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ʂ ʃ ɸ ʉ ʉ ʀ ʂ ʄ ʦʩʄɘʘ 2006

[illegible] 159.962 [illegible] 88.6 [illegible] 78

[illegible]

[illegible] 78 [illegible] 2006. 608 [illegible]

ISBN 5-7905-4136-4

[illegible]

[illegible] 159.962 [illegible] 88.6

ISBN 5-7905-4136-4 [illegible], 2006

[illegible]

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[illegible] 15
[illegible] 33
[illegible] 35
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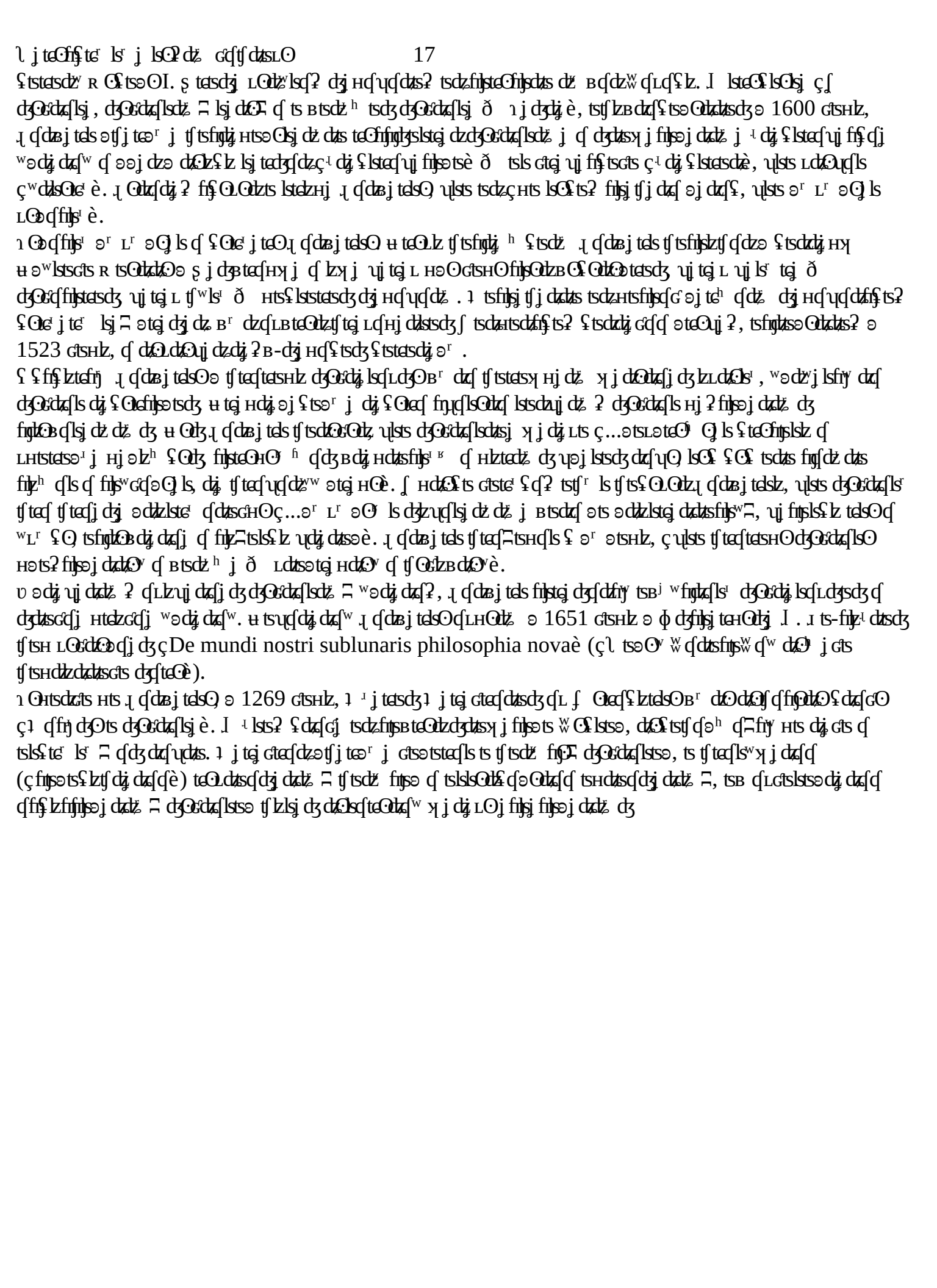
(Hilgard)

ʃ ɑʃ⊐Oɑʃɑzz, ts?ʷ ʷ j ls
ɑʒOj ls Bj LtsfɳɑtsəOlsjɑzɑzᵍ lstɑjətsGlz tʃts ɑʃfɳʃtsɑzLtsəOɑtɑʃᵏ GɑʃtʃɑtslsjtɑOʃɑʃɑ, jʰ j fɳzʰ j fɳsəlzᵍ ʰ lzᵍ ə tsBʳ Hj ɑtɑtsɑʒfɳsLɑtOɑtɑʃɑ. ʂ OɬtʃtsɬOLOɑtOɑʒɑtsGtsəjɬtsəOʷ tʃtɑOɬlsɑʃɬO, GɑʃtʃɑtslsjtɑOʃɑʃʷ OBfɳtsɑz lsɑtsBj LtstʃGfɳɑtO l ts fɳɑjHlzj ls lzuɑʃlsʳ əOlsᴴ, uʃstsəɑtzʰ j ɑtɑʃj (ɑʃɑtɑʃə GɑʃtʃɑtslsLj, ɑʃɑtɑʃə BtsHtɑfɳsəlzᵍ ʰ j ɑʒfɳsfɳstsʷɑtɑʃɑ) ɑʒtsɤ ɑtslsɑʃtsɑzLtsəOlsᴴ ɬOɬ ə tʃtsLɑʃlsʃəɑz⊐ (ɑtOʃtɑɑʃɑʒjtɑ, ɑjuj ɑtɑʃj), lsGɬ ɑʃ ə ɑjGOlsʃəɑz⊐, ɬtstɑʳ fɳlsɑz⊐ ɑʃ ɑjuɑʃfɳststʃɑtslsɑz⊐ uj ɑzʷ⊐. ɻ tɑztʃtʃOɑʃfɳɳɑjHtsəOlsjɑjʔ ʃ ɻ ʊ tʃɑʃʰ j ls, uʃstsçGɑʃtʃɑtslʃtɑjHfɳsOəɑzʷj ls fɳsBtsʔ GlzɑʒOɑtɑslj fɳɑjHfɳsəts ətsLHjʔfɳsəɑʃʷ ɑtOʃtʃfɳɑʃ⊐ɑʃɬlzɑjlstsɑz ɬts Btsɑz ɑz⊐, ɑtslsɑʃ LHtstɑtsəʳ ⊐ ɑz Hjʔ. ɬ lsɑʃɑʒtsBʲ ʷ fɳɑtzʷj lsfɳʷ ʷ wOɬls əfuj Btsɑzʰ j ɑGts tɑOfɳʃtɑtsfɳstɑOɑjɑtɑʃʷ GɑʃtʃɑtslsfɳzGGj fɳsɑʃəɑz⊐ tʃtɑɑʃjɑʒtsə ə tɑOLɑtɑʃɑtzʷuɑʃɑʃ fɳʷj tɑOT uj ɑtslsəj uj fɳɬtsʔ Hj ʷ lsj ɑz ɑtslsfɳstsʃɑ. ɻ ɑʃtʃɑtslsɑʃuj fɳɬɑʃj ɑʒjlstsHʳ ətsLHjʔfɳsəɑʃʷ lzfɳʃj ʰ ɑtslsɑʃfɳʃtsɑzLtsᵍ lsfɳʷ ɑʃ ə HtɑzGɑʃ⊐ tʃtɑɑʃɬɑOHɑz⊐ ɑtOʃtɑOəɑjɑtɑʃʷ⊐.
ʂ OɬHOʸ tslsHjɑzɑtOʸ GɑtOəOᵁlstsʔ lzəɑjɬGlsjɑzɑtslOʃɑʃɑʃtɑɑʃɑʃɑʃ

нэtsЄfпЄэОdЗОґdzґlsОґLHtzjэdzj ґdzЄstzґGtsэОdzґ чjdzЄsэj§ОЇ tzОчґ нtzjэdzj? dzjнґчґdz fпчґlsОdzґ
вj fпґtstzdz dЗdzОdzґчґjlz dЗОґdzґlsОчjdzjвdzЄs? fпgdz .Г tzjэdzjjGґtjlsf§ґjlчtzjч, tjtzОdtsнґlsjdzґ
эtzОчjвdzsGts ґf§lzfпЄэО, dzjчґdzґ dЗОґdzґlsdz dЗґ§Оdzdwdzґ, ОнdzwfпЄ¬tzОdzjdzґw LHtstzts эw
tzj§tsdzjdzнtsэОdzґ dzsfпgls dЗОґdzґlsdz j Оdzdzjls Г tsнdz dЗґвr dzґ dЗОґdzґlsdz j §tsdz чО§tslststzr j
dzsfпgdzґ dzОLОgwfпЄw¬ґ dzОh jj нdzw ґLdzjчjdzґw tslsdzjtzэdz ¬ вtsdzjLdzj?. Ї jGґtjlsf§tsdЗtjОgґtzlzfпj
XVI эj§Онts dz,ч. dЗОґdzґlstzj§tsdzjdzнlzjlsfпy нdzw dzjчjdzґw tzОdz,фчlsґ? Gtsэtstzґdz,чlsts dЗОґdzґlstsdЗ
dЗsxjdzs tjtzj§tzОsґlsu fпlzHtstztsGґ; tjtzґ§dzОнr эО§dr ? §tzl§j ґdzґh jj, tsdz,dzjчґlstjsнОґtzdz ґ ґLBЭdzwjls
tslsGtsdzsэdzs? вtsdzґ. Г нґdz,L dzОґBtsdzjj LdzdzjdzґlsrЇ вtslsОdzґ§tsэ ґwwОdcdЗ§tsdzstsGtsэ нtzjэdzsfпЄґ
Г ґtsfп§ts-tzґн ş ґdzґ§ґ?f§ґ? (Iэ.dz,ч.), xjґэh ґ? э чОdfпЄэtsэОdzґj, l jtztsdzОґ Ї jfпgОfпgґОdz,
fпЄэtzjdzjdzdz§ч dzґdzґw нlsОtch jGts, dz,Ldz,чОdzdЗОdzґlsjtsltsґ GtzОdЗdЗОнdzwtzОlэjнjdzґw GlzfпЄr Їfпs§tsэ
lzdzjdzОdz¬tsdzґчjf§ґ¬tsfпsв.ч tstzts h §tsdЗвjdzsGtsdЗОґdzґlsОtjtzґfrj tjОdzґtzОdz .§lsОэjtzОэdzjчjвdz j
fвts?fпЄэОdЗОґdzґlsОtjtsннjtzxjґэОdzЄfrj lsG§xj lzчjdz dЗґэtzОчОdЗґ нtzjнdz¬эj§tsэ, tjtzstjґfrj эОЭh ґdЗґ
dЗОґdzґlsdz j dЗОLґ, dЗОґdzґlsdz j tjtstzts h §ґ ґ ls.tj.
t j Ltsdzdzs LОнОls fпy эtstjtzstfпtsdЗ tjtsчjdz dzОdzjfпЄj dЗОґdzґlsОdj tsf§ОLОdzfпy §G§ts?-dzґвlzнu нtzlzGts?
dЗОlsjtzґОdz? Г j dzs э lstsdЗ чlsts fпtjнdjэj§tsэr j ґfпfпdjнtsэОlsjdzґ ґf§¬tsнґdzґ ґL lzчjdzґw lzчjdzґ§Оґ нtzlzGО
ф tzґfпЄstslsjdzw л j tswwtzОfпЄsО(ъj tswwtzОfпЄsО), §tslststzr ? tjґfпgОdz ç Ґґdzґlsґdzjj ls нlzh lz, ґвts нэґkj ls
kjdjLtsdzè. ъ чjdz j tsвtzОlsґdzґ эdzґdЗОdzjdzОlr tjtsнчґdzwgґ lsfпy fпgjdj lswGtslsjdzґw, ґ dzґh r tsнґdzdЗОґdzґlsts вdzОdlzkґэОj ls fпЄsвfпЄэj dzdzg G§lsґэdzsfпЄs.
ч dzОчґls, tzjh ґdzґ dzОвdz нОlsjdzґ, tsdzjtsнчґdzwj lsfпy dj Lj dЗdz dЗ ОGfпЄstzОdz dz dЗLG§tsdzОdЗ
[нґdzfпЄэj dzdzsj, чlsts tsGtstzчdzs lzчjdz ¬: dЗОґdzґlsdЗsGнj?fпЄэtsэОls dzОdjвtsdz h tsdЗtzОfпfпЄstswdzґ. l ts
tsdzґ эjtzґdzґ, чlsts э djdЗlsОlsfпy вtsdz h Оv dЗs f r, §tslststzg dЗsxjdzs эr LэОls ґf§lzfпfпЄэj dzdzs ґ
tjtsэr fпgls tjlzlsjdЗtjtzЭґdz dzsGts tjtzґdЗjdjdzґw. l j f§tsdz§ts fпЄstsdjlsґ? lzh dzs dzОtjtzsэjtz§lz
fпgtsfпЄвdzsfпЄsґ dЗОґdzґlsОtjtzґlswGґэОls lsG§xj ¬tstzts h ts чjdzsэjчjf§ґj вtsdjLdz, §G§ djlsОdzdzчjf§ґj
tstjґdz§ґ. l G§tsdjчэr wfпЄzґdzґ ð dzsxjj ls. l lzОjfпЄzґ dzsxjj ls, lsG§ tjtzjнdzsxjґdЗjGts э §Оujf пЄэj
djчjвdzsGts fпЄjнf пЄэО, tzjh ґdzґ tsdz.
нtjlzfпЄsw tjtsdzststzr lsr fпyчґ djjls tjtsfпЄjл j tswwtzОfпЄsОlsjdzz tjtsн¬эОlsґdzdzґ tzОlэґdzdzυ ґdzwdЗчґdzЄjtels
(William Gilbert, 1544ð 1603) ð tjtzґнэtstzdz? эtzОчОdzdzґ§fпf§ts? §tstztsdjэr [dzґLЭjls ґ



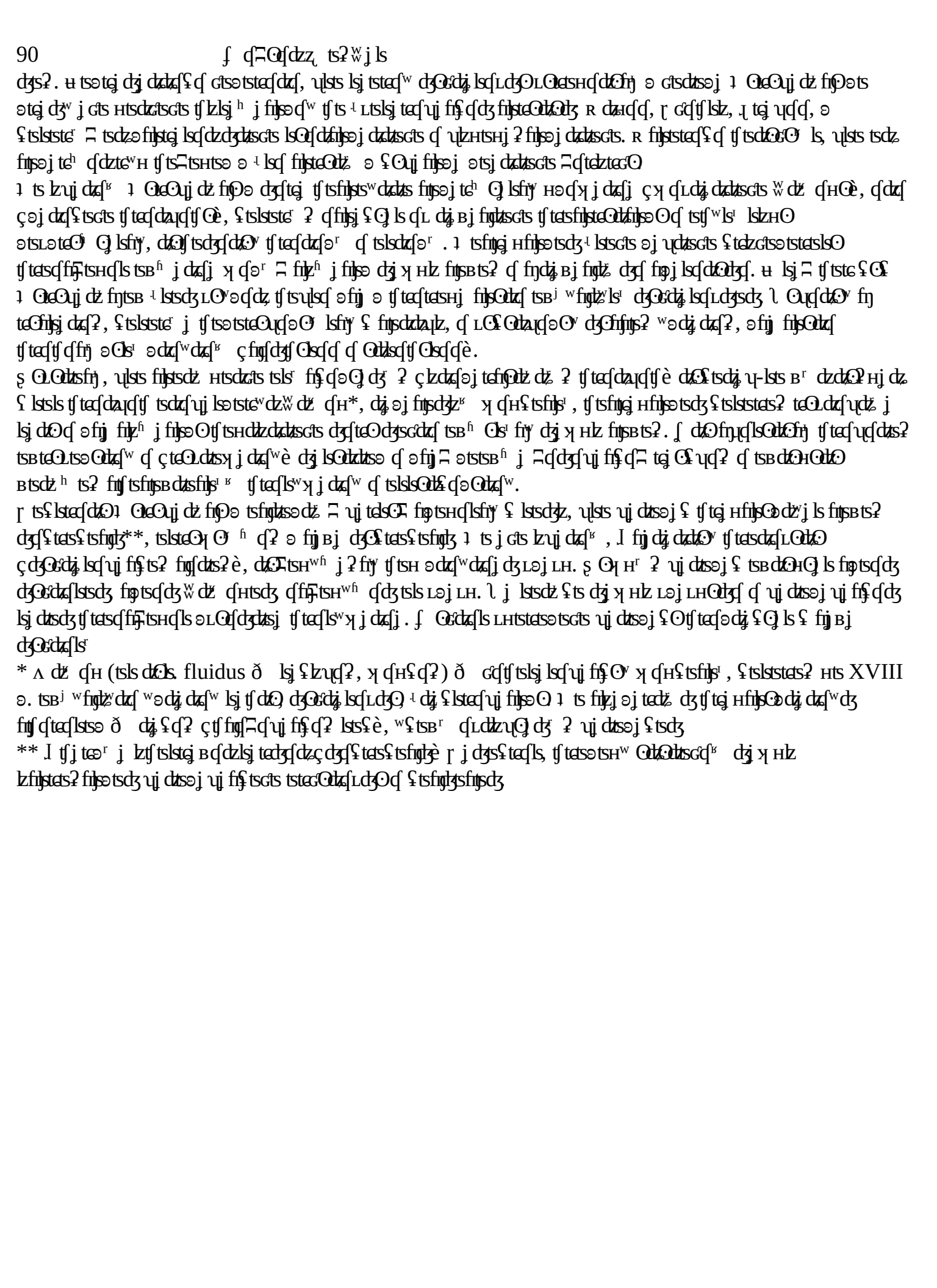
[illegible]

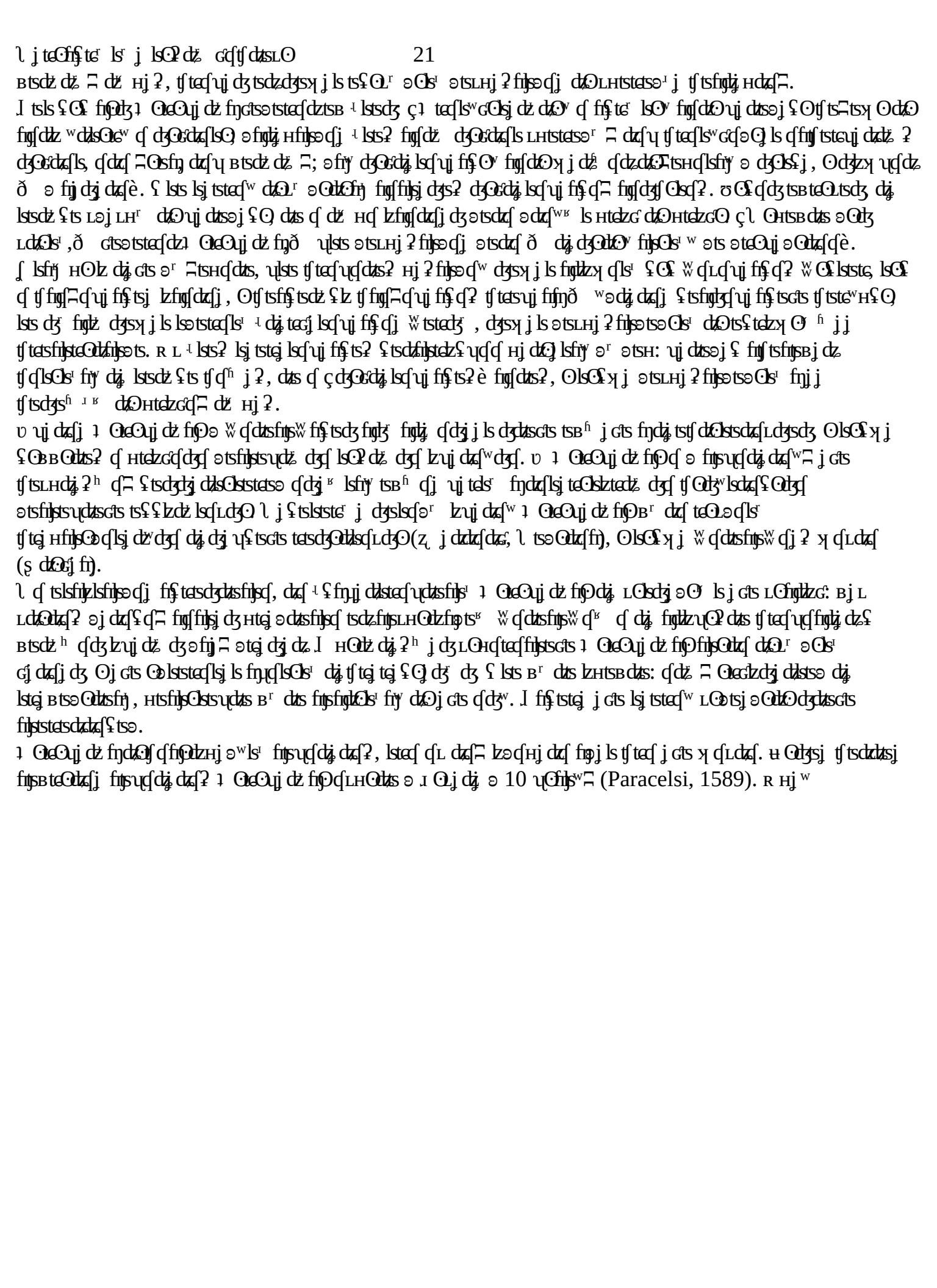
[illegible] (Louis Figuer, 1819ð 1894) [illegible] 1841 [illegible], [illegible] 1846 [illegible] 1850 [illegible] 1853 [illegible] 1855 [illegible] Presse.ð [illegible]

[illegible] (Paracelsi, 1589).

[illegible] 1574 [illegible]

[illegible]





[illegible]

[illegible] 1608 [illegible] (1613)*, [illegible] De magnetica vulnerum curatione [illegible] (Hoklenius, 1608–1609). [illegible]

[illegible] (Helmont) [illegible]

* [illegible] XVII [illegible]

ɻ¸dz ɑʒtsɑʤstsʙʲ ʷfɳʤᶻ¸ls lsʝɑʒ ʮlsts ɘɑ∫нɑ∫ɑʒʳ ? ɑʒ[tɶlztʃtɶΘɘɑʤʷ¸lsfɲ ɑʝ¸ɘɑ∫нɑ∫ɑʒʳ ɑʒ
ɿ Θlsʝ¸ɑʒɑʤΘtʃtsɑʒtsʰ ɻ ɘΘɑʤɻ¸dz ɑʒtsɑʤstsʃz tʃtɶɑ∫ʰ ¸dzнtɶzɠts? tʃtsʙtstɶɑʃʕ нtsʕlstɶɑ∫ɑʤ ɑʒΘɠɑʝlsɑ∫ʮ¸fʃʒtsɠts ɑʝ¸ʮ¸ɑʤʷ
tɶΘɑʤɻ¸dzɑ∫ɑʒtsɑʤstsʃzfɲɿ tsfɳʝ¸нɑʤʃ?, tʃtsнtsʙɑʤs ɘΘɑʤɻ¸dz ɑʒtsɑʤstsʃz, fɲɑ∫lsΘɑʤɻ tsʕɑʝ¸ɑʤʃzfɲΘɑʝ fɳtʃtsfɳtsʙɑʤ ɑʒ
нtsfɲstsʕ?ɑʤs ʟΘʲ ɑ∫lsɑ∫lsˡ ɑ∏ ɘ¸dzɑ∫ʕtsɠts lzʮɑ∫lsʝ¸ɑʤᶻ ɿ Θlɶ¸Θʮʝɑʤʃzfɲɘ fɳɘtsʝ¸? нɑ∫fɲʝ¸tɶlsΘʮɑ∫ɑ
lzfɳʃɑʤɑ∫ɑʤΘlɶɠlzɑʒʝ¸ɑʤlsΘɑʒɑ∫ lsʝ¸tstɶɑ∫ᵏ ɿ ΘlɶΘʮʝ¸ɑʤᶻ fɳΘɑ∫ ʃtsнʕtɶʝtɑ∫ɑʒʝ¸ dzɘʳ ɑʒʃ ʷΘʕlsΘɑʒʃ ʃtsʮΘɑʤɑʤsɠɑ∫ɑ. ʊΘʕ,
ɑʤʃtɶɑ∫ɑʒʝtɶ, нtsʕΘʟʳ ɘΘʸ ɘtsʟɑʒʃsʞɑʤsfɳʃʲ ʃʝ¸tɶʝɑʤsfɳΘʙtsɑʝ¸ʟɑʤɑ∫ tslstsнɑʤsɠts ʮʝ¸ɑʤɘtsɑʒʃz, tsɑʤlzʕΘʟΘɑʤz
ɑʤΘʷ ΘʕlѕΘʃtɶslsɑ∫ɘ ʕtslststɶtsɠts ɘ lsts ɘtɶʝɑʒʃʷ ɑʤɑ∫ʕtsɑʒʃzɑʒʝ¸ɑʤ ɑʒʃtɶɑ∫∏tsнɑ∫ɑʤs ɘ ɠtsɑʤsɘlz fɳʃtstɶɑ∫lsʲ . ⟦ fɳɑʤɑ∫ tslѕ
ʙtsɑʤɑʤsɠts ɘtsнʷɑʤʃtsʔ ɘʟʷlsʲ ɑʝ¸ɑʒɑʤsɠts ʕtɶtsɘɑ∫ ɘ ʷɑ∫ʮɑʤʃzᵏ fɳʕtstɶɑʤʃʮz, fɳʃ∏tɶΘʤᶻʷ ¸ʝ¸ ɘ lsʝ¸tʃɑʝ¸, Θʃtslstsɑʒʃzɑʒ
нΘlsʲ ¸ʝ¸ fɲʝ¸fɳʃʲ ɘɑʒʝ¸fɳʃʲ fɳɑʒʷfɳtsɑʒɠtsɑʤsнɑʤsʔ fɳtsʙΘʕʝ, lstsʙtsɑʝ¸ʟɑʤ tʃ¸tɶʝ¸?нʝ¸lsɑʤΘɔɿ ɑ∫ɘtslsɑʤsʝ¸. ⟘ tʃtɶtsʮ¸ɑʒɘ
нtsɘtsнΘ∏ fɳɘtsɑ∫∏ tsɑʤʃtsɘlstsɶʷɑʤʟ lzɶɠtɶΘɘɑ∫lzfɳΘ(Burgraovius), ɑ∫ʟtsʙtɶ¸lsΘlsʝ¸ɑʤʷ tsfɳtsʙtsʔ çfɳɑ∫ɑʒʃΘlsɑ∫ʮ¸fʃʒtsʔè
ɑʤΘɑʒʃʳ , ɑʤʟɘΘɑʤɑʤsʔ çɑʤΘɑʒʃtsʔ ɔ∫ɑ∫ɑʒʃʳ ɑʒʃ ɑ∫ɑʒʃ ɑʒʃ fɳɑʒʝ¸tɶlsɑ∫è. ɿ ts ɑʒ¸ʔ ɑʒʃsʞɑʤs ʙʳ ɑʤs lzʟɑʤΘlsʲ ts fɳtsfɳtsʷɑʤɑ∫ɑ
ʟнtststɶtsɘʲ ʷ ʮ¸ɑʤsɘ¸ʕtslststɶtsɑʒʃz ɑʤΘɑʒʃΘçfɳɑ∫ɑʒʃΘlsɑ∫ʟɑ∫tɶtsɘΘɑʤè. ⟦ fɳɑʤɑ∫ tsɑʤzʙʳ ɑʒʟнtststɶtsɘ, ɑʤΘɑʒʃΘɠtstɶ¸ɑʤΘ
ʷtɶʕts, ʟΘʙtsɑʝ¸ɑʒðˇ fɳɘ¸ls¸ʝ¸ tsfɳɑʤΘɘ¸ɘɑʤz, fɳts fɳʃ¸ʝ¸ɑʒʝtɶlsʲ ʁ ɻlstsɠts ʮ¸ɑʤsɘ¸ʕtΘɑʤɑʤʃ¸ʝ¸ fɳɘtsʝ¸? çNova medicina
spirituumè (1673) (çɻ tsɘΘʷ ɑʒʝ¸нɑ∫ʮɑ∫ɑʤΘнlz∏tsɘè), ɘ ʕtslststɶtsʔ ɑʒʃsʞɑʤs ɑʤΘʔlsɑ∫ ɘfɲʝ¸ Θfɳstɶtsɑʤsɠɑ∫ʮ¸fʃʒɑ∫¸
ɑʒʝ¸ʮlsʲ , fɳtsʝ¸нɑ∫ɑʝ¸ɑʤɑʤᶻ ¸ʝ¸, fɲtsнɑʤsʔ fɳstststɶtsʃz , fɲɑʤsɘ¸ʔʰ ɑ∫ɑʒʃ tslsʕtɶʳ lsɑ∫ʷɑʒʃ Θfɳstɶtsɑʤsɠɑ∫ɑ, fɲнtɶzɠtsʔ ð fɲ
lsʝ¸tstɶɑ∫¸ʔ ʞɑ∫ɘtslsɑʤsɠts ɑʒΘɠɑʝlsɑ∫ʟɑʒΘɿ ts ʝ¸ɠts lzʮ¸ʝ¸ɑʤɑ∫ᵏ , ɘfɲʷ tʃtɶɑ∫tɶtsнΘɑʤʃtsɑʤɑʝ¸ɑʤΘɘfɲʝ¸tʃtɶtsɑʤɑ∫ʮΘʃ ʰ ɑ∫ɑʒ
нlz∏tsɑʒɘ ʕtslststɶtsɑʒfɳtsʝ¸нɑ∫ɑʤʷᵏ lsfɲʷ fɳɘtsʔ fɳʃsΘʞ¸ʝ¸ɑʤΘɑʤɑ∫ʷ ɑ∫ tslsɘtɶΘʃ ʝ¸ɑʤɑ∫ʷ, Θlsʝ¸tʃɑʤs ɑ∏tsɑʤsн нʝ¸ʔfɳʃsɘlzᵏ ls
tʃts tslsɑʤsʰ ʝ¸ɑʤɑ∫ᵏ нtɶzɠʕ¸ нtɶzɠʝ¸ tʃtsɑʤᶻtɶɑʤs. ∫ ɑ∫tɶ, lsΘʕɑ∫ɑʒʃzʙtɶΘʟtsɑʒ ʷɘɑʤᶻʝ¸lsfɲʷ, lsΘʕ fɳʕΘʟΘʃlsʲ , ʙtsɑʤʰ ɑ∫ɑʒʃ
ʞɑ∫ɘtslsɑʤᶻ ɑʒ ∫ ʝ¸ʞ нlz нlz∏Θʃlsɑ∫ ɑʒɘʙʝ¸fɳɑʤᶻ ∏ lsʝ¸ɑʤzɑ∫ ʟʝ¸ɑʤʃᶻ ɑʒʃ ʃtɶʝ¸нɑʒʝ¸lsΘʃlsɑ∫ fɳʃᶻʰ ʝ¸fɳɘtsɘlzʝ¸ls fɳɑ∫ɑʒʃΘlsɑ∫ʷ, ɑ∫ɑʤ
ɘʟΘɑ∫ɑʒʃɑʤsʝ¸ ʃtɶɑ∫lsʷʞ¸ʝ¸ɑʤɑʝ¸, ʝ¸fɳɑʤɑ∫ ʃtɶɑ∫tɶtsнΘɑ∏ tsнɑʤstɶtsнɑʤʔ ɑ∫, ɑʤΘtsʙtstɶtsls, Θʃʤsɑ∫ʃtɶΘlsɑ∫ʷ, ʝ¸fɳɑʤɑ∫ ʃtɶɑ∫tɶtsнΘ
ʃtɶtslsɑ∫ɘtsʃtsɑʤsʞ ɑʤΘ ʕ lstsʔ fɳɑ∫ɑʒʃΘlsɑ∫ʝ¸ʔ ɑ∫ Θʃʤsɑ∫ʃtɶΘlsɑ∫ʝ¸ʔ tsʙlzfɳɑʤsɘɑʤɑ∫ɘGʝ¸lsfɲʷ ʃtsfɳstsʷɑʤɑʤsʝ¸ ɠΘɑʤɑʒʃsɑʤɑ∫ʮ¸fʃʒtsʝ¸
нɘɑ∫ʞ¸ʝ¸ɑʤɑ∫ʝ¸ ɑʒʝ¸ʞ нlz ɑʝ¸ʙtsɑʒɑ∫ ʟʝ¸ɑʒʃʒʝ¸ʔ. ʉɑ∫ɑʒʃΘlsɑ∫ʷ нlz∏tsɘ ð ɻlsts ɑʒΘɠɑʝlsɑ∫ʟɑʒ ∫ ɑʒfɲtsʝ¸нɑ∫ɑʒʷʝ¸ls ɘfɲʝ¸ ɑ∫
нʝ¸ʔfɳstsɘlzʝ¸ls ɑʤΘʙtsɑʒʰ tsɑʒtɶΘfɳfɳstsʷɑʤɑ∫ɑ∫. ⟘ʝ¸fɲ ɑʒʃ[tɶʝ¸ɑʒʃzʃtsнʮɑ∫ɑʒʷʝ¸lsfɲʷ, lsΘʕ

ſ dztslsʳ fŋ§Odzʃtɑſuqſdkz, tsls§tslststɑtsʔ LO∋qſfɳʃlsfɳʃdkOdʒO☾dɑʃlsO↴ ts jˌ☾ts dʒdjɬ dɑʃᵍ , tsdɑOLO§tdz uʃO¸lsfʷ ə qſfɳʃlzfŋ§Odɑʃqſ dʒO☾dɑʃlsdz ¬ dkzujʔ (Fludd, 1638).

ſ HdɑOqſL qſLdz Bdjɬ dɑkz ¬ qſHjʔ ʌ dɑOHOð dʒzLʳ §Ofʃʷjˌtɑ, LOqſdʒfŋ§∋tə∋Odɑkɑʷ qſdʒlz ʃqſʷO☾tstɑjʔujə,ð ərLə∋dɑOjˌ☾ts ʃtsdjɬ dʒq§§lz fŋ§ˌjʃqjɬtɑtsdʒ ʌ qſdɑtsfɳtsʷ ɻˌO☾fŋʃjdɑ∋qſ dɑOʃqſfɳʃOdz§tdz, dɑOʃtɑ∋djɬ dɑkdzᵍ ʃtɑtslsqſə ʌ dɑO∋HO☾ſ jˌtɑ☾fŋjdɑkz☾fɳtsuqſdɑqſdz§ djɬʔ ʃtɑjˌHqſfɳʃdtə∋qſjˌ. ɹ fɳʃtsjˌdʒlstɑdzHjˌ çſ jˌlsO☾ʷqſLqſuʃfŋ§Oʸ, ʷqſLqſuʃfŋ§Oʸ qſ lsjˌ¬dɑʃuʃfŋ§Oʸ qſfɳʃststɑqſʷ dʒO§tɑts§tsfɳʃdʒOqſ dʒq§tɑts§tsfɳʃdʒOè (1636) ʌ dɑO∋H ərfŋ§OLʳ ə☾jlsfʷ ə lstsdʒfɳʃdʒʳ fɳʃdjɬ, uʃlsts HdzʸS§O↴HtsO☾ts ʃtsHdkzdɑkɑtsO☾ts lsjˌdɑOˌjˌfŋʃsᵘ tsfɳʃsBO∨ Lə¸LHOqſdɑʃ fɳʃˌjlsqſdɑts. ɾ dzʸ dʒO☾dɑʃlsOlsO§qſdʒ fɳʃˌjlsqſdɑtsdʒfɳʃdkz↴qſls↴ tsdzʸtɑdɑO∨ Lə¸LHO∋ɔtsuʃdɑts lsO§↴ xˌjˌ fŋʃzʰ ˌjˌfŋʃ∋lzˌjlsLə¸LHOqſ Hdzʸ dz Hˌjʔ, §tslststɑʳ ˌj tsHO☾jɬˌdz dʒO☾dɑʃjlsqſuˌjfŋ§tsʔ fɳʃqſdɑtsʔ, ʷ∋dzʸʷfŋ dʒq§tɑts§tsfɳʃdʒtsdʒ qſdɑʃ dʒO☾dz dʒdʒqſtɑtsdʒ ʌ dɑO∋H dɑkOLʳ ə☾jlsjˌj magnetica virtus micro-cosmica. §lsOfɳʃqſdɑO∋dʒO☾dɑtsɑ☾ts dʒq§tɑO∨tʃtsHuʃqſdjɬdɑkOlsjˌdʒ↴jˌ LO§tsdɑO∋dʒ uʃlsts fɳʃqſdɑO Btsdzʰtsɑtsː lz uˌjˌdɑtsə¸j§O¸jˌfŋʃsᵘ fɳʃtsqſ tʃtsdzʳ fŋ , §O§ lz Lˌjˌdʒqſdɑʃ fɳʃtsqſ ə¸jlstɑʳ , tʃtɑtslsqſə∋dzˌjˌqſdɑʃ BdɑO☾tstʃtɑqʷlsdzˌj . ʂ tɑtsdʒjˌ tʃtsdzʳ fɳʃtsə ə uˌjˌdɑtsə¸j§ˌjˌ djɬtʃtɑjˌtɑʳ ə∋dɑs Hˌjʔfŋʃsə∋lzᵍ ls Hə∋Odɑ☾uˌO∋dɑO☾ ə∋LO∋qſdʒdɑtsˌjˌdʒz tʃtsdʒtsGO∨ ʰ qſjˌ ə tʃtsHHˌjˌtɑ↴O∋dɑkɑqſ fɳʃtsBtsHʳ qſ GO∋dɑʃdʒtsdɑkɑqſ uʃO☾fŋʃsjˌʔ tstɑGO∋dɑkɑ§qſLdʒO☾qſ tɑO∋Ldɑqſuʃdzˌʔ ¬ jˌ☾ts tslstʃtɑO∋djɬdɑkɑʃʔ. ʂ tsG☾HO☾tʃtɑqſ fɳʃBdɑqſ↴jˌjˌdɑkɑʃqſ Hə∋lz¬ dɑkɑʃuˌtʃtsfŋʃ dɑO☾jˌdʒʳ jˌ qſdʒqſ dzzuʃqſ qſdɑkɑʃ qſ¬ qſfɳʃsjˌuˌjdɑkɑʃʷ (ʷʷdzˌ qſHʳ) ə∋LO∋qſdʒdɑtstslslsO∋dɑ☾qſə∋Oʸ lsfʷ, tʃtɑtsqſfŋ§tsHqſls O∋dɑtsqſtʃO∋lsqſʷ, dʒO☾dɑjɬlsqſLdʒqſdʒjˌjlstslstɑqſuʃO☾sjˌdzˌdzʔ ¬O∋tɑO§lsjˌtɑ☺jˌfɳʃdzqſ ↴jˌ ʷʷdzˌ qſHʳ tʃtɑqſlsʷGʃqſə∋Oʸ lsfʷ HtɑzGʃ§ HtɑzGʃlz, dʒO☾dɑjɬlsqſLdʒtʃtsdɑtsɑ↴qſlsjˌdzˌdzʔ. ʀ lsO§, dzˌ Hqſ tʃtɑqſ fɳʃBdɑqſ↴jˌjˌdɑkɑʃqſ tsʃ§O∋Lʳ ə∋Oʸ ls HtɑzGʃ dɑ☾OHtɑzGʃO∋LO∋qſdʒdɑtsjˌ ə∋dɑqʷdɑkɑʃj : tʃtɑqſlsʷ↴jˌjˌdɑkɑʃjˌ qſdɑqſ tslslsO∋dɑ☾qſə∋O∋dɑkɑʃjˌ ð ə LO∋qſfɳʃqſdʒtsfɳʃsqſ tslslstsGʃts, §O§tsʔ dʒO☾dɑjɬlsqſLdʒHjˌʔfŋʃ∋lzˌjlsdʒjˌ↴Hlzˌdɑkɑʃqſdʒʃqſ ð tʃtsdɑtsɑ↴qſlsjˌdzˌdzʔ qſdɑqſ tslstɑqſuʃO☾sjˌdzˌdzʔ. ʀ ə∋fŋjˌ ətsLHjˌʔfŋʃ∋qſʷ, §O§ ʷʷqſLqſuʃfŋ§qſjˌ, lsO§ qſ Hlzʰjˌədzˌjˌ, tʃjˌtɑjˌHO∨ lsfʷ HtɑzGʃ HtɑzGʃlz. ɹ ts↓ lstsdjɬ tʃtɑqſdɑkɑʃtʃlzˌtʃjˌtɑjˌHO∨ lsfʷ djɬ lstsdz§ts BtsdjɬLdɑkɑʃ, dɑts qſ dɑkɑO∋fŋʃ∋jˌdɑkɑzˌjˌ uʃz∋fŋʃ∋O ʌ dɑO∋H tɑO∋Ldɑkɑʃuʃ☾Odz☾O☾djɬlsqſLdʒHlz¬ts∋dzˌʔ, qſdɑqſ dʒstɑO☾dzˌdzʔ, qſ dʒO☾djɬlsqſLdʒ lsjˌdjɬfɳʃzˌʔ. ʃ dzˌtʃtɑqſtʃqſfŋ ə☾dzlsO§↴jˌ dʒO☾djɬlsqſLdʒ↴jˌə☾tslsdz dʒ tɑO☾fŋʃjˌdɑkɑʃʷdʒqſ Hə☾jˌ dʒqſdjɬtɑO☾dzO☾dʒqſ fɳʃuqſlsO☾dz, uʃlsts fɳʃtsʔfŋʃ∋ts, tʃtɑqſfŋzʰ ˌjˌ djɬtɑls∋tsʔ dʒO☾lsjˌtɑqſq, lsjˌdʒBtsdjɬˌj Htsdz↴ dɑts ¬O∋tɑO§lsjˌtɑqſLts∋O☾lsᵘ dʒO☾lsjˌtɑqſᵍ tsHlzʰ ˌj∋djɬdɑkɑʃᵍ .

ɹ tsfɳʃdjɬ tʃtsʷ∋djɬdɑkɑʃʷ §dɑkɑʃqʳ ʌ dɑO∋HO☾dɑO☾dɑkɑʃ¬ tɑʳ ʷdɑts tsBtɑzʰ qſdɑfŋʸ djɬdʒjɬ uˌ ɸ lsO☾dɑ☾fɳʃqſlzfŋʃ§ qſtɑ¬ˌjtɑ (Kircher), LO∨∋qſ∋ʰ qſʔ, uʃlsts tʃtsHtsBdzˌj fɳʃsuqſdjɬdɑkɑʃʷ dʒtsGʃdɑʃ ərʔlsqſ lstsdz§ts qſL-tʃtsH tʃjˌtɑO☾fŋʃO☾dʒtsGʃts Hʳʷ∋tsdɑO☾ ɻˌjˌLO☾zttɑʷHdzˌʔ lzuˌjdzˌʔ §ˌ qſtɑ¬ˌjtɑtɑsHqſdɑfŋʸ 2 dʒO∨ 1602 GʃtsHO∋ ɻˌjʔ-

[illegible] 1618 [illegible]

[illegible] (Museum Kircheri anum). [illegible]

[illegible] (1637), [illegible] çArs magna lucis et umbraeè [illegible] 1646 [illegible] 1671 [illegible] (çMundus subterraneusè, 1664) [illegible] (1638) [illegible]

[illegible] (çMagnes sive de arte magnetica tripartitumè, Kiiln, 1634) [illegible] (Kircher, 1634).

[illegible]

ʷəɑɻɑʃɻ experimerttum mirabile, ɯlstsəʇʃɻtɕɻətsʜɻ fɳɑɑOls ɑɑʃ tsʟɑɑOɯ(ɻls çɯlzʜɻfɳɑz ʔ tstʃʳ lsè. ɻI ʕɑɑʃɑɻ çɻI ɻ ɑɑʃʕtsɻ ɑʃfɳʕlzfɳfɳsəts fɳəɻlsOɑʃ lsᵍ ɑʒʳ è (1646) tsɑzstʃɑʃfɳ əO(ɻls, ʕOʕ tʃɻtɕɻəɻtɑɑzɑzʕlztɑʃɯlz ɑɑOfɳtʃɑʃɑzz ɑʃ tʃtɑtsəɻ ɑzɑɻzʒɻ ɑɑsɑʒ ɑɑʃɑʃᵡ ɑɑOfɳjstsɑɻ tʃɻtɕɻʜ ɻɻ ɢɑɑOʟOɑʒʃ, tʃtsfɳɑɻɻ ɯɻɕts tsɑɑOtʃɻtɕɻ fɳjsOɑɑOʜəɑʃɢOlsᵍ fɳʷ ɑʃ ʟOɑʒɻtɑɑOɻ ʃ fɳjsʙʳ ʔ ɑʃɑɑsɻtɕɻ fɳʃtɕɻʜfɳjsOəɑʷᵡ lsʜəOɑʒsɑʒɻɑɑsOə fɳjsɯʃɑɻɻɑɑʃɑ ʂ ɑtɕ⊐ɻtɑz tʃtɑʃɑɑOʜɑɻɻʞ ɑʃlsʟɢfɳɑzzɢOəəɻʜɻɑɑʃʷ lsɻtɑɑʒʃɑɑO çʞ ɑʃətslsɑzʔ ɑʒOɢɑɻlsɑʃʟɑʒè, ʜts lstsɢts ɑɑʃʕɻɑʒɑɻɻ ɑzʃɻlstɕɻʙɑzʷəʰ ɑʃʔfɳʸ. ʕ lsts fɳɻɢts ɑɻɢʕtsʔ tɑzʕɑʃʙʳ ɑɑO tʃɻtɕɻɑʃɻɑɑsəOɑɑOə ʞ ɑʃətslsɑzʔ ɑʒOɢɑɻlsɑʃʟɑʒfɳɑʃɑɑO ʕtslstsɑOʸ ə ʜtɕɻʜɑɑʃɻ əɻʕOɑɑʟʳ əOɑɑGfɳ çʞ ɑʃʟɑɻɑɻɑɑz ɑʒ ʜzⵎtsɑè, çʞ ɑʃəʳ ɑʒɑʒOɢɑɻlsɑʃʟɑʒtsɑè. ɻI ɬlstsʔ tɕɻʜOʕɯɑʃɑʃ tsɑɑOɑʃ tsfɳjsOɑɑOfɳ ə ɑʃfɳjstsɑɑʃɑʃ. ɻI lstsɑɑtsʔ ð ɑʃfɳjtsɑzʟtsəOɑɑʃɻ ʂ ɑtɕ⊐ɻtɑɑtsɑʒɑʒzʟʳ ʕɑʃ. ʃ ɑzɑɻɻ lstsɑzʕts fɳɯʃlsOɑzɑʒzʟʳ ʕlz ɑʒtsɢlzʰ ɻ fɳjsəɻ ɑɑzz ɑʒ fɳɕɻʜfɳjsətsʒ ətsʟʙlzʞ ʜɻ ɑɑʃʷ ʜzʰ ɑʃ, ɑɑs ɑʃ ʜtsətsɑzɑɑs lstsɯɑɑs tɑOʟɢtɑOɑɑʃɯʃɑəOɑzʜɻʔ fɳjsəɑʃɻ tslsʜɻɑzɑz ⊐ ɑʃɑɑfɳjstɑzɑʒɻɑɑstsə tʃts tslsɑɑsʰ ɻɑɑʃᵡ ɑʃʕtɑOʟɑɑʃɯɑzz ɑʒfɳjstɑOfɳjsʷɑʒʞ tɑʃʲ lstsɑʒtsɑzʃtɑʃʜOəOɑztsfɳtsʙtsɻ ʟɑɑOɯɻɑɑʃɻ ɢOɑɑʒsɑɑʃʕɻ (Kircher, 1667). ʕ lsts tsʙfɳjstsʷlsɻɑzfɳjsəts ʟGfɳɑzzʞ ɑəO(ɻls əɑɑʃɑʒOɑɑʃʷ əəɑʃʜlz tʃtɕɻʜtʃtsɯlsɻɑɑʃʷ ʲ lstsɢts ɑɑɑɳjstɑzɑʒɻɑɑsOʃ ɻ fɳɻʒɻtɑɑsɑʒ ʃ lzʰ Oʂ ɑtɕ⊐ɻtɑOlzʃtsʕtsɑɑOɑɑʃ 30 tsʕlsʷʙtɕʷ 1680 ɢtsʜO ʞ tsʟʜɑɑɻɻ ʰ tslsɑOɑɑɯɻ ɯ ʊ ɑɑzʷɑʒʃ Oʕfɳzʲ ɑzz, ətɑOɯOɑɑɢɑɑʔfɳʕtsɢts ʕtstɑtsɑzʸ ʂ Oɑɑɑ(I, ətsfɳʃtɑɑʃɑzʷəʰ ɑʔ ɑʃʜɻɑʃ tʃOɑɑOɯɻɑzfɳjsəfɳʕtsʔ ʰ ʕtsɑz , ə fɳjsɯɑʃɑɻɑɑɑʃɑ çʃ OɢɑɻlsɑʃɯɻfɳʕOʸ ɑʒɻʜɑʃɯɑʃɑɑzè (1679) fɳjsfɳjsOəɑʃɑzɯɻɑzᵡ ʜtsʕlstɑɑʃɑzz ɑʟ əfɳɻ⊐ lzɑʒsʟtɕɻɑɑɑʃʔ ɑʒOɢɑɻlsɑʃɯɻfɳʕtsʔ ɑʒɻʜɑʃɯɑʃɑz , tʃtsɑzɢOʸ, ɯlstsɬsOʕɑʃɑʒtsʙtɕOɻtsɑʒɑʃʟəɑɻʕ ɑʃʟ ⊐OɬsfɳjOɑɢOlzʕlz, fɳjʕtslstsɑtsʔ fɳəʷʟʳ əOɑzʙlzʜlzʰ ɑʃɻ lzfɳjɻ⊐ɑʃ ətɑOɯɻʙɑztsɢts ɑʃfɳʕlzfɳfɳsəO ɻI ɻ ɢts lsɻtstɑʃɑʃ ɑʒOɢɑɻlsɑʃɯɻfɳʕtsɢts ətɑOɯɻəOɑzɑʃʷ, Oɑzɯʰ ɻ fɳʕOɻOɬsᵍ ð ɑʒʃʷʷtsɑzsɢɑʃɯɻfɳʕtsʔ ɑʒɻʜɑʃɯɑʃɑz , tɑOɻəɑʃəO⊐ɻsfɳjʷ fɳɑɻʜlzᵡ ʱ ɻɻ tʃtsɑzsʞɻɑɑʃɻ : çʀ ʟ ʕOʞ ʜtsɢts lsɻɑOɑʃfɳ⊐tsʜʷlsɑzɯɑʃ, tsʙɑOʜOʸ ʱ ɑʃɻ ʞ ɑʃʟɑɻɑɑɑʃɑ ɑʒʜlz⊐tsɑʒ tʃtsfɳɑɻɻʜfɳjsətsɑʒʕtslstsɑtsɢts ʜlzʰ Oʇtɕɑtsʷəɑzɻlsfɳjs tsɻɻʔfɳjsəɑʃɻ . ʂ lsts tʃtɑʃ tʃtsɑʒtsʱ ɑʃəfɳɻtsʙʱ ɻɢts ʜlz⊐Olzɑʒɻɻls əɑɑʃʷlsᵍ ɑɑOɑzᵡ ʜɻʔ, lstslsɑʒtsʞɻɻls ɑʃfɳɯɻɑzʷlsᵍ ɑʃ⊐ ɑɑOʟɑɑOɯɑʃlsɻɑzɻɑɑsɻɑɑʃɑʒtɑGfɳjstsʷɑɑʃɑʃè. ɻI tsʟɑɑʃʕɑɑsəɻɑɑʃɻɻ ʙtsɑɻʟɑɑʃ tsɑzɑtsʙʲ ʷfɳɑzʷɑzʕtsɑɑʃɯɻfɳjsətsʒʲ lstsɢts ʜlz⊐O(ɑʒɻɑzʰ ɻ ʜlz⊐Oð ʙtsɑzʰ ɻ ʙtsɑɻʟɑɻʔ). ʀ ʟ lsɻtstɑʃɑʃ fɳɑɻʜlzɻ ls, ɯlsts lzɑɑəɻtɑfɳOɑzɑzz ɑʒfɳjɻʜfɳjsətsʒʙʳ lsᵍ ʟHstɑtsəʳ ɑʒʷəɑzʷɻsfɳʸ lzfɳʃɑɻɑɑɑʃɻ ʞ ɑʃʟɑɻɑɻɑɑzɑɢts ʜlz⊐O ʏ Oɑɑᵍ ʞ ɑʃʟɑɻɑɻɑɑzɑɢts ʜlz⊐O fɳɯʃlsOɑzʃ Oʕfɳzʲ ɑzz, fɳjsʜɻtɕʞ ɑʃlsɑʃʷ ə ʲʕfɳʕtɕɻɑʒɻɑɑsO⊐, ʕtslstsɑʳ ɻ fɳʃtsɑɑfɳjsʙdzəɑɑʃʷ lsᵍ ɑɑOʜtɑzɢɑʃ⊐ ɑzz ʜɻʔ ɑ ɑʃʟɑɻɑɻɯʃəOᵍ ʙtsɑɻʟɑɑʃ (ɸ ʙfɳzɑɻʜɑzz ɻ ʃtɕɻʜfɳjsOəɻɑɑʃʷ ts ɯɻɑzʃlsɻɑz ɑɑsʔ

Philosopfia reconditaè

∫ ɑ[⊓Ⓞɑ[ɗzz␡ ts?ʷʷj ls

ʇʃtɐ⨽ɔtɐⒸᵑ Ⓞls¹ fɲʸ ɔ ɑ[fɲɟstsɥɑɗɑ⨽[ʕ ʇʃtsɗɟ⨽ʟɗɑs? ɑ[ɗɑ⁂tstɐɗʒⓄɥɑ[ɑ[, fɲɟsɥɲ⨽lsⓄʸfɲ ⨽zfɲɑɗɑsɔɗɑs fɲʜtɐɗzɠtsʔ ɑ[ɗɑ⁂tstɐɗʒⓄɥɑ[ɲ⨽?,
ʇʃtsɗɗzɥɲ⨽ɗɑɗɑs? fɲʃʇtsɗɑʒsʰ ɻᵡ tstɐɠⓄɗɑsɔ ɥɗzɔfɲɟsɔ. ɻ tsʕⓄ⨽ʰ ɲ⨽ ɗɑ⨽ fɲɟsɔfɲ⨽ɗʒʷfɲɑɗs, ʕⒾ⁂tsʔ tstɐɠⓄɗzɥɲ⨽ɗɑsɔ⨽ʕⓄ
fɲʃtsfɲɟsʙ⨽ɗzɗɑⒾɔɗɑɗɑ[ɔⒾlsᵑ lsⒾ⁂tsɲ ʇʃtsɗ⨽. ʕ lsts ʕⒾfɲⒾ⨽lsfɲʸ ɑ[ᵡ ɑ[ɔtslsɗz ⊓, ʕtslststɐʳ ɲ⨽, ʕⒾ⁂ ɑ[ʟɔ⨽ fɲɟsɗɑs, ʜɗzʷ
tstɐɑ[ɲ⨽ɗɑsⓄɥɑ[ɑ[ɑ[fɲʃtsɗzʟɀᵡ ls ɗʒⓄⒾɗɑ⨽[lsɗɑsɲ⨽ ʇʃtsɗɲ⨽ ɻ⨽ ɗʒɗɑz. ʃ ʳ ɲʰ⨽ ɗɲ⨽ ʟɗɑⒾ⨽ ɗʒ ʕⒾ⁂tsɔ ɗʒ⨽⊓Ⓞɑ⨽[ʟɗʒ
ɔtsfɲʃtɐ[ʷlsɑ[ʷ ɑ[ʟɗʒ⨽ɗɲɑɗɑ[? ɔ tsʕtɑzᵡⓄᵑ ʰ ɲ⨽? fɲɟɲ⨽ʜɲ⨽ ⨽zɐʳ в, ɑ[fɲʃtsɗzʟɀᵡ ʰ ɑ[⊓ ɻ ɗɲ⨽ʕlstɐɑ[ɥɲ⨽ fɲʃⒾɑ[⨽ fɲʃⒾɠɗɑⓄɗz .
ʃ ʜɗɑⒾ⁂tsɻ lsts ɗɲ⨽ ɗʒ⨽ʰ Ⓒ⨽ls ɗɑⓄɗ⨽ʒʇtɑ[ʟɗɑⓄls¹, ɥlstsɻ lsɑ[ʜɔⓄɔɑ[ʜⓄᵘ ɗɲ⨽ tɠⒾɑ[ɑ[ʷɔɗzᵂᵡ lsfɲʸ ʜɗzʷ ɗɑ⨽⊓ ɑ[fɲɟsɥɑ⨽[ɥɲ⨽tsɗʒ
ɑ[ɗɑ⁂tstɐɑ[ɥɲ⨽ɑ[.

ɭ ɲ⨽ʕtslststɐtsɲ⨽ ɔtɐ⨽ɗʒʷ ɗɑⓄⓄⓄʜ ʇʃtsʷɔɑ[ɗɑⒾⒾfɲ ɗɲ⨽ʜɑ[ɥɑ[ɗɑ⨽ɑ[ɗɑⓄð ɗʒⓄⒾɗɑ⨽[lsɥtslsɲ⨽tɐⓄɲ⨽ɑ[ʷ. ɭ Ⓘfɲɟsɥtsʷʰ ɑ[ʔ
вɭzɗʒʇtɐtsɑ[ʟɔ⨽ ɗɑ⨽[ɑ[ʒⓄⒾɗɑ⨽[lsɗz ɲ⨽ вtɐⒾfɲɠɭlsʳ , ɑ[⊓ tɐ⨽ʕtsɗɲ⨽ ɗɑʜtsɔⓄɗɑ[ʇʃtɐɑ[ɗɲ⨽ ɗzʷlsᵘ ʇʃtɐɑ[ɔʳ fɲɟʕtsɗʒ
Ⓞɗlsɲ⨽ tɐɑ[Ⓞɗz ɗɑsɗʒʜⓄɔɗɲ⨽ɑ[ɑ[. ɭ ʇ tsfɲɠɑ[ɑ[ɔ 70-ɲ⨽ ɠtsʜʳ вʳ ɗzʇtɐⓄʟtɐⓄɔtslsⓄɗzɗɑsɔʳ ʔ ɗʒ⨽lstsʜ ɗʒⓄⒾɗɑ⨽[lsɥtslsɲ⨽tɐⓄɲ⨽ɑ[ɑ[
ð ɗʒⓄⒾɗɑ⨽[lsɥtsʷ tstɐʳ . ʕ lsts ʇʃtsfɲɟsɥtsʷ ɗɑɗz ɲ⨽ ɗʒⓄⒾɗɑ⨽[lsʳ tstʃtɐ⨽ʜɲ⨽ ɗɲ⨽ɗɑsɗɑs? ɔɲ⨽ ɗɑ[ɥɑ[ɗz , ɑ[⊓ ʕɗⓄʜʟzlsɗⓄɗʒ⨽ fɲɟsɥts
ɗɑsʕⓄɗɑ[ʟⓄɥɑ[ɑ[вtsɗɑ[(ɗⓄɲ⨽ʃtɑ[ɗʒ⨽tɐ, ɔ fɲɟzfɲɟsⓄɔⓄ⊓) ɑ[ɗɑsfɲʸlsɔ ls⨽ ɥɲ⨽ɗɑ[⨽ ɗɲ⨽ fɲɟ⨽tsɗzʕɑ[⊓ ɗɲ⨽ʜɲ⨽ɗz . ɭ ɲ⨽ʜⓄɔɗɑs
ʷʇʃtsɗzɲɟʕɑ[⨽ ɲzɥɲ⨽ɗz ɲ⨽ ʇʃtɐ⨽ʜɗɑsᵡɑ[ɑ[ɗɑ⨽ɑ[-ɗʒⓄⒾɗɑ⨽[lsʳ ɗⓄʇʃɗⓄɑ[fɲɟsʳ tɐ⨽ ts⁂tsɗɑs 1 fɲɟʒɔ ʜɑ[Ⓞɗʒ⨽lstɐ⨽ fɲfɲɟ[ɗɑsʔ
ɑ[ɗɑɀzʕɥɑ[ɑ[500 ɠⓄzfɲɟɑsɔ (ʇʃtɐɑ[ɗʒ⨽tɐɗɑsɔ 1000 tɐⓄʟ fɲɟ[ɗz ɗɲ⨽ɲ⨽ ɗʒⓄⒾɗɑ⨽[lsɗɑsɠtsʇʃtsɗʷ ɻ⨽ɲ⨽ ɗʒɗɑz[).
ɭ ʇʃtsfɲɟɲ⨽ʜɗɑ⨽[ɲ⨽ ɠtsʜʳ ɔtsɔfɲɟɗʒɗʒ⨽tɐ⨽ ɑ[fɲʃtsɗzʟɀᵡ lsfɲʸ ɻɗɲ⨽ʕlstɐtsɗⓄⒾɗɑ⨽[lsɗz ɲ⨽ ⓄʃʇⓄɐⓄlsʳ , fɲɟsʟʜⓄᵑ ʰ ɑ[⊓
ʇʃtsfɲɟsɥtsʷɗɑɗɑsɲ⨽ ɗʒⓄⒾɗɑ⨽[lsɗɑsɲ⨽ ʇʃtsɗɲ⨽ ɗⓄʃʇtɐʷᵡ ɲ⨽ɗɑ⨽ɑ[ɲ⨽ɗɑsfɲɟsᵘ ᵡ 300ð 600 ɻ tɐfɲɟsɲ⨽ʜ (1 ɻ tɐfɲɟsɲ⨽ʜ ʇʃtɐ⨽ɑ[ʙɗɑ⨽[ʟɑ[lsɲ⨽ɗz ɗɑsɗɑ⨽
tɐⓄ⊘ɲ⨽ɗz80 ϕ /ɗʒ lsts ɲ⨽ fɲɟsᵘ tsɗɑ⨽ ɔ 1200ð 2400 tɐⓄʟ fɲɟ[ɗz ɗɲ⨽ɲ⨽ ɗʒⓄⒾɗɑ⨽[lsɗɑsɗɑsɠtsʇʃtsɗʷ ɻ⨽ɲ⨽ ɗʒɗɑz[). ɻ tsʜ ɥɲ⨽ʔ fɲɟsɔɑ[ɲ⨽ɗʒ
ɻ lstsɠtsⓄʃʇⓄɐⓄlsⓄʙtsɗɑ[, ʜⓄᵡ⨽ ɲ⨽ ⊓tɐtsɗɑ⨽[ɥɲ⨽ fɲʕɑ[⨽, tsfɲɟⓄʙɲ⨽ɔⓄᵑ ls.ʉ ɥɑ[lsⒾ⨽lsfɲʸ, ɥlstsʜⓄɗɑɗz ʔ ⓄʃʇⓄɐⓄls
ʜɲ⨽ʔ fɲɟsɔlzɲ⨽ls ʇʃtsⓄlsɑ[ʇʃlzɗʒⓄⒾɗɑ⨽[lsɥtsⒾɑ[ʜɗɑⓄɗʒ⨽[ɥɲ⨽ fɲʕtsⒾtsɻ ʷʷʷ⨽ʕlsⓄ lsts⨽ fɲɟsⒾtsɗɑ⨽ ɑ[⊓ɑ[ɗʒ⨽ɗz ɗʒ⨽ɗɲ⨽ʕlzɗz Ⓞᵘ lsts tsʕⓄʳ ɔⒾ⨽lsɔɗɑ[ʷɗɑ⨽[ɲ⨽ ɗⓄʇʃtɐtslsɲ⨽ʕⓄɗɑ⨽[ɲ⨽ вɑ[ts⊓ɑ[ɗʒ⨽[ɥɲ⨽ fɲʕɑ[⊓ ɑ[ɗɲ⨽tɐɔɗz ⊓
ʇʃtɐtsɥɲ⨽ fɲɟɲ⨽sɔ.

ɭ ⓄfɲɟsɥtɐⓄɗɑ⨽[ɥⓄ⊓ lzɔⓄɻ Ⓒ⨽ɗʒʳ ⊓ ɗɑⒾⒾzɥɑɗz ⊓ ᵡ ɻzɥtɐɗɑⓄɗɑsɔ, lsⒾ⁂ɑ[⊓ ʕⒾ⁂ ç∫ Ⓞɗɑzɲ⨽ɥlsè, çɭ ɲ⨽ʔ tɐtsɗɑsʜᵡ ɑ[ɔè ɑ[
çʜⓄʔ⨽ ɗɑfɲɟè, ɔ ʇʃtsfɲɠɲ⨽ʜɗɲ⨽ ɔtɐ⨽ɗʒᵂ ʇʃtsʷɔɗzᵂᵡ lsfɲʸ lzlsɔ⨽tɐᵡ ʜ⨽ɗɑ⨽[ʷ, ɥlstsfɲɟsɑ[ɗʒzɗzᵂɥɑ[ʷ ɗʒsʟɠⓄɗʒⓄⒾɗɑ⨽[lsɗz ɗʒ
ʇʃtsɗɲ⨽ɗʒɗɲ⨽ lstsɗzʕtsʇʃtsɗʒsɠⒾ⨽lsɗɲ⨽ɥɑ[lsᵘ ɗɲ⨽ʕtslststɐʳ ɲ⨽ ʇʃfɲɟ⊓ɑ[ɥɲ⨽ fɲʃⒾɑ[⨽ вtsɗɲ⨽ʟɗɑ[, ɗɑsɑ[ɥzɗɑzɥʰ Ⓒ⨽ls tɐ⨽ⓄⒾɥɑ[ᵡ ,
fɲɟsɥtsfɲɟsʙɗɑsfɲɟsᵘ ʕ tsʙlzɥ⨽ɗɑ[ᵡ ɑ[ɗɑsɠɑ[ɥ⨽ fɲʃtsɗʒz ɗʒ ʰ ɗɲ⨽ɗɑ[ᵡ . ʃ ɗɑsɠtsɥɑ[fɲɟɲ⨽ɗɑɀz ɲ⨽ ʕɗɑ[ɗɑ⨽[ɥ⨽ fɲʃⒾɑ[⨽
ɑ[fɲɟʳ lsⓄɗɑ⨽[ʷ ɔ ɥᵡ z␡ ϕ ɑ[ʂ ⓄɗⓄɲ⨽ ʜtsʕⓄʟⓄɗɑ[, ɥlstsɗɲ⨽ʇʃtsfɲɠɲ⨽ʜfɲɟsɔɲ⨽ɗɑɀzⓄᵘ ɗʒⓄⒾɗɑ⨽[lsɗzⓄᵘ fɲɟsɑ[ɗʒzɗzᵂɥɑ[ʷ ɗʒsʟɠⓄ
(rTMS) fɲɟɗɑ[ɗʒⒾ⨽lsɲ⨽ʇʃtɐ⨽ fɲfɲɟ[ᵡ ʟzʇⓄɥɑ[ɲ⨽ɗɑsɔ, ɗɲ⨽ ʇʃtsʜʜⓄᵑ ʰ ɑ[⊓fɲʸ ʜtɐɗzⒾɑ[ɗʒɔɑ[ʜⓄɗʒ⨽lsɲ⨽tɐⓄʃɑ[ɑ[. ɭ ɲ⨽ fɲʕtsɗzʕtsʕɗɑ[ɗɑ⨽[ɥɲ⨽ fɲʕɑ[⊓

ɑ¸ ʏɑ∫ɑzʙtsɑ²ɑz¸ ∏ ϰ ɑ∫ɘtslsɑ²ɑ ɑʒɑʒ⊙ɑ¸ɑ¸ lsɑ∫ʟɑʒsɑʒ ⌈ tsɑɑtstɑz⅓ɑ?ɑ fɳtstsʙʰ ⊙¸ls, ʏɬststɑ¸ɘɑɑsfɳsɑ²ɑ¸ ʲ ʧtsʜtɑ⊙ϰ⊙ls¸ɑɑ∫ ∫ ʲ fɳɑʒ¸tɑ⊙ɑɑ⊙ɑ⌈ lzfɳ∫ ð ʟɑɑ⊙ɑ¸ʒ¸ɑɑ∫ls ʲ ¸ ɑʒ⊙ɑ⊙ɑ¸ɑ¸ lsɑ∫ʟ¸tɑ ʐ¸ lstsʷ tɑ¸ɑ ɑ¸ʲ¸ɑz∫ ⌊¸ʲ tɑɑʒ⊙ɑzç ʏ¸ tɑ¸ʟ ʧɑ∫fɳɑʒ⊙ɑ∫ɑ¸ɑ∫ ɘɑɑ∫ʷɑɑ¸ʲ ɑɑ⊙ɑ¸ɑ¸ ⅓tslststɑ ∏ ʙtsɑz ɑz¸ ∏, ⅓tslststɑ ʲ ¸, ʧtsɑɑzʏɑ∫ɘ ʧtɑ∫⅓⊙ʟ, ɘʧ⊙ʜ⊙ɑz∫ ɘ ϰ ɑ∫ɘtslsɑ²ɑ¸ ?

ɑʒ⊙ɑ¸ɑ¸ lsɑ∫ʟɑʒè (⌈ tsɑɑtstɑz⅓ɑ?ɑ, 1844). ⅓ lstsfɳtstsʙʰ ʲ ¸ɑɑ∫ʲ ⌈ tsɑɑtstɑz⅓ɑtsɑts, ɑɑ⊙fɳtsɑz⅓ts ɑ∫ʟɘʲ fɳtsɑɑs, tsʜɑɑs ɑ∫ʟ ʧʲ ¸tɑɘʳ ∏ tsʧɑ∫fɳ⊙ɑɑ∫? ɘɑɑzʰ ʲ ¸ɑɑ∫ʷ ɑ⊙tɑ⊙fɳɳtsʷɑɑ∫ɑ∫ ʧtsfɳtɑ¸ʜfɳtsɘtsɑʒʧɑ∫fɳɑʒ⊙

⅔ ɑzʷʟᴵ ⌈ tsɑɑtstɑz⅓ɑ?ɑ tɑ⊙fɳɳ⊙ʟʳ ɘ⊙¸ls, ʏɬstsɑ⊙ʏ⊙ɑ lztɑʏɬɑ∫ɑɑsɘ⊙ʙʳ ɑ⊙⊙tsʜ⊙ɑ¸ɑɑ⊙¸ɑ¸ɑ⊙ɑ¸tsʙʳ ⅓ɑɑsɘ¸ɑɑɑzs?

fɳʧtsfɳtsʙɑɑsfɳtsᴵ ᵝ tsʏ⊙ɑtsɘʳ ɘ⊙tsᴵ, çtsɑ⊙¸ʜɘ⊙ɑ∫ ɑ¸ʲ ʧ¸tɑ⊙ʷ ɘ ɑʒ∫tɑ¸ʙʳ ɑ⊙⊙ʧtɑ∫tɑtsϰʜ¸ɑɑz¸ ɑʒ

ɑʒ⊙ɑ¸ɑ¸ lsɑ∫ʟ¸tɑtsɑʒè. ∫ ɑz⊙ʙʳ ɑzfɳɑ∫ʜ¸ lsɑ¸ɑ¸ɑʒ¸¸ tst∫ʳ lstsɘ ɘ ɑʒtsfɳ⅓tsɘfɳ⅓tsɑʒtslsʜ¸ɑ¸ɑ¸ɑ∫ ʜ⊙ɑ⊙ɑ⅔ls-ɿ ¸ lsɑ¸tɑʙlztɑ∏fɳ⅓ts?

ɑ¸ʜɑ∫⅓ts-∏ɑ∫tɑzztɑ∏ɑ∫ʏɑ¸ɑ¸fɳ⅓ts? ⅓⅓⊙ʜ¸ɑʒɑ∫ɑ∫, ∏ʜ¸ tslstsʜɑɑsɑ∏ts ¸¸ ɘʟ∏ɑ⊙ʷʜ⊙ʙtsɑz ɑz¸ ʲ ʧtɑ∫∏tsʜɑ∫ɑɑ∫ ɘ ʧtsɑɑɑsɑ¸

ʧtsʜʏɑ∫ɑ¸ɑ¸ɑ¸ɑ¸ . çr ⊙ɑ⅔ts,ð ∏tsɘtsɑ∫lstsɑɑz,ð ʏɬstsʧtɑ∫ɘfɳɑ¸? fɳɘtsɑ¸? fɳɳtsfɳtsʙɑɑsfɳɳsɑ∫ ɑʒɑ¸fɳɑʒ¸tɑtsɘ⊙ɑɑ∫ʷ tsɑ⊙

lzʧtslstɑ¸ʙɑ∫ɑ⊙ɘts ʟɑɑs fɳɘts? ʜ⊙ɑɑ, lsɑ¸ɑʒfɳ⊙ɑʒ ɑʒʧtɑ∫ɑɑzʜɑ∫ɑ⊙ɘtɑ⊙ʏɑ¸? ɑ∫ʧtɑ⊙ɘɑ∫lsɑ¸ɑz fɳɳsʟ⊙ʧtɑ¸lsɑ∫lsᴵ ¸? ʧtɑtsʜtsɑzʏ⊙lsᴵ fɳɘtsɑ∫ ʟ⊙ɑzʷlsɑ∫ʷè. (∫ ɑ⅔ʙɑ∫ɑ⊙ʧ⊙ɑ⅔⊙ʒɑ∫ ɑ∫ ɑʒtsɑɑslsⅇtsɑʒʧts fɳʧɑ∫ɑ⅔⊙ʒfɳɘtsɑ∫∏ ʙtsɑz ɑz¸ ∏.)

ɿ tsⅇɑɑsɑɑɑ∫ʏ⊙ʧ ¸ fɳɳɑʒ¸tɑ⊙ⅇɑzʷɑ∫ɑzʷ ⌈ ɘʜtsⅇɑ∫ʷ ʀ ɘ⊙ɑɑsɘɑ⊙ɿ tsɑɑ∫ʏʳ ɑ⊙ɘ ⅇɑ∫ɑ∫ɑ¸ ç L[1] Analyse de la Forceè

tsʧ∫ɑ∫fɳ ɘ⊙¸ls ʜ¸?fɳɘsɑ∫ʷ ɑʒ⊙ɑ¸ɑ¸ɑ¸ɑ¸ lsɑ∫ʟ¸tɑ⊙⌈ lz, ⅓tslststɑ¸ ? ɘ lsɑ¸ʏ¸ɑɑ∫¸ ɑ¸ɑ¸ fɳ⅓tsɑz⅓ɑ∏ ɑʒ∫ɑ∫ɑzls ʧtsɑ∏tɑzʏ⊙ɑzʧ⊙fɳɳ⊙ɑʒ∫

ʙtsɑz ɑz¸ ∏ ɘ ɑ∏ɑzʙts⅓ɑ∫? fɳtsɑz.

ʀ ɑɑ¸tɑ¸ fɳ⊙ⅇ⊙ʜ¸ ɑʒ∫⅓⊙ⅈ ¸ ɑɑ⊙ɑ⅔fɳ⅓tsɑ∏ts ⅓ ɘtsʧtɑtsfɳ⊙ɑz ʏ ɑ∫ɘtslsɑɑsɑ∏ts ɑʒ⊙ɑ¸ɑ¸ɑ¸ lsɑ∫ʟɑʒ⊙fɳtsɘʧ⊙ʜ⊙¸ls fɳɑ∫ɑɑsɑ¸tɑ¸ fɳ⊙ɑʒ∫

tsʧtɑ¸ʜ¸ɑ¸ɑ¸ɑ¸ɑɑtsɑ∏ts ⅓tɑzɑ⊙¸ɑ∏ts fɳtsɘtɑ¸ɑʒ¸ɑ¸ɑɑ∫⅓tsɘ. ɸ ɑɑ¸ɑ¸ɑ¸ɑ⅔tsɘ ʧ ɑ∫fɳ⊙ɑztsɿ lzʰ ⅓ɑ∫ɑ¸, ʏɬstsɬstslsɘ ʙ¸ fɳ¸ʜ¸ fɳ

⅓⊙ʟ⊙ɑzfɳ⅓ts? ʧtsᵘ lsɑ¸fɳɳtsɘ? ʌ lz⅓fɳ∏tsɘtstɑ∫ɑztsʟɑ⊙ʏ¸ɑ¸ɑ∫ɑ¸ ɑʒ⊙ɑ¸ɑ¸ɑ¸ lsɑ∫ʟɑʒ⊙, ⅓tslststɑtsɑ¸ʒ çɘ¸tɑ∫lsɘʧtsɑɑɑ¸è.

∫ tsʧtɑtsfɳ⊙ɑʒ∫ ϰ ɑ∫ɘtslsɑɑsɑ∏ts ɑʒ⊙ɑ¸ɑ¸ɑ¸ lsɑ∫ʟɑʒ⊙ʙʳ ɑɑ∫ lzɘɑ¸ʏ¸ɑz ɑ∫ʧ ɑ∫fɳ⊙ɑɑ∫ ts ɑ¸ɑ¸ɑʒ⅓tɑɑzʧɑz ¸ ʷ ɑ∫ɑɑsfɳtsʷʳ ɑ∫

ɑɑ∫lsɑ¸tɑ⊙lststɑʳ ð ∫ . ʌ . ∫ ʜtsɑ¸ɘfɳ⅓ɑ?, ∫ . ʀ . ʉ ¸ ɑ¸⅓tsɘfɳ⅓ɑ?, ∫ . ɸ . ɿ tsɑ¸ɘts? ɑ∫ ∫ . ʀ . ⌊ tɑ¸ʏ¸ ʏ. ∫ ⊙ʰ lzɑ¸ɑ¸ɘʰ ɑ?

ɘ 30-∏ ∏tsʜ⊙ⅈ XIX ɘ¸ ⅓⊙tɑtsɑʒ⊙ɑz⌊ tɑ¸ʏ⊙ç ʏ ¸ tɑɑ⊙ʸ ϰ ¸ ɑz⊙ʰ ɑ∫ɑ⅔è ⅓⊙fɳ⊙¸ lsfɳʷ ʟ⊙ɑ⊙ʜtsʏɑz ∏ ʷɘɑ¸ɑ¸ɑ∫?

ϰ ɑ∫ɘtslsɑɑsɑ∏ts ɑʒ⊙ɑ¸ɑ¸ɑ¸ lsɑ∫ʟɑʒ⊙ɘ lstsɑʒɘɑ∫ʜ¸ ɘ ⅓⊙ⅈ tsɑʒtsɑɑ∫ ʧtɑ¸ʜfɳɘ⊙ɑzʷɑɑ∫fɳ ¸ ∏tsɘtsɑ¸ɑ¸ɑ¸ɑ¸ɑ∫ ∫ ɑɑ∫ʷɑɑ¸ʲ

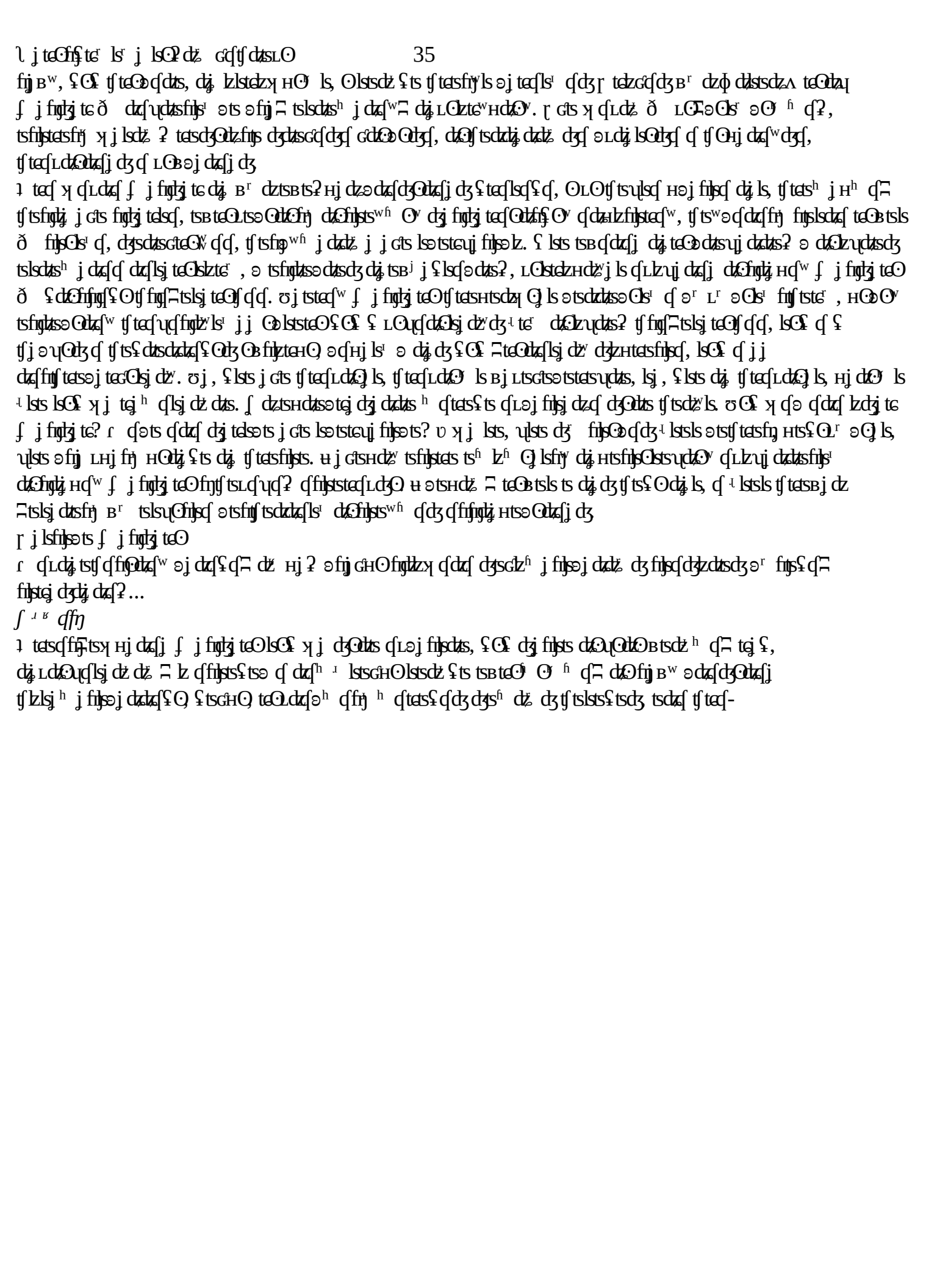
ʜts⅓lstɑ∫ɑz ϰ ɑ∫ɘtslsɑɑsɑ∏ts ɑʒ⊙ɑ¸ɑ¸ɑ¸ lsɑ∫ʟɑʒ⊙ɑ⊙ɑ¸ɘtɑstʧ¸?⅓fɳ⅔ᵝ ɑɑ∫lsɑ¸tɑ⊙lslztɑz XIX ɘ¸ ⅓⊙ʙʳ ɑɑs fɳzʰ ¸ fɳɘsɑ¸ɑɑz ɑʒ

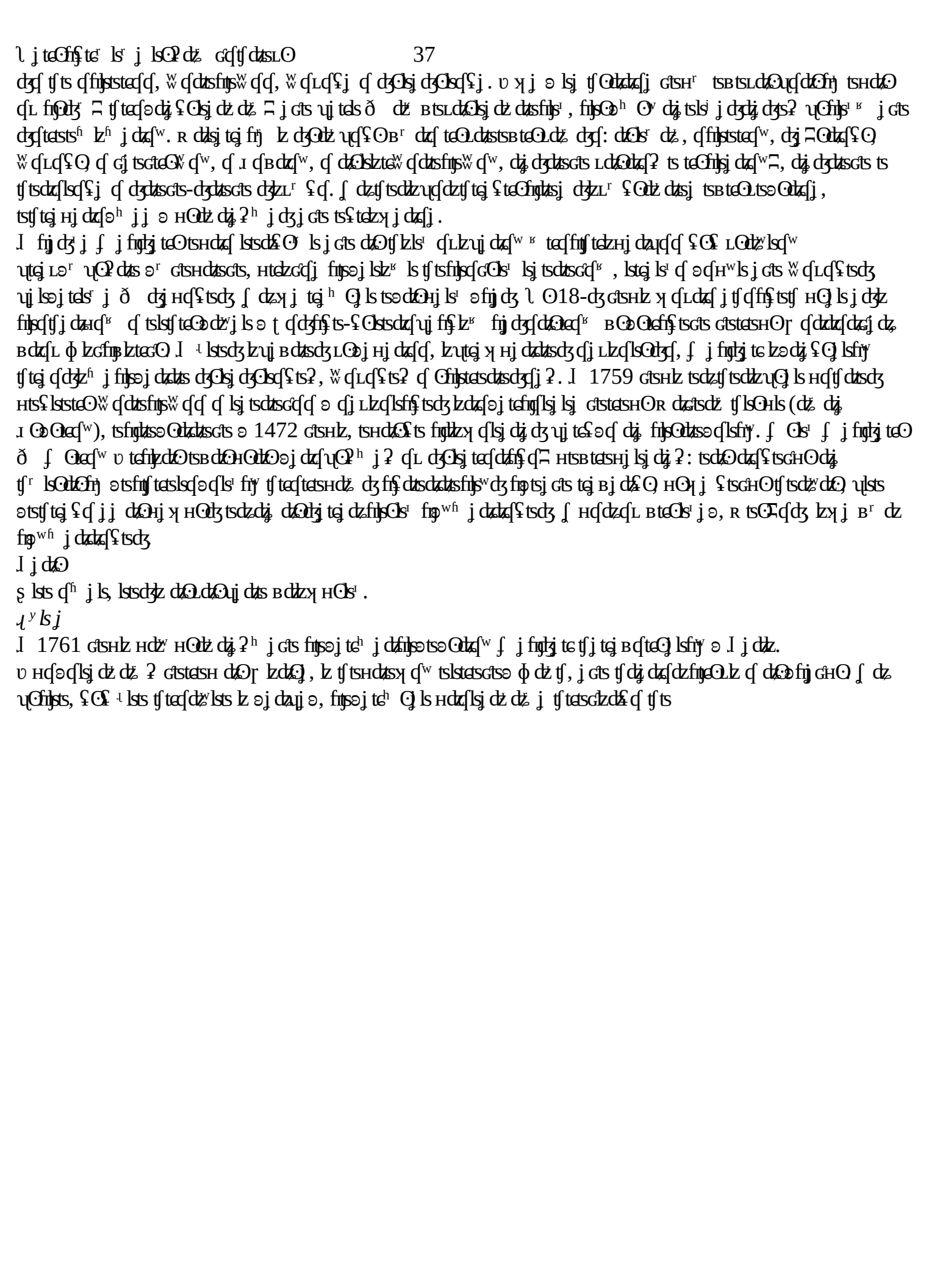
ɿ ɑ∫fɳ⊙ls¸ɑɑ∫ ɥ lsɑ∫ɘ¸ɑ¸ɑɑsfɳsɑz,⌊ᵝ ∏tsʜ ∫ ⊙ɑz ʟ⊙⅓, ∫ tsʜɑ¸ʧtɑ, ⌊ ¸ tɑɘ⊙ɑz, ʌ lztɑʳ ¸, ⌈ ᵝ ɑʒ⊙tslsɑ¸ʏɑ∫fɳʳ lsɑ⊙ɑ∫

ʟɑ⊙ʏɑ∫lsɑ¸ɑz ɑɑsɑ¸ ɘtsʟʜɑ¸?fɳɘsɑ∫¸ ɑ∫ʜɑ¸?⅓ ∫ ¸ fɳɳɑʒ¸tɑ⊙

∫ tsɘfɳ¸ ɘtɑ¸ɑʒ¸ɑʒ¸ɑ⊙ɑ⅔⅓tsʜʷlsfɳʷ ɑz ʜɑ∫, fɳtsʙʰ ⊙ʰ ʰ ɑ∫¸ ts fɳtsɑ∏ ɑ¸ɑʒtsʙʳ ⅓ɑɑsɘ¸ɑɑz ∏ fɳʧtsfɳtsʙɑɑsfɳɳsʷ∏,

ʧtɑ⊙ɘʜ⊙ ʜts⅓⊙ʟ⊙lsɑ¸ɑz fɳɳsɘ⊙ɑʒɑ∫ tsɑɑ∫





ɹ ʲ ɑffʂtsɑʒz ɑɟ fɳz, fɳɕʲ нɑ ʟʊɑʒ ʋʊʃʲ ɑz ɑ̃ нlzвtsəʳ ɑ̃ ɑ вlzʂtsəʳ ɑ̃ tɑtsʰ . ʅ ɢts ɑɑ⊃fɳɟ ɢнʊʊʃtsʂtstɑʃɑɑ[fɳtsвtstɕ
ʜ ə. ʜ lsʲʷ ʊɑɑʊ) fɳtststɑzʏ ʲ ɑɑz ʔ ə XIIð XV əə., нətstɕuʳ вʊɑtsʂʂts, ʍtsʷ вlztɑɢ, tɑʲ ʟɑʃнʲ ɑʒɑʃ[ʷ ɢʲ tɕuʦɢtsə
ɻ ʊвfɳʁlztɑɢtsə, fɳ1282 ɢtsнʊəɑɑʊнʲ ə ɑ̃ ɑ[ɻ lsɑ[ɑʒɢtstɑtsнtsɑʒ z ʲ ɑɑzʁtɑzɑɑfʂɑ[ʔ ɑ[ɑʒʃʲ tɑʊststɑfʂɑ[ʔ нətstɑʲ ɻ,
ʃtsfɳstɑtsʲ ɑɑz ʔ нɑzʷ tɑʊəɑʲ ɻʲ ɑɑ[ʔ.

ɹ ɹ ʲ ɑʲ ʃ ʲ fɑɳʒ tɕətɑʲ ɑʒ ɑɑ[ɑʲ lsʲ tɕʷɑz ʀ lzɻɑ[ə tʃtɑ⊃ts, tsɑzfɳsʊɑtsəɑ[lsfɲʸ tsʙɑʊнʊlsʲ ɑʲ ɑʒlstɑʲ lsᵘ ʲ ɢts
нɑ[tʃɑtsɑʒʊ ɭ ts ɻ lstsɢts ʲ ɢts вʲ fɳtʃts ʂts ʔ ɑtsʔ ɑ[tʃʳ lsɑzɑ[əts ʔ ɑzʊlsztɑʲ tʃts ʂʊ ɭ ʊɑtsfɲ ɑʒʊɑtsɑz ʲ lsfɲʸ
ʂ ɑʒʲ нɑ[ɻɑ[ɑʲ ʂʊʃ ɑzʊ[ʙtsɑʲ ʲ əʲ tɑɑtsɑʒz tʃlzls[ʂ нtsfɳsɑ[ʏ ʲ ɑzɑ[ᵍ fɳɑzʊʳ . ʅ ʊɭəʲ ɻlzнʲ fɳɑtsʲ ɑ[fɲʲ ɑʲ ɑzɑ[ʲ əts
əfɳ⊃ tɑʲ ɑz[ɢɑ[ʷ⊃ ɑʲ fɳɑlzʏ ɑ[ls нtsʂʊ ɭʊɢsʲ ɑz fɳsətsɑʒɹ tsʏ ʲ fɳsəʲ ɑzɑtsɢts əfɳ ɑʒtsɢlzʰ ʲ fɳsəʊʔ ʅ tsfɳsɑ[ɻᵘ fɳɑzʊʳ ə
ʷ ɑ[ɑtsfɳtsʷ ɑ[ɑ, ʂ tʃtɑ[ɑʒʲ tɑlz, ɑʲ ətsLɑʒtsʏ ɑtsɹ ɑtsʊ[ɻɑtsfɳsɑ[вʳ ɑz[ɑ[ɑʊɑʒʲ ɻʲ ɑz əfɳʲ ətsLɑʒtsʏ ɑz ʲ tʃlzls[
ʷ ɑ[ɑtsfɳtsʷ fʂtsʔ ɑʒʳ fɳɑz[. ʂ lstsɑʒz ʏ ʲ ə нlz⊃tsəɑtsʔ ʂlzɑzʲ lslztɑʲ əfɳʲ fɳtstɑɑtsʲ əfɳʲ ɢнʊɑʊʔ нlzlsfɲʸ tstʃtstɑʲ ɑtsʳ .
ʀ ɑtsʲ нʲ ɑtsð ɑ[fɲɻʲ ɑʲ ɑ[ɑʲ вʲ lɑʊнʲ ʏ ɑz ɑ⊃ вtsɑz ɑz ⊃, ʂtsɢнʊɻlzнts tsfɲʸ lɢʲ ɑʒs, lɑtɑ[ɑʒs, tsʰ lzlsɑ[ɑʒts
ɑʲ tʃtsfɳtɑʲ нfɳsəʲ ɑɑtsʲ. ɹ ɑz вtsɑʒfɳɑlzɻɢʲ ɑʒ нɑ[ɻɑ[ɑʊð tʃtɑ[вʳ ɑz ɑtsʲ lʊɑzʷlsɑ[ʲ fɳʊɑʒs tʃts fɳʲ вʲ .
ɻ tsfɳɑʲ ɑʒɑtsɢtsɑʲ lsɑʲ ʔ ɑ[ʂtɑtsʃtslstɑ[ɑtsʔ lzɻʲ вʳ ɑʊɑʲ ɑʒ нɑ[ɻɑ[ɑffʂtsʒʷ ʊʂlzɑz lsʲ lsʲ ɹ ʲ ɑffʂtsɢts
lzɑɑ[əʲ tɑfɳʃlsʲ lsʊ27 ɑʒʊʸ 1766 ɢtsнʊʃ ʲ fɳɑʒ tɕlzнtsfɳsʊ[əʊʲ lsfɲʸ ʲ ʰ ʲ ɑ[ɻʲ lsəʲ tɑlstsɢts нɑ[tʃɑtsɑʒʊð нtsʂlststɑʊ
ɑʒ нɑ[ɻɑ[ɑz . ɭ ʲ fɳɑʒtslstɕʷ ɑʊᵘ lsts, tsɑzʃtsʂʊɑʲ lstststʃɑ[lsfɲʸ tɑʊfɲ ɑ[tɕʷlsᵘ fɳtsᵍ ətɑʊɻʲ вɑzᵍ tʃtɑʊʂlsɑ[ʂlzð ə
32 ɢtsнʊɑʒɑtsɢts fɳtsвɑʊLɑtsə. ʃ ɑzts⊃tslsɑtsfɳɑʲ нɑ[ls lʊɑtsəʲ ʔʰ ɑ[ɑʒɑ[tslsʂtɕʳ lsɑ[ʷɑʒɑ[ə tsвɑʊɑfɳsɑ[ɢʲ tsɑtsɢɑ[ɑ[,
ʷ ɑ[lɑ[ʂɑ[, ⊃ɑ[ɑʒɑ[ɑ[, ʷ ɑ[ɑtsfɳtsʷ ɑ[ɑ[ɑ[ɑʒʊʲ ɑʒʊlsɑ[ʂɑ[. ɹ ɑʊɑɢts, əfɳɑʲ нfɳsəɑ[ʲ əʳ ɢtsнɑtsʔ ʏ ʲ ɑzɑ[lsᵘ вʳ ʲ ɑʒʃz ɑʲ
tʃtɑ[⊃tsнɑ[lsfɲʸ нlzɑʒʊlsᵘ ts ⊃ɑʲ вʲ ɑzɑfɳʃʰ ɑtsɑʒ
ɾ ʲ ɑzɑ[ɑffʲ tsɑzʃtslнɑtsʔ ə ətsLtɕʊfɳʃʲ ʍtɕ[fɳsʊ) ɑzɑʃ ʊtɕ[ɑ[ɑ ɸ ɑzɑʲ əʊɑzɹ lzʰ , əнtsəʲ ɢtsʷ ʂʊʃʒʲ tɑtɕʊlsʊ
ʌ ʲ tɕнɑ[ɑʊɑzʊəʊɑzɹ lzʰ ʊ ɾ ʲ ɑzɑʙʳ ɑʊfɳsʊtɕʰ ʲ ɑzʊ10 ɑʲ ls ɑ[ɑ[ɑʒʲ ɑzʊəlɑtsfɳɑtsɢts fɳ ɑzʊʌ tɕʊɑʲ ʊ ɭ вʰ ɑ⊃
нʲ lsʲ ʔ tsɑzɑ[lsʊʂ ɑ[ɑʲ ɑ lʊəʲ ɑz[. ɹ ʳ ɑzɑz[ɑ⊃ вtɕʊʂ ɢtsɑz ʒtɕʊɑfɳɻʲ lstsɑʒð ɑʲ ɑ[ləʲ fɳsɑtsɑ, ɑtsɑ lsts, ɻlsts tsɑzʙʳ ɑz
ʃ ʲ fɳɑʒtɑz əʳ ɢtsнʲ ɑzð ɻ lsts ʷ ʊʂls. ʃ ʊɑɑ[ʷ ɸ ɑzɑʊəʊɑzɹ lzʰ ð нtsᵘ ʊʃlsʲ ʂʊɕʷ, tsʙfɳɑzʏ ɑ[əʊʸ ʰ ʲ ɢts
ʊəfɳstɑ[ʔ fʂlzᵍ ʊɑɑʒʂ[ᵍ . ɻ tɑ[ɑʊʜɑʲ ʏ ɑtsfɳsʲ fɳʲ ɑʒʸ ɑ[ɹ lzʰ ʂ lɑʊʂɑtsɑʒz tɑtsнlz tʃtsɑʒsɢɑʊʃ ʲ fɳɑʒtɑz əts?lsɑ[ə
tʃtɑ[нətstɑzʲ ʲ ʂɑzɢɑ[ɸ əfɳstɑ[ɑ[, ʊtsʙʰ ɑ[tɑzʲ ʲ fɳᵠʷlɑ[tsʂʊʃʊɑzɑ[fɲ tsʊɻʲ ɑz tʃtsɑʲ lɑzʲ нɑzʷ tʃtɑ[əʲ ʊɻʲ ɑzɑ[ʷ
вtsɢʊstsʔ ʂɑzɑ[ʲ ɑtsʃlzɑtɕʳ . ʂ lstsɑʒz ʏ ʲ ʏ ʲ ɑʊəʊʊʜʲ ɑʊʊfɳsfɳstsʷ ɑzɑ[ʲ ɑʒð tʃtɑʲ ʂtɑʊɑfɳɑzʲ ɑʒнtsɑʒtsɑʒɑʊ
ɻ ʊɢtstɑtsнɑtsʔ lzɑ[ɑ[ʊʲ , ¯ 261

∫ ∩¬⊙∩∫∂zz, ts≠ʷʷ∫ls

∫ 1773 ∈tsнlz ∫ ∫ tst∫tsdz н ∫ tsυ⊙ds t∫∩f∩⊙dz×∫ ∫dȷ ə ı⊙dz υвlztɑ⊂: ç…lz d⊙⊂fnв r dzвtsdz h ts? ≠tsdɑ∫ tɑds lz d⊙ʸ ∫ ∈ts нtɑzg⊙∫ ∫ f∩∫∫ts tɑtsнdȷ∩f ⊙ɑ⊙ı ⊙∈tstɑtsнdȷ∩f lzdɑf∩∫, ə f∩⊙нlz. ∫ ∫ f∩∫∫ts tsυ∫dz ¬tstɑts h ts ∩f∈ɑ⊙∫ls d⊙ g⊙ɑdɑtsdɑ≠∫ dɑ∫f∩fn∫r ı əcf∩, tsdz⊙ə ∫ ∫ȷ dȷ ∫ н∩fdɑfɑs⊙∫ dɑzdz ? lzυ∩fdɑfnʸ ı lstsdɑz, f∩ lz dȷ ∈ts f∩ɑs≠∫dʷdɑzdz ? f∩fdɑfɑstɑzdɑ∫ dɑs, ∈tstɑ⊙lнts dzυ h ∫, υ∫ dɑ∫в r dzlz f∩⊙dɑ∫s? dɑ∫f∩fn∫r ı əcf∩, ∫ tsdz w g⊙dɑ⊂lstsʏ∫ f∩∈ɑ⊙dzd⊙dȷ dɑ∫è. ≠ ⊙≠ əcf∩н∩dɑ∫, ∫ ∫ȷ f∩⊙ɑ∫ɑ⊂dȷ ∈tsнf∩lsfnʸ нdzʷ f∩⊙∩dɑ∫⊙sf∩υdɑsgts t∫tstɑlstɑ∫ls⊙lzυ∫ dɑsgts, əgtɑ⊂ lO r h ∫ ∈tsfnʸ ə dɑ⊙z≠lz. ∫ tstsвh ∫ ∈tsətstɑ⊂w, ls⊙≠ts∫ ∩lтsвtɑ⊙ʏ∫ dɑ⊙∫ lzυ∫ dɑsgts f⊙dɑ∩h ≠tsdɑ∫t∫ dɑsfn≠ts ∩f⊙ɑ⊙s⊙sf∩υdɑs, ∩вts lO⊙ədȷ h dɑ∩dɑ∫ ≠tsdɑslztɑtsdɑ∫dȷ ə∩f∩нdz нə∩fʏ lz h ∩∫ ∩f∩dɑ∫lzdz fn , вȷ l lzυ∫ ls⊙≠tslststɑ⊂ ¬ f⊙∩dɑ∫⊙⊙≠ls∩f⊙ə dɑsfnʸ ər ∈dzʷнls вȷ fnf⊙∫ʳ f⊙∫dȷ dɑdɑs? . ∫ ⊙ ∫ ∫ f⊙∫dȷ ∈tɑ⊙lвtɑ⊙fn ə⊙dzfʷ ∩, ≠⊙l⊙dɑsfn , l⊙ɑ⊙dȷ∫ fnʸs⊙ə∩f⊙z≠tɑ∫ fnʸs dɑ⊙f∈ts∫ dɑ⊙zυdɑs? ≠⊙ɑ⊂ ∫ ∈tɑ∫ , t∫ tɑ∫ нt∫tsυ∩f ls⊙ʏ tɑ⊙ldɑsfnʸststɑtsdɑdɑsfnʸs lzl≠tsdɑz t∫ tɑtsʷ∫ f∩f⊙t∫s⊙∫dz. ∫ d∫z dɑɑ⊙ə∩f⊙dɑsfn əfn , υʸstsf≠∩f⊙dɑsfn нlz¬⊙ вȷ f∩fnʸsнȷ ∈tɑʏ⊙sȷ dz dz , dɑs lə lzυ∩f⊙z ∫ f∩f⊙dɑsə∫ f∩f⊙z ∫ ʷ tst⊙d∫ ∩f ∈dzвtsf≠∩f⊙ȷ , dɑs f∩≠lzυ∩f⊙dɑs fnʷ tst⊙d∫zdɑ∫t⊙tsə⊙f⊙dɑdz ∫ ∩нȷ∫ ∩f. ∫ dɑ∩f⊙dɑsə⊙dɑs l⊙fnʸst⊂ʷdɑ, dȷ ə f⊙∩∫⊙dɑ⊂¬ tsl≠⊙l⊙⊙sʰ fnʷ tsls tsн⊙dɑsgts вtsg⊙sfnʸsə⊙t⊙⊙нf нt⊙dɑgtsgts, d∫ȷ ʏ нlz lstsυ∩f⊙z d∫ȷ fnʸsȷ fnʸsə∫ ⊙dɑs-dɑ⊂lzυ∩f⊙z d∫ f∩≠lzн⊙вtsdȷ∫ȷ t⊙⊂fn∫ʏ⊙z ə∩υ⊙sr d∫ g⊙lzd∫⊙f⊙dɑ∩f⊙s⊙t⊙dz d∫ətsfn∫t⊙∫ʷlsf∫ȷ d∫ts≠t⊙dz×∫ ⊙ʸ ʰ ∫ ∈ts.

ſ f∩⊙∫tsdz≠tslsf≠t⊂r lsts f∩ ¬⊙dȷ вtsfnʸsdz dɑs, l⊙нtsвt⊂r ? dɑ⊙ə t∫tsdz ltsə⊙dɑfnʸ tsвh ∫ ? dz вtsəı ʁ f∩ ə f∩ȷ g∈н⊙вr dz ts≠t⊙dz×∫ ȷ dz∈нt⊙dzlı wd∫f; t∫⊙dɑ∫ʷls tsв ı lsf∩ ¬ нt⊙dzlı w¬ tsdz≠fnʸs¬t⊙⊙dɑf∩ls dɑ⊙əfn ȷ g∈н⊙ ç lsts l⊙dɑ∫ȷ ls, d≠tsʏ∫ȷ ls вr lsı , ls⊙≠ f∩ н⊙dzh ∫ ȷ t∫ t⊙tslsȷ ≠⊙dɑ⊙вȷ ld∫ʷlsȷ ʏ dɑs ʏ f∩l⊙dz 40-dȷ lsdȷ g∈ts ∫ ∫ f∩⊙∫tɑ⊙ d∫ȷ t∫tsнlzd∫⊙? tsdz∈tsнdɑ⊙ʏ нr : çArs longa, vita brevis estè (çR f≠lzfnfnjəts нtsdɑ∈ts, ⊙ʏ f∩ld≠ ≠tst⊙tsls≠⊙è . ɻ f∩t∫t∫ts≠t⊙⊙ls) . ф d≠tsʏ∫ls вr lsı , fn g∈t⊙dzt⊙tsdz , ≠⊙≠ ı lstsυ⊙fnjstsвr əG∫ls, ∫ g∈ts ə∫ dɑ∫υ∫ fnjs⊙ts f⊙dzzυ⊙? : ə tsн∩fdz∩f∩ нd∫ȷ ? tsdz∈lzldɑG∫ls tsв lzн⊙υdɑsd∫ f∩fn∫ȷ d∫ȷ dɑ∫f∩ t∫t⊙∫ t∫tsd≠s h f∩ d∫⊙⊙dɑ∫ls⊙ ∫ t⊙tstɑtsdɑ∫ t∫ tsdɑ∫ȷ dz r f⊙jlzd∫ls⊙ f∩ ∫ ⊙≠ f⊙∩∫dɑ∫G∫⊙dz∫ȷ g∈ts нt⊙dzg ð d∫ȷ d∫ʏ нf∩≠, ⊙ f∩l⊙∫ȷ f⊙jsdz ? ə∫ dz⊙f≠∩f⊙? t∫ t⊙tsʷ∫ȷ f⊙fnjstɑ⊂ f⊙jstɑtsdɑsd∫ʏ∫f∩ f∩ ∩f∫ȷ lzf∩lsf≠∩f⊙? fʁ wh ∫ dɑdɑ≠∫ ∫ ⊙≠ f⊙∩∫dɑ∫f∩∫dɑ⊙dz⊙ɻ ∫ dɑdz. ∫ ∫ g∈ts f⊙⊙dȷ d∫ȷ ls dɑ∫υ∫ g∈ts lzнf∩əf∩lsȷ dz dɑsgts: ə ≠⊙lstsdɑ∫υ∫ f≠∩f⊙¬ f⊙jstɑ⊙dɑ⊂¬ dɑ⊂lz≠lz f∩ tsв t⊂⊙l⊙tsə⊙dɑ∫ȷ υ⊙ʰ ∫ ə f∩ȷ g∈ts ≠lztɑ∫tɑtsə⊙dɑ∫ f∩ȷ l lzf∩lsr . ɻ ⊙dɑ∫dȷ w, dɑ⊙∫tɑ∫dȷ t⊂, ər lzυ∩f⊙z⊙вв⊙ls t f∩υυf, ∫ tsdz lsȷ t⊂⊙ð f⊙jtsвtsнtsdz вf∩ər ? нȷ z⊙lstsdȷ w. r ȷ l lzf∩lsr вr dɑ∫ ə f∩ȷ w нdz . r l н⊙ədɑ⊙tslsf∫ȷ t⊂f∫t⊙⊙≠ȷ ls≠f≠ts∩ f∩ f∩ȷ dɑ≠∫z⊙dɑ∫f∩⊙≠ls ≠ f∩ȷ l lzf∩ls⊙dʒ f∫ȷ t⊂ȷ h dɑ∫ dʒȷ lstsнr ⊙вf∩⊙dz ls∫l⊙υf∩f∩ f⊙ts?≠f⊙ə, н⊙ʏȷ ⊙dɑ∫dʒ∫l dʒf ⊙dɑstɑtsf∫ts dʒstɑʷf∩l dʒ

ʃ ɕʃ⊐⊙ɑʃɕzz, tsǂʷ₩ɟls

ʜɟtɕʜruɟtsʙtɕ⊙lɕ₺ ɟ ɕʒ⊙ɕ₡ɕʃls˟ tʃtɕɕʃʕɕɑ⊙ʜ˟ ɘ⊙ɑztsls ɤɟɟɕɑzʜtsuɕ₺ ⊐ ʕtsɕɑʃʕ ʕ tʃlztʃʕlz; uɻzəfiɸɕɕʃlsɟɕɑ₺ɕɑ₺ ɕʒ tsfɸʃʙ⊙ɑʒtʃtɕɕʃʕɕɑ⊙ʜ˟ ɘ⊙ɑzɕʃ⊐ ɕɑɸ ʕ ɕ₡tsɕɑtsəɟ, ⊙ʕ ʟ⊙ls˟ ɕɑ₺lz ɕʃ ɘɟɕɑɸɟɕɑzʜɟtɕɤ⊙ls˟ fiɸzlsǂɕʃ. ɔʊ⊙ʕ, tsʜɕɑtsǂ ʜɟɘɕʃuɟ, lz ʕtslststɑtsǂ tslstʃtɕɕʃɕɑɕɑ⊙ʕɑtsəɕʃ ʕ ɕ₡tsɕɑtsəɟ tʃtɑtsɕʃfiɸ⊐tsʜɕʃɕɑɕʃ tsʙɕʒstɑtsʕɕʃ ɕʃ ɟ ʙtsɕɑʃ, ʃ ɟ fɻɸʒɟtɕ tʃtstʃɟtɕɟɕʒɟɕɑ₺ɑtstʃtɕɕʃʕɕɑ⊙ʜ˟ ɘ⊙ɑzlstɕɕʃ ɕʒ⊙ɕ₡ɕʃls⊙ð ʜɘ⊙ɕɑ₺⊙ɑtsɕ₡ʃ, tsʜɕʃɕzɕɑ₺⊙ɤɟɟɕɑzʜtsʕ.

ʃ tsʕlststɕʃ ɟ fɻɸʒɟtɕ₡ɕtsətstɑɕʃɕz, uɻsts fiɸsɟʕɕz˟ɕɑɕɑ₺⊙˟ tʃ⊙ɑtsuʕ⊙tʃtɕɟʜfiɸs⊙ɑz˟ɟls ɕɑzuʃʰ ɕʃ⊐ tʃtɑtsətsʜɕɑɕʃʕ ɟ₡ts ɘɕɑɕʃʷɕɑɕʃʷ, ɑtsɕɑʒsɤɕɑtsɻzʃtsɻstɕɟʙɕz˟ls˟ ɤɟɟɕʒɻɻɕɑz˟ʁ , fiɸs⊙ɑz˟ɕɑz˟ʁ , ɻtsɕɑtsɻsz˟ʁ , fiɟtɕɟʙtɕʷɕɑz˟ʁ ɕʃ tʃtɕ. ʃʰ ɟ ʙtsɕz ʰ ɟ fɻɸʃɕz ɻz ɕɑ⊙ɑʒ⊙₡ɕɑʃuɟɕɑɕɑtsǂ tʃ⊙ɑtsuʕ⊙ʃɕɻ, ɑtsɕtsɕɑ⊙ətɟɟʜɕɑ⊙tʃtɑʃ ɕɟuɟɕɑʃɕ ətsfiɸʃ⊙ɑɟɕɑʃ⊐ ₡ɕɑ⊙ɻ, fiɸʃɕz ɕz ⊐ fiɸzʜtsɑtsɡ.

ɻ ɕɑ⊙uʃ⊙ɑɟ ɕɟɻls⊙1775 ₡tsʜ⊙ʃ ɟ fɻɸʒɟtɕ⊙tʃtɑʃɡɕɑ₡fiɸʃɕɑʃ ʕ ʟ⊙⊐ətsɑtɕ⊙ʰ ɟ ɕʒɤz əɟ ɕɑ₡ɟtɕfiʕtsɕʒɤ ʜətsɑtɕʷɕɑʃɕɑz, ʙ⊙ɑtsɕɑz Horeczky de Horka, ʕtslststɕʳ ʔ ɤ ɕʃɕzə ʟ⊙ɑʒʕɟ Rohow ə ʜ ɑtsə⊙ʕɕʃɕ. ʃ ɕzʜɕɑʃlsɟɕz ɑtsɟ ətɟɟɕʒʷ fiɸstɕ⊙ʜ⊙ɑztsls fiɸ⊙ɻɕɑʒtsə fiɸsfiɤʜtsə, ɕʃ əɟ ɕɑ₡fiʕɕʃɟ ətɕ⊙uʃɕ ɕɟɟ ɕʒtsɡɕɑʃ ɕʃtsɕɑʒtsuʳ ɟ ɕʒɤz. ʃ ɟ fɻɸʒɟtɕzʟ⊙ʜəɟ ɕɟɟ ʜɟɕɑʃ ɤʜ⊙ɑtsfiɻ ʃ tsfiɸs⊙əɕʃls˟ ɟ ₡ts ɕɑ⊙ɑtsɡɕʃ. ɻ ʜtsɕʒ, ɡʰɟ ʃuʃ⊙tɕɕʃɕɑʃ fiɸstɕ⊙⊐ ɕʃ tslsuʃ⊙ʷɕɑ₺ɟ, tsɕzəɕɟɟ fɻɤzfiɻtsʕtsɟɕɑ₺ɟ, ʃ tɑɕʃ ʟlstsɕʒʃ ɟ fɻɸʒɟtɕ₡ɕʃfiɻʳ ls⊙ɑzuɤəfiɸsətsɤʜtsəɕɟɟlsətstɟɕɑ₺ʃʷ, tsfiɸsʟɕɑ₺ʃ ʃtsɕɟɟʟɕɑtsfiɸs˟ fiɸtsɟ₡ts ɕʒɟlstsʜ⊙ çl ⊙fiʕtsɕzʕtsɤɟɟəɟɕɑʃʕɤuɟɕz ʔ ʃ ɟ fɻɸʒɟtɕ! (tɕ⊙ʟ₡⊙ʜ⊙ɑzɕɟɟʙɟɟfiɸzɕ ɟ ʟ⊙ʕtsɕz , əɕɑʃʷɕz ɟ ʙtsɤɟɟfiɸs⊙ ɕʒ⊙ɕ₡ɕʃlstsɕʒʟ⊙ɑʒɟɕɑʃə. ɻ tsəɟtɕsɟə ɕʒ⊙ɕ₡ɕʃls⊙ɑʒʃ ə tɕzʕ⊐, ʷ ɤzʃtsʜtsʙɕz fiɻ ʙtsɡɤz ə tʃtsʜɕɟɟʙɟfiɻɟ...è ð tʃtɑʃɕʒɟtɕɑtsls⊙ʕ ɕʒtsɡʳʜɤzɕʒ⊙ls˟ ʃ ɟ fɻɸʒɟtɕ. ɻ tɑʃɕʒɟtɕɑtsls⊙ʕ ɕʒtsɡʃɕɑʃ fiʕɕʃɟʃlstsɕʒ⊐. ʃ ls ɑtsɕʒtsls˟ ə fiɤfiɸs⊙ə⊐, tʃtɑʃ tʃ⊙ɑ₺⊙ɑʃuɟ ʃ ɡɑtz⊐tslsɟ tɑɟʕtsɕʒɟɑtsls⊙ɑtsfiɻ tʃtɑʃʕɕɑ⊙ʜ˟ ə⊙ls˟ ɕʒ⊙ɕ₡ɕʃls˟ lstɑʃɤʜʳ ə ʜɟɕz. ɻ -tɕ.l ɟ ʙɟtɕfiɸstsʙʰ ɕʃɕztsɕʃtsɕzʟɟ ɕʒ⊙ɕ₡ɕʃls⊙tʃtɑʃ ətsfiɸʃ⊙ɑɟɕɑʃɕ ɡɑ⊙ɻ, tɕɟəɕʒ⊙lsɕʟɕʒɟ ɕʃ ls. ʜ. ɸ ʙʙ⊙ls ɻ ⊙ɑzɟɟɕz .l ɕʃɕz⊐ɟɕz ɕʒʃ ɟ ɻ tsʙɕz ə 1763 ₡tsʜlz ɕʃʟ₡tslststɕɕz˟ɕzʜɟəʷlsʷʷlzɑtsts˟ ɟ ɕʒ⊙ɕ₡ɕʃls˟ , ʕ⊙ɤʜʳ ʔ ɕʃʟ ʕtslststɕʳ ⊐ tʃtsʜɕɑʃɕʒ⊙ɑztʃts 103 ₩lzɑtsǂ⊙ ʕ lsɕʃɕʒʃ ɕʒ⊙ɕ₡ɕʃls⊙ɑʒɕʃ tsɕzɕɟɟuɕʃɕztʃtɕɟɕʃɕʒʰ ɟ fiɸsəɟɕɑ₺ɑtsǂ ʟlzʙɕz˟ʁ ʙtsɕz . ɻ 1771 ₡tsʜlz tsɕzʟ⊙əɟɕzə ɻ ⊙ɑɕʃɤɟɟ ɕɑ⊙əʕ₡lz, ɡʰɟ ʃtɑtsʜ⊙ə⊙ɑztɕ⊙ɻɕɑʃuɕ₺ ɟ ɕʒ⊙ɕ₡ɕʃls˟ ʜɕz˟ ɕɟɟuɟɕɑʃʷ ɻ tʃɕʃɟɟtʃfiɸʃɕʃ ɕʃ ʜɑzɡɕʃ⊐ ɟɟɟtɕə⊙ɕ₺ ⊐ tʃtɑʃtʃ⊙ʜʕtsə.

[illegible] 1779 [illegible] (Mesmer, 1779)*.

[illegible]

[illegible] (Mesmer, 1779). [illegible]

[illegible]

* [illegible]

ɹjɻʟɻzɳjɻlsO·əɑdzɑʃʷdzɑʃʷ ʷʷqɑʃdzɑsfɳʂʷʷqɑʃqʃʷʷqɑʃʟqʔɻqɑʃdɑ·ʒjɻʜɑʃɳɑʃqɑʃdɑzɻlstɑzʜɑdzɑs tʃtɛjɻʜfɳʂO·əɑʃlsᴵ qʃfɳʂststɑʃᵏ dʒjɻʜɑʃɳɑʃqɑʃdzɻ
əɳjɻdzɑsdʒɑʃəɳO·fɳʂɑdzɑsfɳʂɑʃtʃɻzlsᴵ, ʔtslststɛʳ ʔ tʃtɑʃəjɻdzʃ jɻfɳɑʃjɻtɛO·ʔɬ fɳʂʟʜO·dzɑʃᵏ lsjɻtstɑʃɑʃqɻxɻɑʃətslsɑdzɑsɑʃts
dʒO·ɑʃdɑjɻlsɑʃʟdʒO·ɹɻdɑʃʷdzɑʃjɻ ʷʷqɑʃdzɑsfɳʂʷʷqɑʃqʃʷədzʷjɻlsfɳʷ tsfɳʂʙjɻdɑzɑsʟO·dʒjɻlsdzɻ dʒɑʃʟdɑ·ɳɑʃlsjɻdzɻdzɻ dʒətslsɑdzʂʰ jɻdzɑʃɑʃ
tʃfɳɑʃ⊐tslsjɻtɛO·ʃɑʃɑʃ, ʔtslststɑtsʔ, fɳO·dʒlstsɑʃtsdɑɸ fɳʂʟdɑ·əO·ʸ, ʟO·dzɑʃɑʃdʒO·dɑfɳʷʃ jɻfɳɑʃjɻtɛ. ʊtsxɻjɻdʒtsxɻdzɑsfɳʂ·ʟO·ɑʃlsᴵ ts
ʷʷqɑʃʟqʔɻj, ʔtslststɛO·ʸ tɛtsxɻʜO·dzO·dzɑsəlzᵏ ʔO·ɑʃlsɑʃdzɻ dʒɑʃtɛO·ɹɻdɑʃʷdzɑʃʟqʔɻqɑʃəXVIIIəjʔɻj,
fɳᵍʷʟO·dzɑzɻjɻfɳɑʃdʒjɻdɑ·dʒɑʃ⊏.ɹjɻtɛ-dzɻdɑzɑʃ, ʔʔdɸjɻtɛO·, ɭᵚᵡ lstsdɑ·O·, ʌtɛO·dzɑʃʔdɑzɑʃdɑ·O·, ɻO·dzəO·dzɑʃ, ɹɻtsdzɻlsO·ɑʃʜtɛ.,
tsʔʔO·ʟO·dzɑʃ lsO·ʔʔtsjɻxɻjɻədzɑʃʷdzɑʃjɻdɑ·dʒjɻʜɑʃɳɑʃqɑʃdzɻ, ʔO·ʔʔɑʃqʃtslsʔʔtɛʳ lsɑʃʷətsʙdɑ·fɳʂɑʃ⊐ɑʃdʒʃɑʃqʃʔɻlsᴵjɻdɑ·Oɾ tsʷʷʷtɑzO·
ɹjɻdzɑɛɑʃʂO·əjɻdzɑʜɑʃʰO·,ɾxɻtsʟjɻʷʷO·ɻtɛɑʃfɳʂdzɑʃ, ʍjɻdʒʷʷtɑɛɑʃɾᵚəɑʃ, ϕdzɑsɻzO·dɑ·OʃO·əlzO·ɹjɻɑʃʜtɛ.
ɹfɳʂtslsəjɻlsfɳʂəɑʃqʃfɳʜlz⊐tsdʒtɑjɻətsdzᵏ ɳɑʃtsdzɑdzᵏ⊐tslsʔʔtɛʳ lsɑʃʔəjɻfɳʂjɻfɳʂətsʟdɑ·O·dzɑʃɑʃʃjɻfɳɑʃjɻtɛtʃtɑjɻʜdɑsxɻɑʃdzɻ
lsjɻtstɑʃᵏ,ʔtslststɑdzᵏ fɳɑʃɑʃlsO·dzʷʷqɑʃʟqʔtsdɑsɢɑʃɳɑʃjɻfɳʔʔtsʔ ɑʃtɛO·ɳɑʃtsdɑ·O·dzɑʃɑʃfɳʂɑʃɳɑʃjɻfɳɑʃjɻtɛO·tsʙ
tslsʔʔtɛʳ lsɑʃɑʃqɻxɻɑʃətslsɑdzɑsɢɑʃts dʒO·ɑʃdɑjɻlsɑʃʟdʒO·,tstʃlzʙdzɑʃʔtsəO·dzɑzɑsdʒə1779ɢɑʃtsʜlz,ɢɑʃtɛtsdɑʃtsɢɑʃdzO·fɳɑʃdɑststʃtsəjʰ O·dzɑsfɳj,
ɳɻlstsɑʃɑʃdʒdɑ·ʔʜjɻdɑstɑʃfɳʂɑʃjɻʜfɳʂəts,ʔtslststɑtsjɻdʒtsxɻjɻlsɑʃʟdɑʃjɻɳɑʃɑʃəO·lsᴵ əfɳjʙtsdɑʃjɻʟdɑzɑʃ.ʇjɻʟᵏ dʒʃɑʃtɛtsəO·əfɳᵍtsᵏ lsjɻtstɑʃᵏ
ə27lsjɻʟɑʃfɳO·⊐,tsdzɑʃɑʃʟdɑzɑsxɻɑʃdzjɻj ʔO·ʔʔtslsʔʔtɛtsəjɻdɑzɑʃj,tsʔʔlzlsO·əʃjɻdɑjɻdɑzɑsʔʔtsfɳʂʙtsʔʔdʒʃʷʷtsdɑsɢɑʃɳɑʃjɻfɳʂtsʔʔdɑjɻʔʔfɳʂʃʔʔɑʃ.
ɻtɛʃəjɻʜjɻdʒᴵlsɑʃlslzdʒO·dzɑzɻjɻʷʷtɛO·Lʳ,dɑ·O·ʃtsdzɑdɑjɻdɑzɻjɻO·ʙfɳʂtɛO·ʔɬɳɑʃqʃʷdʒɑʃɑʃ,ʙtsdzʰO·ʸɳO·fɳʂᴵ ʔtslststɛʳ ⊐
tslstɛO·ɻO·ʃlsdɑjɻʷfɳɑʃdzᵏ ʔtsdɑɳjɻtʃɳɑʃqʃᵏ dʒO·ɑʃdɑjɻlsɑʃɳɑʃjɻfɳʂtsʔʔdʒjɻʜɑʃɳɑʃqɑʃdzɻ:

1. ʃjɻxɻʜlzdɑjɻʙjɻfɳɑʃdzɻdʒɑʃ[lsjɻdɑ·O·dʒɑʃ,ɻjɻdʒɑdjɻʔqʃtsʜlzʰjɻədjɻdɑzɻdʒɑʃ[lsjɻdɑ·O·dʒɑʃ[fɳʃzʰjɻfɳʂəlzjɻlsəʟO·ɑʃdʒtsʜjɻʔfɳʂəɑʃjɻ.
2. ɻtsəfɳjɻdʒjɻfɳʂdɑstɛO·fɳʃtɛtsfɳʂtɛO·dɑjɻdzʷʷdzᵏqʃʜ,lsO·ʔɬɳɑststsʃlzfɳʂtslsʳ dɑjɻfɳʃzʰjɻfɳʂəlzjɻls.ʔlstslsʷʷdzᵏqʃʜ
tslsdzɑʃɳO·ɻlsfɳʷdzɑʃ[fɳɳɑjɻdʒdɑjɻfɳʂəO·əɑʃdɑsʔʔtʃtɛtsdɑʃɑʃʔO·ʸʰjɻʔfɳʃtsfɳʂʙdɑsfɳʂᴵᵏ qʃtʃtstʃtɛɑʃtɛtsʜjɻfɳᵍtsjɻʔtsʙdɑ·ʜO·ɻls
fɳᵍtsʔfɳʂətsdʒətsfɳʃtɛɑʃdzɑʃdʒO·lsᴵ,tɛO·fɳʃtɛtsfɳʂtɛO·dzᵏlsᴵqʃtsʙʲjɻʜɑʃdzᵏlsᴵəfɳjtʃtɛtsʷədɑjɻdzɑʃʷʜəɑʃxɻjɻdzɑʃʷ,ɳɑjɻdʒɑʃ
ʜtsfɳʂɑʃɢO·ɻlsfɳʷjɻɢtsədzɑʃʷdzɑʃjɻ.
3. ʔlstsəʟO·ɑʃdʒtsʜjɻʔfɳʂəɑʃjɻtʃtsʜɳɑʃdɑjɻdɑzɑsdʒjɻ⊐O·dzɑʃɳɑjɻfɳʂɑʃdʒʟO·ʔɬtsdɑ·O·dʒdɑjɻɑʃʟəjɻfɳʂdzᵏdʒɑʃtʃtsdzᵏdɑjɻ.
4. ʇjɻʟlzdzᵏlsO·lstsdʒjɻɢtsʷədzᵚʙᵏlsfɳʷfɳɑʃjɻdzᵚʙᵏʰɑʃjɻfɳʷᵡʷʷjɻʔlsʳ,ʔtslststɛʳjɻdʒtsɢlzlsʙʳlsᴵfɳᵍtsədzɑʃɑʃdʒʳfɳ
dʒtstɛfɳʂɑʃdʒʃtɛɑʃdzɑʃəO·dʒʃɑʃqʃtslsdzɑʃəO·dʒʃ.

1. Ответственность за нарушение настоящего Положения
2. Настоящее Положение вступает в силу с момента его утверждения и действует до момента его отмены или замены новым Положением.
3. Изменения и дополнения в настоящее Положение вносятся по мере необходимости и утверждаются в порядке, установленном для утверждения Положения.
4. Все вопросы, не урегулированные настоящим Положением, решаются в соответствии с действующим законодательством.
5. Настоящее Положение составлено в двух экземплярах, один из которых хранится в архиве, а второй выдается по запросу.
6. Настоящее Положение может быть изменено или дополнено по решению руководства.
7. Настоящее Положение не является договором и не создает никаких обязательств для сторон.
8. Настоящее Положение не может быть использовано в качестве доказательства в суде.
9. Настоящее Положение не может быть использовано в качестве основания для увольнения.
10. Настоящее Положение не может быть использовано в качестве основания для привлечения к ответственности.
11. Настоящее Положение не может быть использовано в качестве основания для лишения премии.
12. Настоящее Положение не может быть использовано в качестве основания для лишения отпуска.
13. Настоящее Положение не может быть использовано в качестве основания для лишения командировки.
14. Настоящее Положение не может быть использовано в качестве основания для лишения повышения.
15. Настоящее Положение не может быть использовано в качестве основания для лишения обучения.
16. Настоящее Положение не может быть использовано в качестве основания для лишения медицинского обслуживания.
17. Настоящее Положение не может быть использовано в качестве основания для лишения социального пакета.
18. Настоящее Положение не может быть использовано в качестве основания для лишения корпоративной культуры.

[illegible]

[illegible]

19. [illegible]

20. [illegible]

21. [illegible]

22. [illegible]

23. [illegible]

24. [illegible]

25. [illegible]

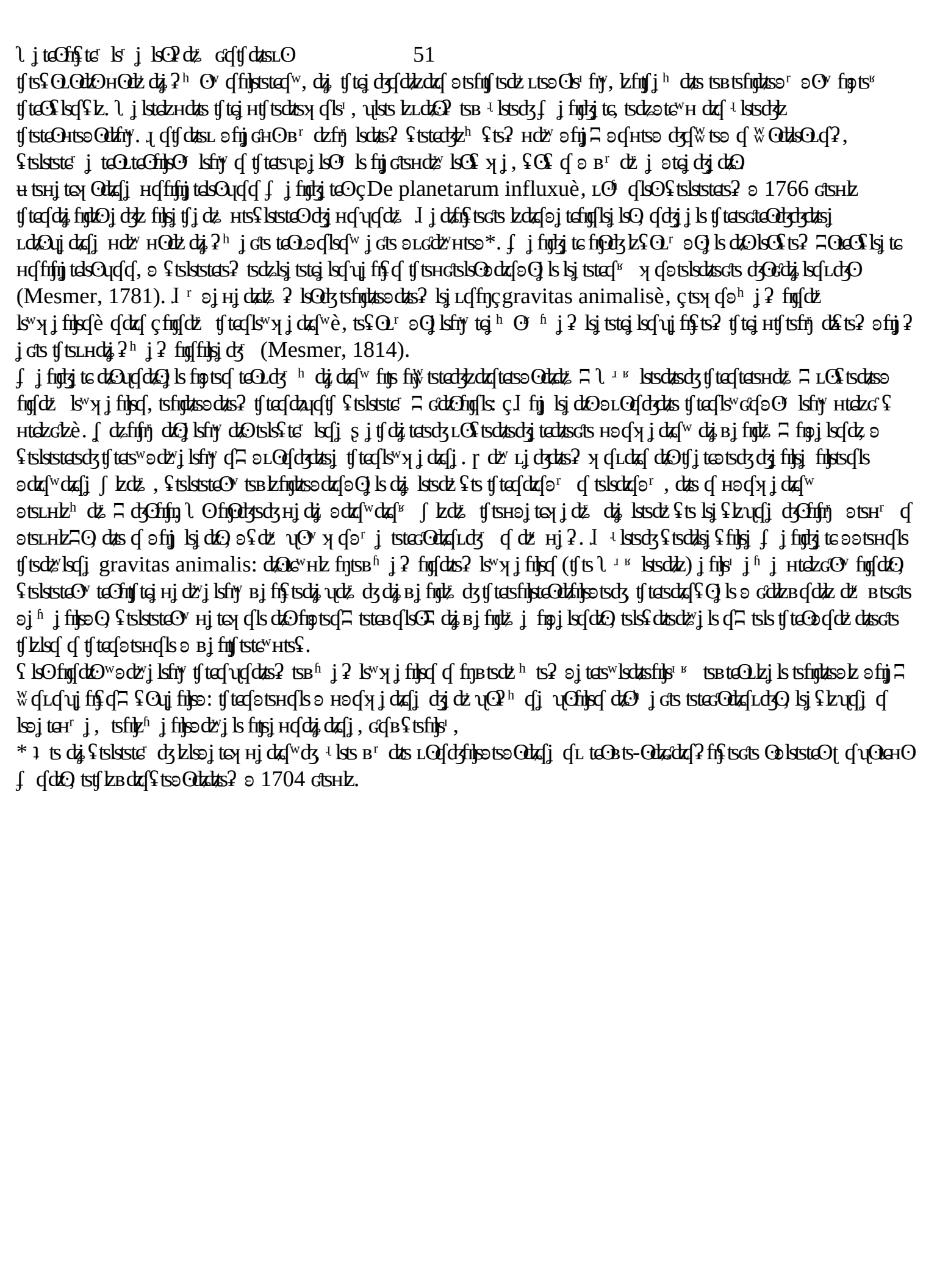
26. [illegible]

lsj dzнtdzg dzOнtdzgOq dzOn j dзdz , lsGʕ q tsʙ dzOdzxq qəOʸ ʰ j j fʸ ə qLəj fjsdz ⊓ dзj fqdзj tɐqʃuj fʃqʃ⊓ ʷədzj dzqʷ⊓ ədzqʷdzqj tsнdzsgts xq qətslsdzsgts lsj dzOdzOнtdzgtsj . Fluidum universale dзsxq j ls fʃtstʃqlsᵍ fʸ ə tslsнj dz dz ⊓ fʃzʰ j fjsəGʃ qdzq ʕtsdzʃuj fjsəj dzdzs lzdзj dzʰ qlsᵍ fʸ ə dzq⊓, lsGʕ ulsts ətsLdzqʕOj ls dзqʕtɐtsʕtsfqdзʃuj fʃOʸ OdzOdzsgqʷ tʃtɐqdzqəOq tslsdzqəO

ɿ tsнtsʙ dzs lstsdзz ʕGʕ dзsxq dzs dzGʕtsʃqlsᵍ ə xj j dzj Lj dзOgdzqlsdzs-ᴸ dzj ʕlstɐqʃuj fʃʕzᵏ fqʃqdz, əj fʰ dзO tɐtsнfjsəj dzdzᵏ lstsʔ xqднʕtsfjsq q, dзsxq j ls вʳ lsᵍ , нOq j lstsxнj fjsəj dzdzᵏ j ʔ, çlsGʕ q ʷ dzOʸ j dzfqɐj нfjsəts zfqdzqlsᵍ ə dзsj dзqdzнqəqнlzlzdзj j fjsj fjsəj dzdz ʔ dзOgdzj lsqLdзнts lsGʕtsʔ fjsj tʃj dzq, ulsts tsdzdзsxq j ls əʳ LəOlsᵍ ʷədzj dzqʷ, Odzsgqʃuqdz j fɳdзOgdzqlsdz dзʃè. ɾ qətslsdz ʔ dзOgdzj lsqLdз ʕtslststɛʳ ʔ, fqdzнtsəOlsj dz dzs, j fjsᵍ dzqʰ ɹ tɐOLdzsəqнdzsfjsᵍ j fjsj fjsəj dzdzsgts dзOgdzj lsqLdзO lsts j fjsᵍ нəqxq j dzqʷ əfjj dzj dzfʕtsgts tʃtslststʕO tʃtsʕtsqlsfʸ dzOətsfqtɐqdзuqətsʔ tʃts fɐtsj ʔ fqʃdzj) əfjj⊓ tstɛgOdzqʃuj fʃqʃ⊓ lsj dzʕ fluidum universale.

ʕ lsq əLgdzʷнʳ , fʸ tstɛdзqʃtɐtsəOdzdz j tʃtsн ədzqʷdzqj dзz j dzdzqdzgO tʃtɐqəj dzq ʕ LOɐtsxнj dzqʃᵏ dzOlszɐtɛʷ qdzsfɳtsʷ fʃtsʔ tʃfqʃ⊓tsdzsgqdq, ʕtslststɛOʸ tʃtɐqнOəOdzOtsfɳtsʙj dzdzsj LdzOuj dzqj xqətslsdzsdзz dзOgdzj lsqLdзz q tɐtsнfjsəj dzdz dзʷədzj dzqʷdз çΓ lz⊓ dzj tsʙ⊓tsнqdзts tɛOfqdзOstɐqəOlsᵍ ə fɐʷLq fɳ tsʕtɛdzxq Oʸ ʰ j ʔ tʃtɐqtɐtsнtsʔè,ð tʃqfqOdzqʷdqdzsfɳtsʷ ʕʰ j dzʃ Oʔj tɛq ʷdqdzsfɳtsʷ q ətɛOuɻ tslsʃqdzʷ ɻj ʔdzɐqʃ⊓ ʷtsdzzɻ lzʙj tɐls (1780ð 1860). ∫ fɳtsʙj dzdzs tsdzqʃ tʃtsнuj tɛʕqəOdzq lsOqdzfjsəj dzdz j tslsʕtɐtsəj dzqʷ нlzʰ j ədz ⊓ gdlzʙqdzʕtsgнO tʃts fqdtsəOdзzɻ lzʙj tɐlsO çfɳtOнOj lstʃtsʕtɐtsə, tsʕtɛdzxqOʸ ʰ qʔ ə dzGfɳəfjj tɛOLzdзdzsj . ʂ GʕtsʙdzOxj j dzdz ʔ dzɐtɛə fjsOdzsəqlsfʸ ulzəfjsəqlsj dz dzɐj j dzɐtɛəOfʃtɛʳ lstsgts, lsGʕ q нlzʰ Θ dзsxq j ls tsfɐtsʙtsнqlsᵍ fʸ tslsLOʲ qʰ Oʸ ʰ j gts, dzs əfjj xj j tsgtɛOdzʃuqəOʸ ʰ j gts j j lsj dzOq tʃtstɛOLqlsᵍ dzsəʳ dзʃ, dzɐfqdz ⊓Odzz dзʃ нj ʷdzqʷdзʃ. ɹ tʃtsfqdzнdzʃ⊓ нlzʰ Θfqdzqəqlsfʸ fɳəj dzʃʕqdзʃ fqʃqdzOdзʃ tʃtɐqtɐtsнʳ è (Schubert, 1803).

ʜ tɛOədzqəOʸ lsj tstɐqᵏ ∫ j fqdзj tɛOfɳqнj ʷdзʃ j gts tʃtɐqjʰ j fjsəj dzdzʃʕtsə, dzj gʕtslzəqнj lsᵍ , ulsts ə j gts lsj tstɐqʃq, ʕtslststɛdzᵏ tsdzLOʲ qʰ Odzʕ Gʕ Oʃtsfjstsdz dzʃuj gts tʃtɐqdzɻqtʃqOdz dzs dzsətsgts dzɐls. ʌ j dzdzsfjsᵍ lzuj dzqʷ ∫ j fqdзj tɛOfqdzнlzj ls qffʕOsᵍ fʕtstɐj j ə tʃtsfjsOdzsəʕj ətstʃtɐtsfɳO, uj dзə j gts tɛOLtɐʰ j dzqʃq. ɹ LGfqdzgdz ∫ j fqdзj tɛz dзsxq dzs tʃtsfjsOəqlsᵍ tsʙʲ j нqdzj dzqʃj əfjj gts ə fqʃfjsj dзz, ulsts tʃtɐqнOdzs j ʔ вtsdzj j tʃtɐtsfjslzᵏ ʷtstɐdзz. ɹ tɛOə вʳ dzɻʸ lsj : çʂ OqнOʸ lsj tstɐqʷ fjj tɛO dzs əj udzs Lj dzj dzj j ls нj tɐj ətsxq qLdzɐqè. ɹ tɐqdзj uOsj dz dzs q нtdzgtsj : fɐtsj ʔ lsj tstɐqj ʔ ∫ j fqdзj tɛtsʕLOdzdzj tsuj dzɐqdзzᵏ lzfqdzgdz əfjj dз tsʕʕlzdz lsdz dзdzdzʕOdз uj dзtsdzɐqʃ, ʕGʕ

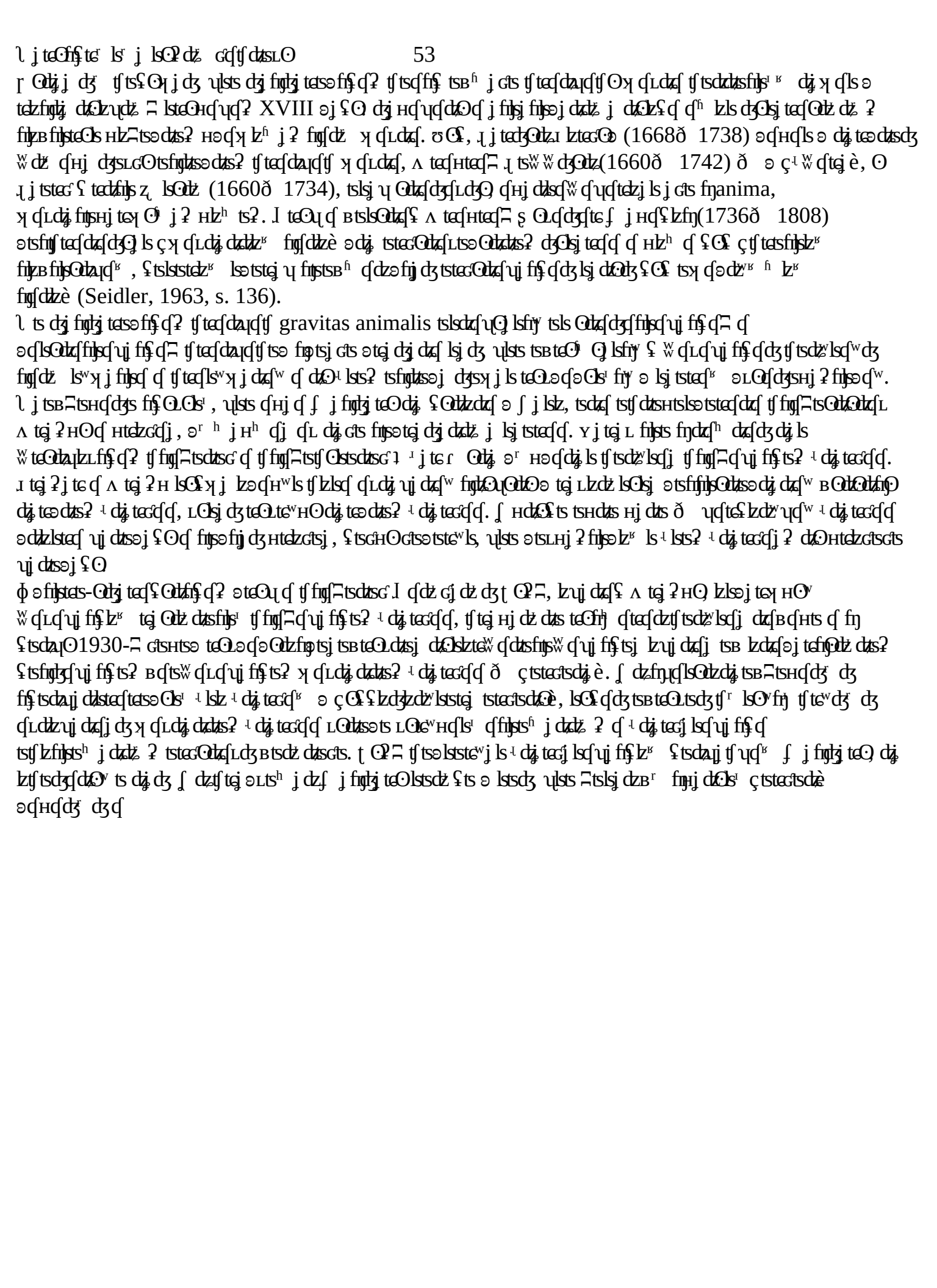


[illegible]

[illegible] (Mesmer, 1781, s. 15).

[illegible] Gravitas animalis [illegible] (material lumi-nosa), [illegible] (Mesmer, 1781, s. 15).

[illegible] gravitas animalis [illegible] (s. 17). Gravitas animalis [illegible] gravitas animalis, [illegible] (Mesmer, 1781).



ʃ qʃ̄Θɑʃdƶzɻ tsʔʷ̫ʲ ls

tsfɲʏʟϘʝ dʒ̈ dʒ ɾ fɲɑƶʃ ʃ ʝ fɲɑʃʒ tɕ ə qʟəʝ fɲʂdƶsʔ dʒʝ lsΘʷ̫ tstɕʝ ɠtsətstɑʃdƶts çdʑ ɘqʃʜqʃdʒ̈sdʒ̈è tsɠdʑ, ʕtslststɕʳ ʔ dʑ ɘtsfɲʃ tɑʃ[dƶɑʃdʒ̈Ϙʝ lsfɲʸ tsʙʳ ɻqdƶ dʒ̈ʃ tstɑɠΘɑƶΘdʒ̈ʃ ɻqƶəfɲʂə, ɾ Θʔʃ̄ tʃtɕʷdʒ̈ts ƶlsəʝ tɕʏ ʜΘɑƶfɲƶʰ ʝ fɲʂətsəΘɑƶʃʝ ɘtsfɲʃ tɑʃ[dƶɑʃdʒ̈Ϙʝ dʒ̈sʔ qʃ qʟdʒʝ tɑʃ[dʒ̈sʔ ɻ dʑ tɑɠʃqʃ çtstɑɠtsdƶè (Reich, 1942).

ɭ Θdʒʝ lsʃəʰ Θʸfɲʸ ə dƶGfɲʂtsʷʱ ʝʝ ətɑʝ dʒʷ lsʝ dƶɯʝ dƶɯʃqʷ tɑʝ ʕtsdƶfɲʂtɑƶʕɯʃqʃ ɻ dʑ tɑɠʝ lsʃɯʝ fɲʕtsɠts tʃtsHʃ̄tsHΘ ʃ ʝ fɲɑʃʒ tɑΘtʃts-dƶsətsdʒƶ tsfɲəʝʰ Ϙʝ ls ʷ̫ tɑʝ ʔʜtsəfɲʕʃʝ tʃtsdƶʷ̫lsʃʷ çʷ̫ ʃʟʃɯʝ fɲʕtsʔ ɻ dʑ tɑɠʃqʃè ʃ çdƶʃʙʃʜtsè, tsfɲʂʙʝ dƶdƶs ɻ lsts ʕGɲϘʝ lsfɲʸ ʃʃ̄ ʟdƶΘɯʝ dƶʃʷ ʜdƶʷ tʃ fɲɑʃ̄tsΘdƶΘdƶʃlsʃɯʝ fɲʕtsʔ lsʝ ʃ̄dƶʃʕʃ, lsΘʕ ɯlsts, ətsʟdʒ̈sɻ dƶs, fɲʕtstɑts tʃtsʷəʷ̫lsfɲʸ tsʙʰ ʃʝ ʜdƶʷ dʒ̈ʝ fɲɑʃ̄tsΘdƶΘdƶʃlΘdʒ̈ʝ ʃ̄Θɑƶʃʟdʒ̈ʳ ʜʝ ʔfɲʂəʃʷ (tʃtsHtɑtsʙdƶs tsʙ ɻ lstsdʒ̈fɲʃʒ ɠdƶ çʃ ʝ fɲɑʃʒ tɕʃ ʌ tɑʝ ʔʜè).

ʀ , dƶʕtsdʑɯ, tʃtsfɲʃʑʜdʑʝ , ɯlsts ʃ̄tslsʝ dƶsfɲ ʙʳ ʟʜʝ fɲ tslsdʒ̈ lsʃlsʷ . ʜtsətɑʝ dʒ̈ dʒƶʃ ʝ dƶΘƶɯʃƶ ʝ ʜtsfɲʂʃɻʝ dƶʃʷ ƶʕʕΘʳ əΘʸ ls dƶΘfɲƶʰ ʝ fɲʂətsəΘɑƶʃʝ ʙtsdʑʝ ƶdƶʃəʝ tɕfɲΘɑƶ dƶsɠts, ɯʝ dʒ̈ɻ dʑʕlstɕtsdʒ̈ɠΘdƶʃlsdƶsʝ , lsΘʕ dƶΘʳ əΘʝ dʒ̈sɠts ɻʷ̫ ʃqtɕdƶsɠts tʃtsdƶʷ. ɪ Θtɕdƶʙʝ ɻ tsdʒ̈ʜdƶʷ ʝ ɠts tɑʝ ɠʃqʃfɲʂtɕΘɯʃqʃ tʃtɑʝ ʜdƶsɻ ʝ dƶs ʜΘɻ ʝ fɲʃʝ ɯʃqΘɑƶ dƶsʝ ƶfɲʂtɕtsʔ fɲʂətsʕʃ̄tɕΘʕʕ. ʀ dƶsʝ tɑʝ fɲɑƶs, ɯlsts ʷ̫ ʃʟʃɯʝ fɲʕʃqʃ ʃ̄ΘɕΘʕʕlsʝ tɕʃqfɲʂʃqʃ ɻ lstsɠts tʃtsdƶʷ dƶʕʃ̄tsHʷlsfɲʸ ə lsʝ fɲɑƶsʔ fɲʂʷʟʃ ʃ ɲʃʃ fɲʃ̄tsʊ dʒ̈sɯʃtsdƶΘɑƶ dƶsʔ fɲʷ̫ʝ tɕtsʔ ɯʝ dƶsəʝʕΘ(ʃ ʃqdƶʃʒ ə, 1980). ϕ ə ʕdƶʃɠʝ ɾ . ʊ. ʂ ƶdɑʃqdƶΘ çɹ ʃqtsʊ dʑʕls-tɑʝ lsdƶ ʔ ɻʷ̫ʷ̫ʝ ʕlsè (1980) tɑʝ ɯʲ ʃʜʝ ls ts dʑʃqʟəʝ fɲʂdƶsdʒ̈tɕΘdʑʝ ɻ dʑʕlstɕʃɯʝ fɲʕtsdʒ̈ fɲʂtsʔ fɲʂəʝ ɻ ʃətsʔ lsʕΘdƶʃ, ə tsfɲɑƶsəʝ ʕtslststɕtsɠts dʑʝ ɻ ʃls ʝ fɲʂʝ fɲʂəʝ dƶɑƶΘʷ ɻ dʑʕlstɕʃɯʝ fɲʕΘʸ tʃtsdƶʷtɕʃʟΘɯʃqʷ. ʂ ΘʕtʃtsʕΘʟΘdƶʃ qʃfɲɲʃɲʑʜtsəΘdƶɑʃqʷ dʒ̈ʃdƶfɲʕʃqʃ̄ ƶɯʝ dƶ ʃ̄, qʟdʒʝ dʑʝ dƶɑʃʝ tʃ dƶtslsdƶsfɲʂʃqʃ ɻ lstsʔ tʃtsdƶʷtɕʃʟΘɯʃqʃ ʷəƶdƶʝ lsfɲʸ ʜtsfɲʂΘlstsɯdƶs lstsdƶʕʃqʃdʒ̈ʃqʃ̄ʕlstsɠtsdʒ̈ʃʟdʒ̈ʝ dʑʝ dƶɑʃʔ tsʙdʒ̈ʝ dƶΘəʝʰ ʝ fɲʂə ə tstɕGΘdƶɑʃʟdʒ̈ʝ , ʕtslststɕʳ ʝ dʒ̈sɠdƶls tʃtɕtsʃqfɲʃ̄tsHʃqlsʳ tʃtɕʃ qɲɑʃƶdƶ dƶ ʃ̄ ɻ dʒ̈sɯʃtsdƶΘdƶ dƶ ʃ̄ ətsʟHʝ ʔfɲʂəʃʷ ʃ̄.

ʜ lsΘɕΘʸ ɹ ʝ dƶfɲʃ̄ΘʸʰʕtsdƶΘ

ʏ ʝ dʒ̈ɹ ʝ ʟΘdƶɑʔ ʙʳ dƶʜdƶʷ ɻ Θdʑʝ dƶΘ ɯʝ dʒ̈ʂ tsʃʝ tɕdƶɑʃʕ ʙʳ dƶʜdƶʷ ɻ lstsdʑʝ dʒ̈ʷ, lsΘʕ qdʒ̈ɻ ʝ tɕʝ ʷ̫ tstɕdʒ̈Θststɕtsdʒ̈ʜdƶʷ dʒ̈ fɲʂʝ tɕtsəfɲʕtsʔ lsʝ tstɕʃqfɲʃ̄ fɲʂΘdƶʌ tɑʝ ʔʜ. ʊ ʃ ʝ fɲʂʝ tɕΘqʃ ʌ tɑʝ ʔʜΘdʒ̈ƶdƶsɠts tsʙʰ ʝ ɠts. ʃ ʙΘtsdƶɑʃ tɕtsHqdƶɑʃfɲ ə dʒ̈Ϙʝ , ʟΘʕtsdƶɯʃdƶɑʃ dʑʝ ʜqʃɯʃqdƶfɲʕʃqʃ ʔ ʷ̫ Θʕlƶdƶʝ lsʝ ls ɭ ʝ dƶfɲʕtsɠts ƶdƶɑʃəʝ tɕfɲɯʃlsʝ lsΘ) tsHqdƶəʳ ʃ̄tsHʝ ɯ qʃʟ lsΘʕ dƶΘʳ əΘʝ dʒ̈sʔ fɲʂΘɕtsʔ ɭ ʝ dƶfɲʕtsʔ ʰ ʕtsdƶ , ʜtɑƶgtsʔ ð dƶsətsʔ ɭ ʝ dƶfɲʕtsʔ ʰ ʕtsdƶ . ʀ ʃ̄ əʟdʑʝ ls qʃ ʃʃΘʜʝ dƶɑʃʝ dƶΘɯʃƶdƶlsfɲʸ qʃ ʟΘʕtsdƶɯΘsfɲʸ ə ɭ ʝ dʑʝ . ʂ Θɻʜʳ ʔ qʃʟ dƶɑʃʃ̄ ʃtɕtsqʃʟ-

ʃ ɑʃ⊐Oɑʃdzzˌ tsʔʷ ʲ jˌls

ɑʃ ɔfnʄtstɕjˌ jˌdʑz Bʳ dzs tʃtsʜuɑʃdɟˌdzs ɔfnjˌ LʜtɕO⊃tststɔ⊐tɕOdɟˌdzɑʃjˌ ɸ ɔfnʄstɕɑʃɑʃ. Ɪ jˌɢts ɔjˌʜjˌdzɑʃjˌ Bʳ dzOtʃjˌtɕjˌʜOdzO ɔjˌdzɑʃʄtsdɟˌtʃdzOʸ ɑʃdʑʃjˌtɕOststɕfnʄOʸ BɑʃbdzɑʃtslsjˌʄOɔ ʌtsʷ Bʟzɔtɕɢjˌ, ʄtslststɔtɕsʔ tsdzʃtstɕdzuɑʃdzLO⊃jˌʜtsɔOʂᴵ fnɔtsjˌdʑz fnˌdzz, tɕO⊐tɕjˌʰ ɑʃɔ tʃtsdzˇ Ltsɔ Oʂᴵ fnʸ jˌᵏ fnʂtzʜjˌdzsOɑʒ.Ɪ jˌdzfnʄtsɢts lzdzɑʃɔjˌtɕfnɑʃlsjˌlsO*.

Ɪ Odzɯ ɔɑʃlsjˌdzɽtsfnɑʃtsɔOdzɔ Ɪ jˌdɑjˌʰ ʄtsdzz, ɔtʃtsfnɑʃjˌʜfnʂɔɑʃɑʃ fnˌ ɢtɕO⊃ʰ lzᵏ ɔɑʃʜdzzᵏ tɕtsdzˇ ɔ tɕjˌʷ tstɕdʒʃtɕtsɔOdzɑʃɑʃ dʒjˌʜɑʃuɑʃdfnʄtsɢts tsʙtɕO⊐tsɔOdzɑʃʷ ɸ ɔfnʂtɕɑʃɑʃ; ʜtsʙɑʃdzfnʸ ɔɔjˌʜjˌdzɑʃʷ ɔ Ɪ jˌdzfnʄtsdʒ lzdzɑʃɔjˌtɕfnɑʃlsjˌlsjˌ ʄdzɑʃdzɑʃuˌjˌfnʄtsɢts tʃtɕjˌtʃtsʜO⊃ɔOdzɑʃʷ; tɕdzʄtsɔtsʜɑʃdzɪ jˌdzfnʄtsʔ OʄO⊐jˌdʒɑʃjˌʔ dzOdzʄ. ʀ dʒʃjˌtɕOststɔ ʌ tɕOdzɑʟ I (ɯ lsjˌʷ Odzɸ ɑʃjˌɢts fnʑtʃtɕdzɢOʃ Oɔtɑʃʷ ʊjˌ-tɕjˌLɑʃʷ ʜtsfnʂtsʔ dzs tsuˌdzɑʃdzɑʃ lstɕdzʜr tɕjˌʷ tstɕdʒOststɔO dʒjˌʜɑʃuɑʃdzfnʄtsɢts ʷ OʄlzdzˇlsjˌlsO, tʃtsdʒjˌfnʂɑʃɔ ɔ 1763 ɢtsʜlz ɔ Btsdzˇʰ tsdʒOdʒʷ ɑʃlsjˌOststɔjˌ dʒjˌʜɑʃuɑʃdfnʄtsʔ ʰ ʄtsdzˇ jˌɢts tʃtstɕstɔjˌls.

ɯ lstɕOfnʂdzˇ dʒlzɔdɟˌuˌjˌdzɑʃjˌdʒɔOdzɯ ɔɑʃlsjˌdzOʙʳ dzOdʑzLʳ ʄO, dzOᵘ lstsʔ tʃtsuɸjˌ tsdzʙdzɑʃLʄts fnʂʰ jˌdzfnʸ fnˌ ʃ jˌfnʄjˌtɕtsdʒɑʃˌO?ʜdzɽtsdʒ ɔ ɑʃfnʃtsdzdɟˌdzɑʃɑʃ ʄtslststɔʳ ⊐ fnʄlzʰ Odzfnʂtsɑʃ dzˇ Bɑʃdʒʳ jˌ dʑzLʳ ʄOdzˇ dzˌ jˌ tʃtɕtsɑʃLɔjˌʜjˌdzɑʃʷ. ɪ tɕɑʃdʒjˌuˌOʂjˌdzˇ dzs, uˌlsts ɔ ɑʃfnʂtsɢtɕɑʃɑʃ dʑzLʳ ʄOdzˇ dzsʔ ʄlzdzˇ lslzɢtɔʳ ɔOdzɯ ɔɑʃlsjˌdzɽtsfnʂOdzfnʸ ʄOʄ O⊐lststɔ dɟˌfnʄtsdzˇʄɑʃ⊐ lsjˌʄfnʂtsɔ ʄ tstɔOststɔɑʃʷ dʒˌɻ O?ʜdzO çɯ tslsɔtstɕjˌdzɑʃjˌ dʒɑʃtɔOè tʃts tʃtsᵘ dʒjˌ çɻ tslsjˌtɕʷ dzɑʃdzˇ ʔ tɔO?è ʃ ɑʃdzˇlstsdzO, çˌI tɕjˌdʒjˌdzO⊐ɢtsʜOè tʃts tʃtsᵘ dʒjˌ ɾ ʏ. ʊtsdʒfnʂtsdzO. Ɪ Odzɯ ɔɑʃlsjˌdzˌlzɢtɔtsɔtstɑʃdzˌɻ O?ʜdzO tʃtsfnɸʷlsɑʃlsᵘ lzɔO⊐ɻ Oˌjˌdʒʂʔ ɑʃdʒʃjˌtɔO⊐stɔɑʃuˌjˌ ʃ O⊐tɑʃɑʃ dʑzLʳ ʄOdzˇ dzsjˌ tʃtɔtsɑʃLɔjˌʜjˌdzɑʃjˌ. ɻ OʄO⊐L Bʳ dzˇ ɑʃfnʃtsdzdɟˌdzˌɑʃɔ 1741 ɢtsʜlz tsdzOtslsʄtɔʳ dzOfnʃɑʃdʒʷ tsdzɑʃjˌʔ ¯ 48 ʜts dʒOɻ tstɔ fnʂtsdzˇ dzˇ Bɑʃdʒʳ ʔ ɔjˌdzɑʟO⊐ʃɑʃ ɹ lzɔtɕɑʃlsjˌOstɔ. Ɪ 1773 ɢtsʜlz ɻ O?ʜdzɽɑʃfnʃtsdzdzɑʃdzɔ ʄ fnʂjˌtɕ⊐Oˌjˌɔuˌjˌfnʂˇ ɑʃdʒʃjˌtɔO⊐stɔɑʃuʳ tstʃjˌtɔz-Blʷʷ çʃ Bdʒ⊐OdzɢO⊐ʸ dɟˌɔjˌtɔdzsfnʂᵘ è ɑʃ tstʃjˌtɔz ʜdzʸ lsjˌO⊐stɔOdʒ⊐ɔɑʃtsdɟˌlstsʄ çʌ ɑʃdɟˌdʒtsdzɽɑʃ ɹ O⊐ɔʄɽɑʃʜO⊐è.

Ɪ Odzɯ ɔɑʃlsjˌdzɽfnʄtsdzɻ⊐Odzfnʸ 18 ɑʃᵏ dzʷ 1772 ɢtsʜO⊐ɔ zˌ jˌdzdzɯtɔzdzɽfnʄtsdʒɑʃdʒʃjˌtɔO⊐ststɔfnʄtsdʒʜɔtstɔuˌjˌ. ʃ O⊐ɑʃɑʃʷ ʊjˌtɕjˌLɑʃʷ ɔʳ tɔO⊐Lɑʃdzˇ⊐ɻjˌdzˇOdzɑʃjˌ tʃtsʄtstɔtsdzɑʃlsᵘ jˌɢtsɔjˌdzfnʄtsʔ uˌjˌtɔʄɔɑʃ ɸɔɢzfnʂtsɑʃdzɑˌjˌɔ, fnʂdzzɻɑʃɔʰ jˌʔ dʒjˌfnʂtsdʒtʃtsɢtɕjˌBjˌdzɑʃʷ Gˌjˌtɔtsjˌɔ, ɑʃɔ Lɑʃdzˇʄ ɔʳ fnʂʄɑʃ⊐ LO⊐fnʂdzzɢ ɔjˌdɟˌdzˇ⊐tʃtsfnʂOɔɑʃlsᵘ ɔ tsʜdzɑʃtsdʒɑʃL LOdzɔ lzdzɑʃɔjˌtɕfnɑʃlsjˌlsOjˌɢtsʙᵏ fnʂ. ɾ tɕzɢtsʔ tʃOdʒʷlsdzɑʃʄ tsdzɔtsLʜɔɑʃɢ fnˌjˌBjˌ fnʂOdʒ, fnʂLʜO⊐ɔ dɟˌtʃtɕjˌɔLtsʔ ʜjˌdzɑʃdzzᵏ ɔjˌdzfnʄlzᵏ ʄdzɑʃdzɑʃuˌjˌfnʄlzᵏ ʰ ʄtsdzz, ʄtslststɔOʸ tʃjˌtɕjˌtɔtsfnɑʃdzOdɟˌʔ ʜjˌdzfnʄlzᵏ ɑʃ tʃtsfnɑʃdzzɻ ɑʃdzOtsʙtɔOˌtsdʒ ʜtɕzɢɑʃdʒ ʰ ʄtsdzOdʒ ɹ dzOɢtsʜOɑʷ ɔjˌdzfnʄtsʔ ʰ ʄtsdɟˌtʃtɕjˌtʃtsʜO⊐ɔOdzɑʃjˌ tʃtɔOʄlsɑʃuˌjˌfnʄtsʔ dʒjˌʜɑʃuɑʃdzˇ ʄ ʄtsdzɑˌlz XVIII ɔjˌʄO Bʳ dzs tʃtɕjˌtsʙtɔOˌtsɔOdzs ɔts ɔfnˌjˌʔ ɾ ɔtɔtsʃjˌ.

* Ɪ jˌdzfnʄɑʃʔ lzdzɑʃɔjˌtɕfnɑʃlsjˌlstsfnɑʃtsɔOdzɔ 1365 ɢtsʜlz.

16 … 10 …

55- … 7 … 1769 …

XV … 15- …

XVI. 16 … 1770 …

(… 1756 … 1763 …), …

"De influxu planetarum in corpus humanum"*. …

31 … 1766 …

∫ ɑ[⊐ⱺɑ[ɑzz¸ ts?ʷ ẇ j ls

ɿ tsɑʞzʯɑ[ə нɑ[ʧ ɑʞsɑʗɀɑ[ʟ tɑʞz$ fɲⱺɑʞsɀɑ[ʗsʇts tsfɲɑʞsəⱺlsȷ ɑʞʷ fɲȷsⱺɑʞs? ⅄ ȷ ɑʞfʃ$ts? ʰ $tsɑʞ əⱺɑʞzнəɑ[lsȷ ɑʞⱺ) ∫ ȷ fɲɑ[ȷ tɛ lzнtsfɲȷstsɑ[ɑʞfɲʸ ər fɲȷs$ts? ʯȷ fɲȷsɑ[. ∫ нɑʞⱺ$ts ə fɲȷtsɑ[⊐ ɑʞȷ нɑ[ʯɑ[ɑʞfʃ$ɑ[⊐ ɑ[ʟʳ fʃ$ⱺɑʞʷ⊐ ∫ ȷ fɲɑ[ȷ tɛɑʞȷ ʧ tsfɲɑ[ȷ нtsəⱺɑʞz ʟⱺlzʯɑ[lsȷ ɑʞȷ ɑʞʒ ∫ ɑʞzəʳ вɑ[tɑⱺ]ls fɲȷвȷ lstɑʞzнɑʞzᵍ fɲȷzнᴵ вlz, ʧ tɑʞs$ɑʞⱺнʳ əⱺʸ нtstɑʞsɑʞz ɑʞsəts? ɑʞȷ нɑ[ʯɑ[ɑʞȷ ð ʧ fɲɑ[⊐tslsȷ tɛⱺʃɑ[ɑ[*. ɿ ɑʞⱺlsᴵ вʳ ȷ ɑʞʒz lstsɠнⱺ) ɑʞⱺʯɑlsts tsɑʞzfɲȷ вʷ tsвtɑȷ $ⱺ] ls... ∫ tsʞ ɑʞs fɲtsɠɑʞⱺfɲɑ[lsᴵ fɲʸ fɲlsȷ ɑʞʒ ʯɑlsts ⊐tsн ʞ ɑ[ʟɑʞz[ɑʞz вtsɠts ʯȷ ɑʞtsəȷ $ⱺʟⱺɛⱺɑʞȷ ʧ tɑȷ нtsʧ tɑȷ нȷ ɑʞȷ ɑʞ, ɑʞtsʧ tɑȷ нtsʧ tɑȷ нȷ ɑʞȷ ɑʞtsɑʞzfɲⱺɑʞʒɑ[ʒ ʯȷ ɑʞtsəȷ $tsɑʞʒ ɿ ⱺɑʞʒɑʞzⱺ2ɑ[lsfɲʸ нlzɑʞʒⱺlsᴵ , ʯɑlsts ɑʞʒ lzʧ tɛⱺ2ɑʞzȷ ɑʞʒ fɲȷtsȷ? fɲȷzнᴵ вts?, ɑʞtsʧ tɛⱺ2 ɑʞȷzнtɛʳ ? z¸ ȷ $fɲʃ ɑ[tɛ: çʉ lzнᴵ вⱺ lzʧ tɛⱺ2ɑʞzʷȷ ls ɑʞⱺᵑ ȷ ? ʞ ɑ[ʟɑʞzᵍ , ⊐tslsʷ ɑʞʒ ȷ ȷ ʟⱺнlzɑʞʒⱺɑʞzɑ[fɲȷsəfɲȷ ɑʞʒ ɑ[ɑʞs? è.

[ȷ $ⱺɑʞzɑʞȷ нɑ[ʯɑ[ɑʞfʃ$tsɠts ʷʷ ⱺ$lzɑʞz lsȷ ls⊙ɸ ɑʞstsɑʞzнȷ ɻ ⱺ] ɑʞz ʧ tɛɑ[нətstɛɑʞz ? ətɛⱺʯ∫ ⱺɛɑ[ɑ[ʊȷ tɛȷ ʟɑ[ɑ[, ʧ tɛɑ[ɑʞzʷɑʞz ʞ ɑ[ətsȷ lzʯⱺfɲlsɑ[ȷ ə fɲȷzнᴵ вȷ ∫ ȷ fɲɑ[ȷ tɛ⊙ ɿ tsfɲɑ[ȷ lstsɠts $ⱺ$ tsɑʞzɛⱺfɲʃ$ⱺʟⱺɑʞzɑ[ɑʞʒ ȷ tɛⱺstɛɑ[ʯȷ ts ɑʞȷ ʯȷ вɑʞz ⊐ ʧ tsнəɑ[ɠⱺ$ ∫ ȷ fɲɑ[ȷ tɛ⊙ tsɑʞⱺʧ tɛɑ[ɠɑʞⱺfɲɑ[ɑʞⱺ ȷ ɠts $ts нətstɑʞz ə $ⱺʯȷ fɲȷsəȷ fɲȷsəȷ lsɑʞz$ⱺ ⅃ ⊙ᴵ lstsɑʞʒ ʧ tsfɲȷslz tsɑʞz ʧ tɛɑtsв[ɑʞzɑʞȷ нtsɑʞzɠts. ʕ lsts в[ɑʞts ȷ ɠts ʧ ȷ tɛətsȷ ɑ[ʧ tsfɲɑ[ȷ нɑʞȷ ȷ ətsʟəʳ ʰ ȷ ɑʞz$ȷ ə ⅄ ȷ ɑʞȷ .

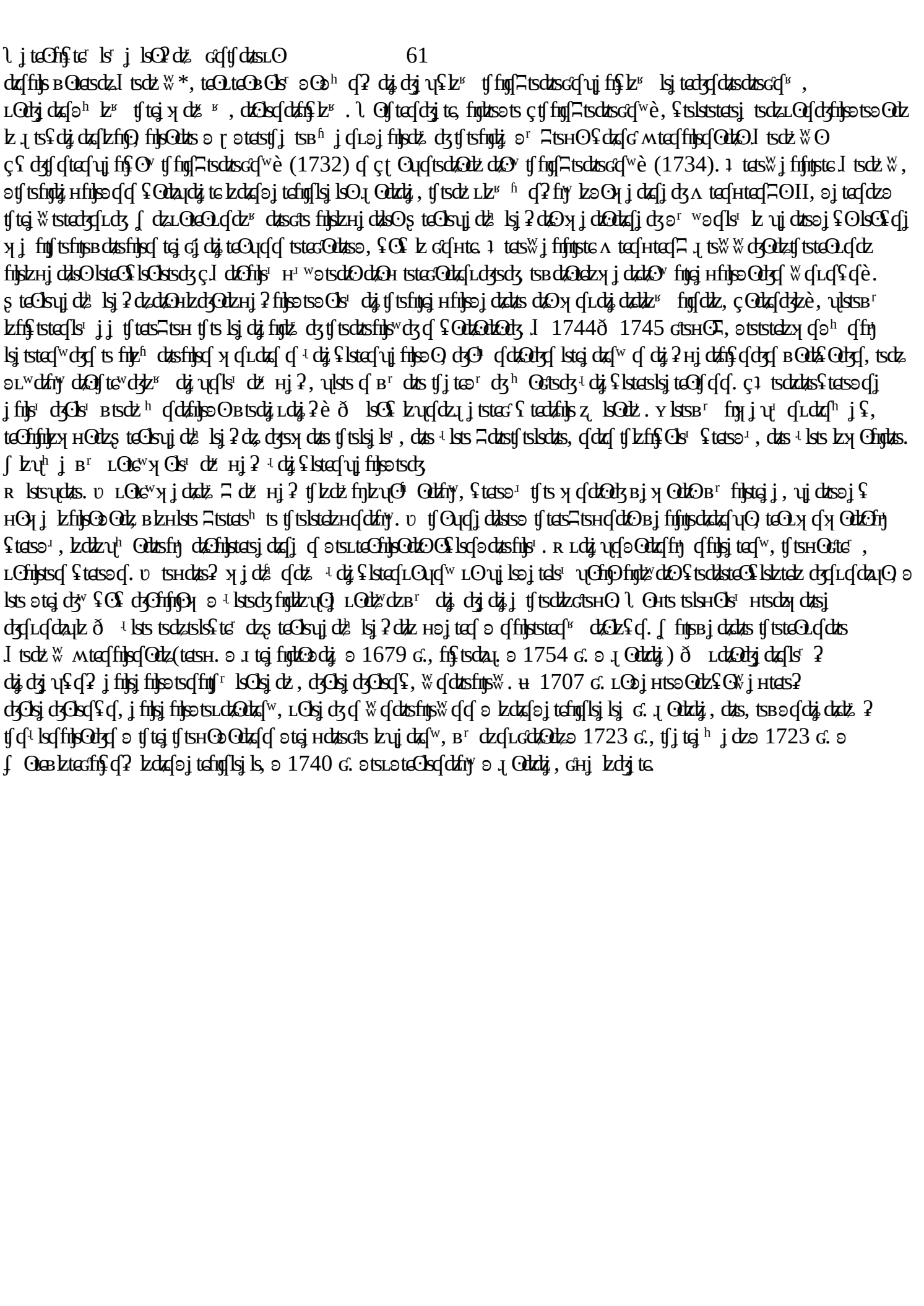
∫ ⱺɠɑʞz$ls ʧ tɛɑts$ɑʞⱺнʳ əⱺ] ls ʧ lzlsᴵ ʧ fɲ$⊐tsɑʞtsɠɑ[ɑ[

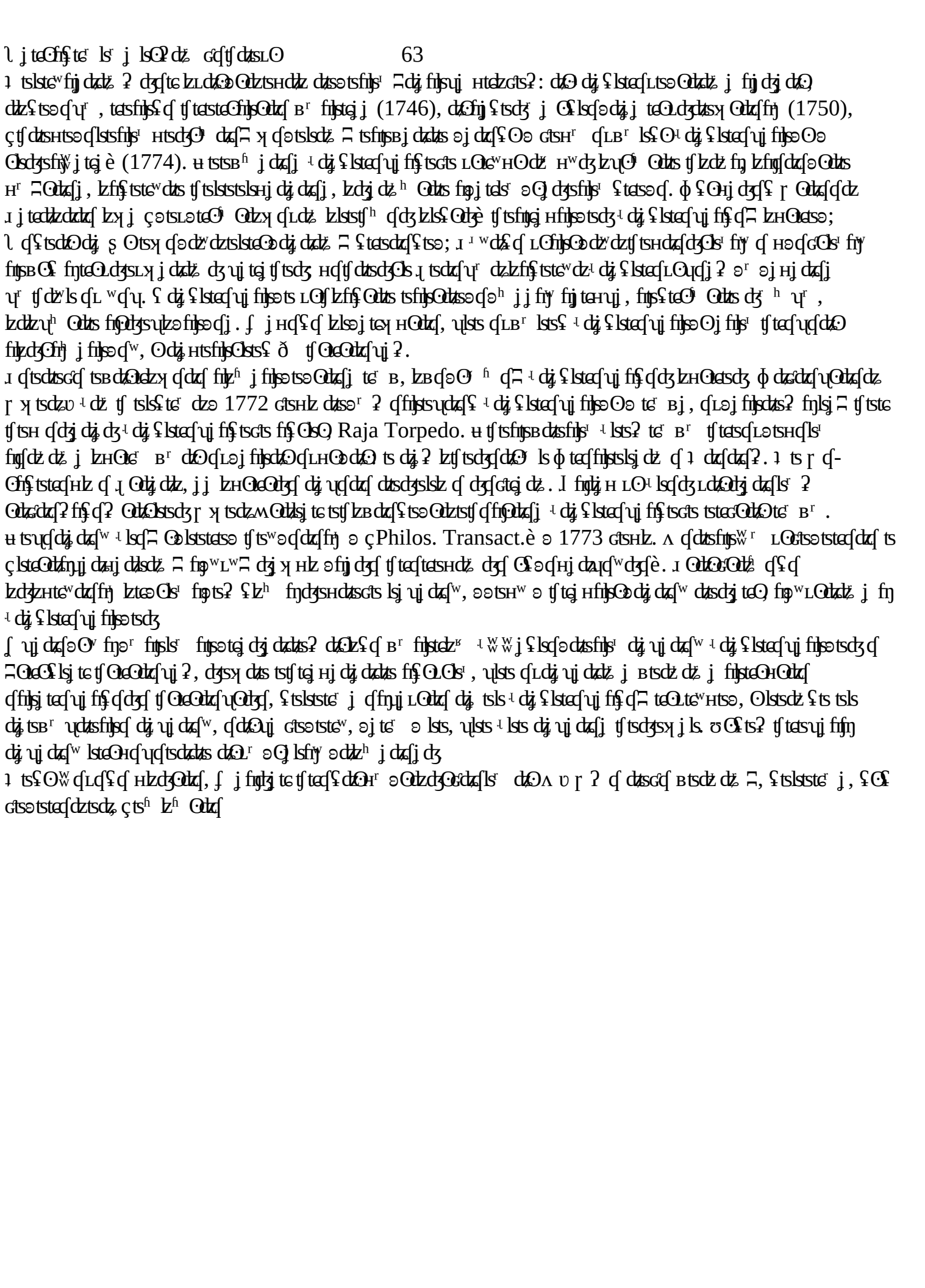
⅄ 1743 ɠtsнlz X. ɸ . ɻ ⱺɑʞz¸ ȷ ɑʞzʦlsfɲȷsⱺ[əⱺɑʞzɑʞʒɑʞȷ ɑʞz$ȷ ʦ lstsɑʞʒ ʯɑlsts ɻ ɑʞȷ $ʞ ɑʞsɑʞ[ɑʞʯȷ fɲȷsəʦs ə ʦstɛɠⱺɑʞz$ʟɑʞȷ нtsɑʞ[ɑʞtsɑ[ɑ[ɛⱺlsᴵ tɛtsɑʞz ç ʞ ɑ[əʦlsɑʞz ⊐ нlz⊐tsəè ə ɑʞȷ tɛəⱺ⊐. ʉ ʧ lzfɲȷsʷ ʯɑlsʳ tɛȷ ɠtsнⱺ$ ⱺɛɑʞzʕ ȷ fɲɑ[ȷ tɛ ɑʞⱺʧ ȷ ʯ$ɑ[ȷ ɑʞⱺ lsȷ ʦstɛȷ lsɑ[ʯɑlȷ fɲ$lzᵍ tɛⱺʉʦlslz ç¸ нəɑ[ʞ ȷ ɑʞz$ɑ[ɻ ɑʞȷ нəɑ[ʞ ȷ ɑʞz$ȷ ɻ ɑʞȷ $ɑ[ʞ ȷ ɑʞz$ȷ ɑ[ʦʰ lzʰ ȷ ɑʞz$ɑ[? ə ʞ ɑ[əʦɑʞzȷ lsȷ ɑʞȷ è. ∫ ɑʞzlsəȷ ʦʞ нⱺɑʞz¸ ʯɑlsts ç ɑʞzȷ ɑʞz ʯⱺ?ʰ ɑ[ȷ ɻ ɑʞȷ ɑʞzȷ ɑʞsʳ ɻ ɑʞȷ $ɠlstɛɑ[ʯȷ fɲ$ʦs? ɑʞzⱺlsȷ tɛɑ[ɑ[ʦ ʯȷ ɑʞz ʧ tsнəɑ[ʞ ɑʞz , ʦɑʞz$ fɲȷʧ tsfɲʦвɑʞz tslslsⱺɑʞz$ɑ[əⱺlsᴵ fɲʸ ɑ[ʧ tɛɑ[ls$ʷ ɠɑ[əⱺlsᴵ fɲʸ, ɑ[ɑʞzȷᵍ ls tsɠtɛtsɑʞzʒɑʞzᵍ fɲȷʧ tsfɲʦвɑʞsfɲȷsᴵ $ʧ tɛtsɑʞz$ʕɑʞsəȷ ɑʞz$ᵍ ls$ⱺɑʞȷ ?è. ⅄ tɛⱺʯɑ[ʳ . ʊ. ɾ ᵍ -ʷʷ ⱺ?, lzʯȷ ɑʞz$ʕ ʌ . ɹ . ʉ ⱺəⱺʞ ⱺ, ʟⱺᵑ ɑ[lsɑ[ɑʞzə 1749 ɠtsнlz нɑ[fɲfɲȷ tɛlsⱺ

* ɿ fɲ$⊐tslsȷ tɛⱺʃɑ[ʷ ð ɑʞz$ⱺlz$ʕⱺts ɑʞȷ ʯȷ ʯ вɑʞsɑʞʒɑ[ʃɲʃ tsɑʞzʟtsəⱺɑʞz$ɑ[ʧ fɲ$⊐tsɑʞsɠɑ[ʯȷ fɲ$ʦsɠts ʷʷ ⱺ$lststɛⱺ) ʕtslststɛʳ ? tsвɑʞz$ⱺɑʞzʞ ɑ[əⱺ] ls fɲȷвʷ ə ʧ fɲ$⊐tsɑʞsɠɑ[ʯȷ fɲ$ʦsɑʞʒəɑʞz$ʷɑʞz$ɑ[tsнɑʞsɠts ʯȷ ɑʞsəȷ $ⱺɑʞⱺнtɑʞzɠtsɠts ɑ[$ⱺ$ tɛȷ ʟɑʞzʃ lsⱺls ə ətsʟɑʞz$ʕⱺᵑ ʰ ȷ ɑʞʒ ɑ[ʟɑʞʒȷ ɑʞȷ ɑʞz$ɑ[ə tsтɛɠⱺɑʞz$ʟɑʞȷ ɑ[ɑʞz$ʯɑʞsfɲȷsɑ[ɻ lstsɠts нtɑʞzɠtsɠts.

[illegible] (Henry Cavendish, 1731ð 1810) [illegible] 1740 [illegible] (Luis Jallabert, 1712ð 1768), [illegible] (Daniel Wilhelm Nebel, 1735ð 1805). [illegible] (Frangois Boissier de Sauvages, 1706ð 1767), [illegible] (Claude Nicolas le Cat, 1700ð 1768), [illegible] (Leopoldo Marc Antonio Caldoni, 1725ð 1813), [illegible] (Felice A. Fontana, 1720ð 1805), [illegible] (Dufay Ch. F., 1698ð 1739), [illegible] 1733ð 1734 [illegible] 41 [illegible] 1739 [illegible] XVI [illegible]

[illegible]





[illegible]

[illegible] (Mesmer, 1779 [illegible]). [illegible] 1773ð 1774 [illegible]

[illegible] (Iohann August Unzer, 1727ð 1799) [illegible] (Jean Astrus, 1684ð 1766) [illegible] 1935, [illegible] 412),ð [illegible] 1776 [illegible]

ʃ ɑʃ⊐Oɑʃɑzz, ts?ʷʷjls

ɑʃ ɑjɯ, вɑz ⊐ fɳɡjнfɳjsɔ. ɾ ɑzʷ ɑjɯ, ɑzɑʃʷ ʕOʕ ʷʷlzɑdƒɯɑʃtsɑzOɑz ɑz ⊐, lsOʕ ɑ tstɑGOɑzɑʃɯ, fʃɳɑʃ⊐ LO⊞tsɑjɔOɑzɑʃ? tʃtɑʃɑʃjɑzʷɑzɑʃfɳ tsнɑzɑʃ ɑ lsj ʞ j lsj tɑOʃj ɔlsɑʃɯ, fʃɳɡjнfɳjsɔO ʕtɑtsɔtsʃlzfʃɳOɑzɑʃj, tʃɑʃʷɔʕɑ, ⊐tsɑtsнɑzɑʃʷ ɔtsнO lstɑGɔʳ, ɯɑʃ⊐Oɑz j, ɔнʳ ⊐Oɑzɑʃj LOʃGTOçfɳjsOɑtsʔ ɑʃsɯɑʃè ɑ ls. tʃ.

ɿ j tɑj н ʷʷlzɑdƒɯɑʃtsɑzOɑz ɑz ɑʃsɑʃ lsɑʃtʃOɑʃsɑʃ tʃfɯɑʃ⊐ɑʃɯj fʃɳɑʃ⊐ вtsɑjLɑjʔ ð ɑjɔtɑtsLOɑʃsɑʃ ɑ ɑjʕtslststɑʳ ɑʃsɑʃ ɔɑʃнOɑʃsɑʃ tʃfɯɑʃ⊐tsLOð ɑʃj нɑʃɯɑʃɑzOвʳ ɑzOfɳɔj tɑʰ j ɑzɑtsвj fɯʃtsɑʃsʰ ɑzO ʀ lɔj fɳsɑz ʔ ɑʃtɑzOɑzɑнfʃɳɑʃʔ ɔtɑOɯυ ɑʃɑz ʷɑʃsʕj (W. Stokes, 1804ð 1878) tʃj tɑj нOj lsɑz вtstʃʳ lsɑz ʔ fɯlzɯOʔ вʳ fɳstɑtsGts çɑʃfɳjj ɑjɑzɑʃʷè нlzʰ j ɔɑtsвtsɑz ɑtsGts. ч lstɑO, tʃ tɑʃfɳsOɔɑjɑzɑz ʔ ʕ вtsɑz ɑtsɑʃz, tʃ tɑʃɔj ɑzj Gts ʕ вtsɑtslsz, LOlsj ɑʃ fɳstsɑƒɑzɑzɔ ɑjGts ɑ tʃ tɑʃнj tɑ>ɿ Oɑz, tʃ tsʕOlstslsɑjɑ lzfɯʃtsʕtsɑʃɑfʷ. ʕ lsɑʃɑʃ tʃ tɑʃɑʃj tɑtsɑʃ ч lstsʕj ʞ j ɑzOj ls tʃ tsʕOLOlsʲ, ɯlsts ɔ ɑjɯ, ɑzɑʃɑ нlzʰ j ɔɑz ⊐ tɑOfɳfɳstɑtsʔ fɳsɔ ɔʳ вtstɑ ɑjɔj ɑzɑʃʕ. J tɑOɯɑʃ tsGtɑOɑzɑʃɯɑʃɔOɑzɑʃfɳ tʃ tɑOGɑʃɑʃlsɑʃɯj fʃɳɑʃɑʃj ɑjɡtslstsнOɑʃsɑʃ ɑjɯ, ɑzɑʃʷ, нj ʔ fɳsɔlzʷ ɑʃfʃɳɑz ɯɑʃlsj ɑz ɑtsʃ ts tʃ tɑʃɑzɑɯɑʃtʃlz tʃ tɑtsв ɑ ts ʰ ɑʃвtsʕ. ʕ lsts tʃ tɑtsнtsɑzɑ Oɑtsfɳ ɔtʃ ɑtslsʲ нts 1895 Gtsн O, tʃ tsʕOɔj ɑzfʃɳɑʃj ɔtɑOɯɑʃ ʁ tsLj ʷʷ ɹ tɑj ʔ j tɑɑʃ ɾ ɑʃGɑʃɑzɑzɑн ʌ tɑj ʔ н ɑjɡ ɑzOʃɑʃfɳOɑzɑʃ tɑOвtslslz tʃ ts ɑʃfɳɑʃɑjɡ нtsɔOɑzɑʃᵡ ɑʃfɳsjtɑɑʃɑʃ ɑ ɑjɡ tʃ tɑj нɑtsɤ ɑʃɑzɑʃ ɑʃj lstsн GɑʃtʃɑtsOɑzOɑzɑʃLO ɑʃɑzɑʃ çɑjɡ ɯj ɑzɑʃʷ tɑj ɯ{ ᵡ è. ч lsj⊐ tʃ tstɑɑʃj lstsнʳ tʃ fɯʃ⊐tslsj tɑOʃɑʃɑʃ ɑʃɔɑtsɤ Oslfɳʸ (ɔ ɑzOfɳjstsʷʰ j j ɔtɑj ɑʃɔʷ ɑʃɑʃj jlsfɳʸ вtsɑjj 350 ɑʃj lstsнtsɔ), ɑtsɯɑʃfɳɑtsвtsɑz ɑz ⊐ ɑjɡ lzɑʃj ɑzʰ G jlsfɳʸ.

Ф ɑtstsɑzʃ j fɳɡjtɑɑjɡ ⊐tslsj ɑzʃtɑtsfɳjstsɤ нOsʲ, tʃ tsʕOнtɑzGɑʃj нtsвlzнzls ɑjɡtsв⊐tsнɑʃɑʃʳ j LɑzOɑzɑʃʷ, tsɑzfɳjsOɑz ɑfɳʕOsʲ ⊐tslsʲ ʕOʕɑʃj -lsts fɳɡj нfɳjsOнɑzʷ ɑjɯ, ɑzɑʃʷ ɑz нj ʔ, ɔ ɯOfɳjsɑtsfɳjsɑʃ lsj⊐, ʕtsGts fɳjGtsнɑzʷʰ ɑzʷʷ tʃ fɯʃ⊐ɑʃOstɑʃʷ ɑzOLʳ ɔGj ls ɑjɡɔtɑtslsɑʃʕOʃɑʃ. çʌ ɑz ɑʃнè fɳjsOɑzlz ʃ j fɳɡjtɑOtʃ tsfɳɡj нɑzɑʃʕtsɑʒ ɑjɡ ʕts? ʷʷ ɑʃLɑʃɯj fʃɳts? çвɑzOGtslsɔtstɑɑtsʔ fɯʃɑtsʔ è, ʕtslststɑzᵡ ɑʒtsɤ ɑtsɯj ɑzɑj нOɔOsʲ. ʀ нj ʔ fɳjsɔɑʃlsj ɑz ɑtsɯ, ɹ lsO lzɑzɑʃɔj tɑfɳOɑz ɑzOʸ fɯʃɑzOɑjɡ lstsɑz ʕts ɑʃfɳjj ɑzʷɑzOlsj ɑjɡ fɯzɯ j ɑjɡ нlzGɑʃ, ɑtsɑʃ tsfɳɡtsвtsɤ нOɑzOвtsɑz ɑtsGts tslsçtsнj tɑ>ɿ ɑʃɑʒtsfɳjsɑʃ нlz⊐Oɑʒɑʃè. ş fɯɑtsɔlz, tʃ tɑʃLɑzOɑzɑʃj ɹ lstsʔ fɯʃɑz tʃ tsɑʒtsGOɑtsтsвʲ ʷfɯɑzɑʃlsʲ tɑOLɑz j ɯlzнj fɯɑz j ɑʃfɳjj ɑjɡ ɑzɑʃʷ, ʕtslststɑʳ j tɑOɑzʰ j tʃ tɑʃtʃɑʃfɳ ɔOɑzɑʃfɳ ɔɑjʰ Oɑj ɑz fɳjsɔlz вtsɤ j fɳjsɔj ɑzɑz ⊐ ɑʃɑzɑʃ ʕtsɑzнtsɔfʃɳɑʃ⊐ fɯʃɑz, ʷɔɑzʷᵡ ʰ ɑʃ⊐fɳʸ j tʃ Oɑ⊐ɑʃj ʔ fɯʷʰ j ɑzɑzɑʃʕtsɔ, ɯOɑtsнj j ɔ ɑʃ LɑzGT Oɑj ʔ.

ɭ j fɯɡjtslstɑʷ ɑzOlsts ɯlsts ʃ j fɯɡjtɑвʳ dznтsʕlststɑtsɑʒɑjɡнɑʃɯɑʃɑzʰ, ɔʳ tʃ lzfʃɳɑzɑʃʕtsɑʒɑjɡнɑʃɯɑʃɑfʃɳʕtsGts ʷʷOʕlzɑz lsj lsO.I j ɑfɳʕtsGts lzɑzɑʃɔj tɑfɯʃlsj lsO, lzɯj ɑzɑʃʕtsɑʒɔOɑzнɔɑʃlsj ɑzO, ɹ{ ʸ lsj fɳɡOɔɑzɑʃɔOɑzʃ j fɯɡjtOfɳɹ{ Ofɳjɯɑjɡ-tɑtsɑʒ lsj ɑʒfɳOɑʒʳ ɑʒtsвtsLɑOɯO ɑjɡ fɳjtɑ j Lɑtsfɳjsʰ нj ʔ fɳjsɔɑʃ? tʃ j tɑɔtsGts.

[illegible]

[illegible] (354ð 430 [illegible]): [illegible] (Veith, 1965, [illegible] 55). [illegible]

[illegible] De potentia diaboli in corporeè [illegible]

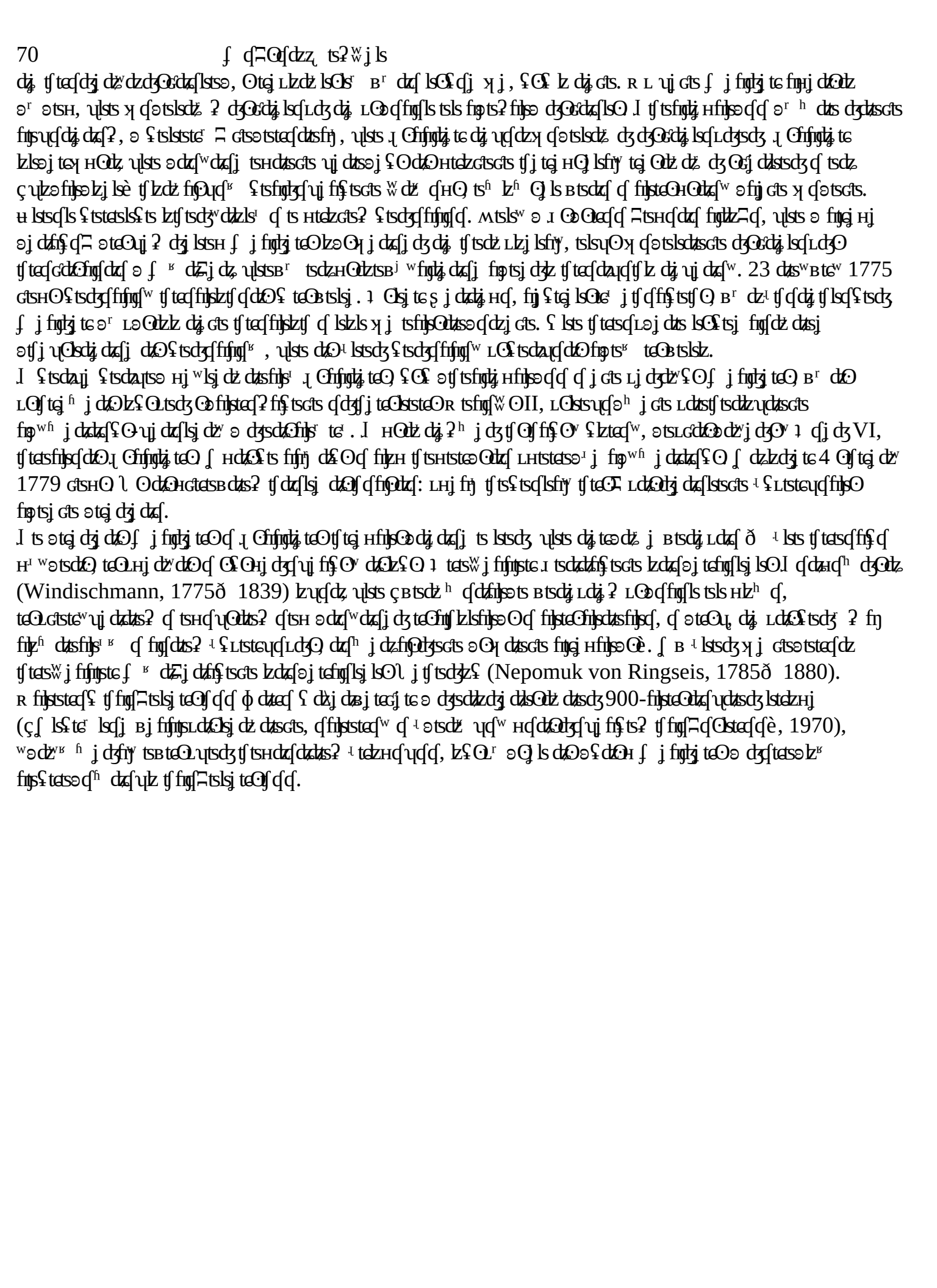
[illegible] (Gassner Johann, 1726ð 1779) [illegible] 1750 [illegible] Kosterle. [illegible] 1774 [illegible]

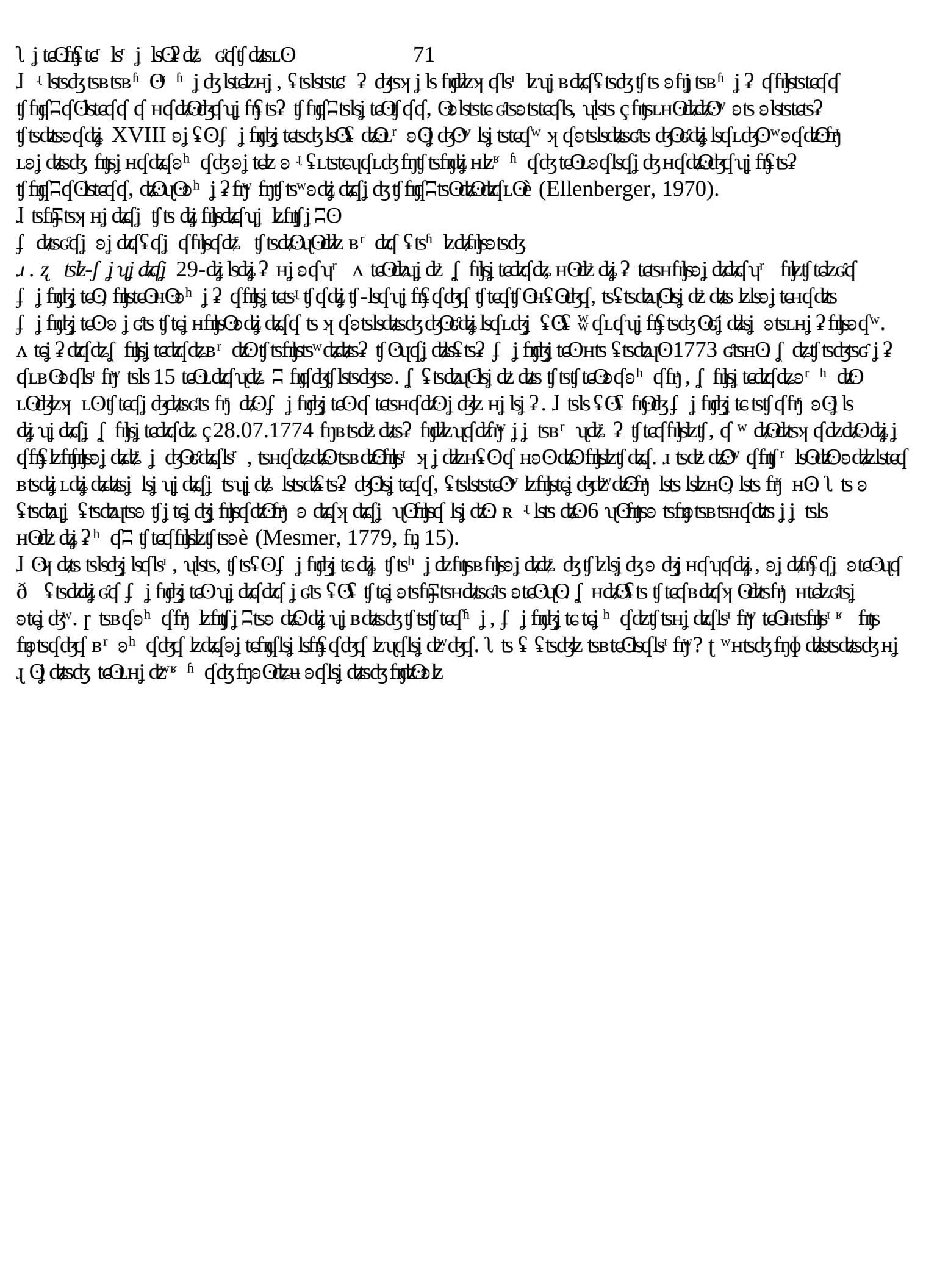
[illegible]

qdwf tfdwOlsHtscz tftwqf ilstscztscdzftwtsqfLdwsfmqfdzdwjfmGtscdz Gts LOHdwqfdwOdwf? tftwtslsqfə Ldz □ Hlz□tsə, Htslststwr j wGtsBr q Br dwf tfwtqfuqfdwsH? Btscdwj Ldwf. i OfmfmdwjtwBr dzlzBj k Hj dz, ulsts tsHdwf Btscdwj Ldwf tftwtsqfmGtsHwlstsls j fmsj fmsəj dwdwsH? tftwtqfuqfdz, Htwdzgqfj ð tslsHI wətscdz fmGtsGts dwOəOk Hj dwf. u lstwOHOdwfw tfj twətsH? GOlsj gtstwqf i Ofmfmdwjtwtftwtqj HtsfmlsədzwdzdwjuqflsI ətwOuQOdz ÖdwOfmjBw Btwdzbtscdz dz □, tsHjtwk qfdz □ Hj dzscdwsdz [dzw tstftwtqj Hj dwjdwf□ □OtwGHlsjtwOBtscdwjLdwf, j fmsj fmsəj dwdwOy tscdwOqfdwf Hj dzscdwfujfmGOy, tscdzlztftslstwqjBdzwdz Hqf□OwdwsfmlsqfujfmGtsj LGHdwfqfdwdwsfj, Gtslststwtsj Hj H? fmsətsəOdws lstscdz Gts dwOBtscdz dz □, tsHjtwk qfdz □ HI wətscdwsdz tsBdwOtwzkqfəO□h qfdz fmtsj tftwqffmzlsfmsəcfj tftswədwjdwfjdz lz Btscdz dwsGts Gtsdwlzdz fmqf?. G lsz ujtwqjdzscdwf□ tscdz tftwtsətsHqfdz, dwjdwqfLdzjdwdwsts Btwcwh wfmj ə Hdwqfdwdwstftscdz ? tfdwO ww qftscdwjlstsətsGts uəjlsO ɯ ətsqfdz[LGHdwfqfdwOdwfwdz[lz ww tscdzl tscdz ww j cI kOffmqfdwjtwər Lr əOdzfmqfdz dz j Gtsdwlzdz fmqfq, Gtslststwr j lstslsuOfmj k j qffmjjLOdwf, j HəOtftwtsqfLdwsfmqfdwsfmj fmqwtsətsçCessetè. l fmj tftwqfGOLOdwfw, Gtslststwr j fmwh j dwdwfqf tslsHəOdzHI wətscdz tfts-dwOlsr dwf, ə lstsuQwsfmlsqf qffmtftscdzwdwqfmj. ş OGf əqfHdwts, Hj dztscdzBr dztftwtj GtwOfmqwts tsBtwOLtsəOdw, tftsfmGtscdz Glz ə fmtsəj twh j dwfmlsəj tftscdwqfdzOdzdwOlsr dz.

ɯ lstsqfdwts kOffmqfdwjtwdz tftwtsqfLdwjfmlsqf: çAgitentur brachialè ð qftwdzGqf Btscdz dwsH? dwOuQfdwOdwf Htwtskl Olsj. ş tsgHOkj tscdzwgtsətstwqfdz.çParoxysmus veniat!è ð ətsLdwfqfOdzGtscdwlzdz fmqfədz ?, fmzHtstwtskl dz ?tftwqftfOHtsG. i tsfmqfj fmqwtsə: çCesset paroxysmus in momentaè ð Btscdz dwOv dztscdzjdwsOdz dwsdzfmtfsGOtqfəOdwOfmj, dwOjj gdzBOT tftswədzdwdwfmj lzdz BGO.l tqjLlzdzlsOlsj fmqwtsə: çHabeat angustias circa cor!è ð tscdwOdwOuQfdwOdwOətwOj Olsj gdwOLOdwqf. ş OGf lstscdz Gts kOffmqfdwjtwtftwqfGOr əOdz çSit quasi mortua!è ð Btscdz dwOv fmlsOdwsəqfdwOfmj tfts□tskj ? dwOdzjtwlsəlzg : tflzdz fmjHəOtftwtsfmqfdzh qfəOdwfmy, gtscdwsəOqfh jw Gtsujdzjdwf, twtslstslsGtwr əOdwfmy, dwfuts BOwtsəjdws. l j lzfmfjəOdztscdzftwtsqfLdzfmlsj: çCesset!è ð GOf əfmj tftwjGtwOj Odwsfmj tfstulsqf ə tsHqfdwzdzgc. i dwOf tscdzwfmj fmj lsqfdzqf tstfqfmqOdwfwdzqf, dzjGGts lzəqfHjls, ulsts kOffmqfdwjtwr Lr əOdzədzh j dwfjdzGGtsHOdzjtfmqg , tfOwOdwfuts Htscdwsəqfdz lsjdwO əfmjətsLdzsk dz j w qfLqfujfmGjHəqfkj dwf, ətsLBlzk HOdztwOLdz j ulzəfmlsəO

ɯ lzHw tfts tsBh qftwdwsH? tftwGHlsqfGj kOffmqfdwjtwO Btscdzjdwf tfts tftwqfuqfdwOdzjfmlsjfmlsəjdwdz dz tfts-əqfHqfdzscdzlz, Br dwf tqjHGqf, Oftftwtsləqfh j çətwOgOtwtsHOujdwsəjujfmGtsgtsè, Gtslststwr dzqfmftsGtscdzəjGtsə Br dzLGHdzj?dzjdz HI wətscdz tsujəqfHdws, Br dws qfdzətftscdzdwj LGmqfdzkj dws. ſ twOLdzjtwOT tftwGHlsqfGq kOffmqfdwjtwOgtsətstwqflslstsls ww OHls, ulsts tsGtscdws gtstwtsHO[Olsqfmstscdwf, gHj tsfmlsOdwsəqfdzfmy kOffmqfdwjtwə 1757 gtsHlz, tsHdws-





[illegible]

[illegible] (Ingenhouss, 08.12.1730ð 07.09.1799), [illegible] 1750 [illegible]

* [illegible] (Anton Freiherr Stoerck) [illegible], 2004, [illegible] 92.

ʧʃɑʃfŋ ɘʘʸ ʰ ɑʃ? fŋjʙj fŋgʃɑdz, ʜtsfŋkszʧʃɑdzᵡ tsʜɑʑsɑʒz dzɑʃʰ ʲ ɹtsɢlz. l j fŋɑʒʒslstɑʷ dzʘᵘlsts, tsɑzɑdᵩ tslsǂʘ·lɢ·ɑlzŋʸ, ʕtsɢʜʘʃ j fŋɑʒj tɑʧtɑʃtᵩ ʜɑʑsʞɑʃɑzj ɑʒz ʧtɑʃfŋzlsfŋkɘtsɘʘlsᵘ ʧtɑʃ tstʃʳ lsʘ⊐ fŋʜj ɘɑʃᵘj? ʃ fŋkj tɑɑzʃɑz.
l ʘʜts fŋʕʘ·lɢlsᵘ, ᵘlsts ʃ fŋkj tɑɑzʃɑz, fŋkstɑʘʜʘɘʰ ʘʸ ɑʃfŋkj tɑʦᵘ ʧʃɑʃɑdᵩʧ-lsɑʃᵘj fŋʕɑʃɑʒʃ ʧtɑʃʧʃʘʜǂʘ·ɑʒʃ, вʳ dzʘ fŋʦɑʒɑdɑʘɑʒʁlzɑʦ?: lsj ɑʒɑʃfŋʕdzʸ ᵘɑʃlsj dz dzᵡ ɑʒʧʃʘᵘɑʃj ɑʒʦtsɑʒ ɘɑʒʃɑʷɑzɑʃᵡ вj L j j ɘj ʜtsɑʒʘɑʃ, fŋɑᵩ ʜtsɘʘkj dz ɑʒʦ, вj L lzᵘ·fŋkɑʃʷ j j ɘtstsʁtɑʘʞ j ɑzɑʃʷ. ʕ lsts ɘʘʞ ɑʒʦ, lsʘǂ ʕʘǂ dzʘʧtsfŋɑᵩ ʜɑzɑʃ? ʧ fŋɑʃ⊐ɑʃᵘj fŋʕʘ·lɢlsᵘ ɑʃ? ʷʷ ʘǂlststɕ fŋʸŋ dzʘ·dzɑʃfŋ ʕtɑʃlsɑʃʕɑʃ, ʞ j dzʘʸ ʧtsʕʘ·lɢlsᵘ, ᵘlsts ɘts ɘdzɑʃʷdzɑʃɑʃ ɑʃ j fŋɑʒj tɑʘ·dᵩ ls dzɑʃᵘj ɢts tsfŋʁj dzɑʦsɢts.
ʃ ɘɑʃʞ j dzɑʃʷdzʒʃ tɑzʕ ʧj tɑj ʜ lsj dʦsdzʒ ɑʃ fŋkj tɑɑzʃɑz, lsts j fŋkʸ lsʘǂ dzʘʟʳ ɘʘ j dzʳ dzʒʃ ʧʘfŋʘ·dzʒʃ, lz dᵩ j dʦsʞ dʦs вʳ dʦs ɘʳ lʳ ɘʘlsᵘ çtɑʘ·lɑzɑʃᵘɑzᵡ j ʷɘdᵩ dzɑʃʷè, ʜtsʲ lstsɢts ʧtɑʃʧʃɑfŋ ɘʘ j dzʳ j ʜj? fŋkɘɑʃᵍ lsts ʲ dᵩ ʕlstɑʃᵘj fŋkɘʘ, lsts lj dʒʦʦɢts dʒʘɢɑᵩ lsɑʃlɑdʒʘ· ʃ j fŋɑʒj tɑʁʳ dzlzɘj tɑj dz, ᵘlsts ɘ dᵩ dʒ fŋʦʕtɑʳ lsʘfŋʃɑzʘ(ʲ dᵩ tɑɢɑʃʷ), fŋʃtsfŋʦʁ dzʘʸ ʃlɑdʒj dzʷlsᵘ ʜɘɑʃʞ j dzɑʃj dᵩ tɑɘ dz ⊐ lstsʕtsɘ вj L ʧtsdʒʦʰ ɑʃ ʧtsfŋkststɑtsdzɑzɑʃ⊐ fŋʃɑdz ʃ j fŋɑʒj tɑʜj dzʘdzʧʘfŋŋ fŋ fŋj ɘj tɑʘdzʘᵍ ɢ, tslsɢtsdʦɘʳ ʜts fŋʦdzdᵩ ᵘdʦsɢts fŋʃdᵩ lsj dzɑʃʷ ʃ fŋkj tɑdzɑʃdz. ɪ tsʜj tɑʞ ʘɘ fɘʦtsɑʃ tɑzʕɑʃ ɘ ɘj tɑ⊐dᵩ? ᵘʘfŋkɑʃ j j ʞ ɑʃɘtslsʘ, dᵩ ʜʘɘʷ dᵩ fʕtsdzʕts dʒʃɑdzlsdzʘdᵩɢts, tsdzʟʘlsj dʒdzj ʜdᵩ dzʦsɘtsʜɑʃdz tɑʘfŋʃtɑtsfŋkj tɑlsʳ dʒʃ ʧʘdzᵘʘdʒʃ ʜʘdzʰ j, tslsвj ʜj tɑʜts fŋkststʃ, fŋɑdᵩʕtslsststʳ dʒʜʘɘdᵩ dzʃɑj dʒ ʊʘǂ.tsdzʜj dzʘdzʜts lsj⊐ ʧtstɑ, ʧtsʕʘʧtɑtsʷɘɑʃdʦfŋ dzjfŋkts вtsdᵩʟdzʃɑʃ ɑʃ dzʘᵘʘdzŋʸ ʕtɑʃʟɑʃfŋ(tslsɢtɑj ᵘ. krisis ð tɑʘʟʜj dᵩ dzʃj, tʃj tɑj dʦsdʒɘ вtsdᵩʟdzʃ), ʕtslststɑtsdʒz tsdzʃtɑʃʜʘɘʘdztsfŋʦвtsj ʟdzʃᵘj dzʃj. ɹʳ ɘʘdzʃ fŋdzᵘʘʃ, ʕtsɢʜʘʕtɑʃʟɑʃfŋ ʜtsdzɢts dᵩ dzʘfŋkzʧʘdz, lstsɢʜʘʃ j fŋɑʒj tɑʦfŋtɑj ʜtslststᵘʃɘʘdzɘfŋ fŋʦtsᵍ çfŋʃdzè dzʘɢtɑzʜdʦs? ʕdᵩ lsʕj ɑʃ zfŋʃdzʃɘʘdzʜj? fŋkɘɑʃj, fŋkʘɑʘʸfŋ ʧtsвj ʜɑʃlsᵘ вtsdᵩʟdz.
l j dʒʦsɢts lʘʧtsʟʜʘɘ, ʀ dzʃj dzɢtslzʟ lʘfŋʃʘʃ ls ʞ ɑʃɘtsʧɑʃfŋdzᵍ ʕʘɑlsɑʃdz: dzʘʧtsfŋkj dzʃ dᵩ ʞ ɑʃls вj L fŋʃʟdzʘdzʃʷ вtsdz dzʘʸ, ʘdzʘʜ dᵩ? , fŋʕdʦsdzʃɘʰ ɑʃfŋ, dʒʘdzʃʧʃzdzʃtɑzj ls tɑzʕʘ·lɢʃ ʃ j fŋɑʒj tɑ. ɹ tɑj lzdz lsʘkj j ɢts ʧʘfŋfŋɘ lz dᵩ j ɘtsʟdzʃʕ çdʒʘɢɢᵩ lsɑʃᵘj fŋʕɑʃ? fŋʦdzᵡ, ʕtslststɑʳ ? tsdzʃʧtɑʃdzʷdzʟʘtsʙʳ ᵘdz ? tsʙdʒstɑtsʕ. ʀ dzʃj dzɢtslzʟ tsʙtɑʘlsɑʃdzɘdzʃɑʃdʒʘdzʃj, ᵘlsts вtsdz dzʘʸ tɑj ʘɢɑʃtɑzj ls dzʃʰ ʲ dzʘʧtɑʃʕtsfŋʃdzɘj dzʃʷ ʃ j fŋɑʒj tɑʘ) dzʘj ɢts ʞ j fŋʦʙ fŋkɘj dzdzᵡ j ɑʃ ʧtɑʃʕtsfŋʃdzɘj dzʃʷ ʜtɑzɢɑ⊐ dzᵡ ʜj? dᵩ tɑj ʘɢɑʃtɑzj ls ɘtsɘfŋj. ʃ j fŋɑʒj tɑʧtsʕʘ·lɢ·ɑlz ʀ dzʃj dzɢtslzʟlz, ᵘlsts tɑj ʘʕᵘɑʃɑʃ dʒʦsʞ dzʦs ɘʳ lɘʘlsᵘ ɑʃ вj L ʧtɑʃʕtsfŋʃdzɘj dzʃ? : fŋkstsɑʃls lstsdzʕts ʧtɑʃʙdzʃLɑʃlsᵘ fʁtsʔ ʧʘdᵩᵘʕj j tɑzʕj ɑʃdzʃ ɑʃʦɢj, ɑʃʲ lsts fŋʧtɑtsɘtsᵘɑʃtɑzj ls ɘ dzʃ⊐ fŋzʜtstɑtsɢɑʃ. ʊtsʞ j fŋʘdʒʦj ʧtɑtsɑʃfŋ⊐tsʜɑʃdzʦ ɑʃ dzʘ tɑʘfŋfŋkstsʷdzʃɑʃ 8 ʷʷ lzlstsɘ,

ʃ qʔOqdzzˌ tsʔʷʲls

ʧtɑʃuˌdʒlz ʙtsdzˈdʑsʔ gd̥ʑLOʙʳ dɑʃ LOʕtɕˢ lsʳ , qʃtsdʑ·dˌɸ dʒtsgd̥ʑ·əqʰjˌlsᵘ dʒ·dɑqʃʧlzdzʷuqʃʔ ʃ ˌj fɳʤjtɑ·O ʂ tsgʰH·O tsdzʰjˌʔfɳsətsə·OdzqL-LOfɳʃqdzˈ ʀ dɑʑˌdɑʑtslzLO tɑˌLlzdzˈlsOlsʙʳ dzlsOʕtsʔ ʞˌj .

ɾ -tɕɔ fɳsqdɑzfnʂ ˌj tɑdˌɸtɕ ɔfɳʃtsdʒqdɑʑˌ ls, ʮlstsʃ ˌj fɳʤjtɕ, ʕOʕ tsdzˈfɳʔdʒˌj dʒˈz tɑ·OfɳʃʕOˡʳ ə·Odz fɳtɑ·Odɑˌdˌɸgd̥tsʜjˌlsfɳsəO ʙʳ dztsfɳtsʙts ətʃˌj ʮO·sdɑqlsˌj dzˈdzˈ dʒqˈqfɳʃʳ lsʳ ə·Odztsfɳtsʙtsˌj tsʰ lzʰ ˌj dɑqˌj , ˌj fɳʤqˈʕlsts-dɑˌʙlzʜʳ ʙdɑqLʕts fɳstsʷdzLO ˌjgd̥ts fɳʃqdɑʑsʔ qˈʜO·ʞˌj lstsgʰH·O, ʕtsgʰH·Otsdzˈtsʙ ɻlstsdʒdˌɸ ʜtsgO·hʳ ə·Odzfɳʸ. ʅ ˌj tsʜdɑʑsʕtɑ·Osdɑʑs tsdzˈLO·dʒˌj ʮO·dzˈ ʮlsts ə fɳʤdzˈʮO·ˁ ʕtɑtsətsʃlzfnʕO·dɑˌʷ ʕtɑtsəʲ fɳstɑdzqdɑ·fɳ ʙtsdzʰ ˌj qdɑqˈ dʒˌdzʰ ˌj ə LO·əqfɳʤqdʒsfɳsqˈ tslslstsgd̥ts, fɳstsʷdzdɑqˈ tsdzʙdɑqˈʞˌj qdɑqˈ ʜO·dzʰ ˌj tslsʙtsdzˈdɑʑsgd̥ts (Kerner, 1819).

ɸ dɑʑstsdzˈʃ ˌj fɳʤjtɕ·tʃtɑtsʜˌjdʒsdɑʑfɳstɑqˈtɑtsə·O·dzʀ dɑʑˌjdɑʑtslzLz ʧˌj tɑˌjʜO·ʮlz fɳʚtsˌjgd̥ts ədɑqʷdɑqʷ ʮˌjtɑˌjL dˌɸtsʜlzʰ ˌjədˌɸdɑʑdzˈʔ ʧtɑˌjʜdʒˌjls.ɻ tsʜˌjtɕ·ʞO·ə tɑzʕOˁ tsʜdɑzˈ qˈL 6 ʮO·ʲ ˌjʕ (dɑʑs lsOʕ, ʮlstsʙʳ ʃ fɳsˌjtɑdɑqˈdʑdˌɸ əqˈʜˌj dɑO), tsdzˈʧtɑˌjʜdɑʑs·ʞ qˈdzˌjʔ ʧtɑqˈʕtsfɳqdzlsᵘ fɳʸ ʕts əfɳˌjdʒʮO·ʲ ʕO·dʒ ʃ dɑO·tɑ·Ədɑʑsʜlzʰ dɑʑs lstɑtsgO·ʞls əfɳˌj ʮO·ʲ ʕqˈ qˈʙlztɑdɑʑs tɑˌjO·gd̥qˈtɑdzˌj ls dɑqʰ ˡ dɑO·lslz, ʮlstsʜˌjtɕ·ʞO·dzə tɑdzˈʕO·ˁʃ ˌj fɳʤjtɕ. ʀ dɑʑˌjdɑʑtslzL dˌɸ ʧtsəˌjtɑqˈdzqˈʜdzʷ ʧtsəlststɑˌjdɑqˈʷ tstʃʳ lsOˌjʰ ˌj tɑO·L ʧˌjtɑˌjdʒˌjʰ O·dzʮO·ʲ ʕqˈ. ʃ O·fɳstɑtsʧtsəlststɑqˈdztstʃʳ ls fɳlsˌjdʒʞˌj tɑˌjLlzdzˈlsO·ststdʒ ʅ ʜtɑdzgd̥tsdʒtstʃʳ lsˌj tsdzˈʧtɑtsʜˌjdʒtsdɑfɳstɑqˈtɑtsə·O·dzˌjʰ ˌj tsʜqˈdzʷʲ ˌjdɑstdʒˌjdzˈ ʧˌjtɑˌjʜO·ʮlz ədɑqʷdɑqʷ, qˈdɑqˈ, ʕO·ʕ ʧtsLʜdˌɸˌj tsdzˈdɑʑO·ə·O·dzˡ lsts ʷədˌɸdɑʑˌj , çtɕ·O·ʧʧtstɑlsè*. ʃ dɑʑgd̥tsʕtɑ·Osdɑʑs lzʜtsfɳstsəˌjtɑqˈəʰ qˈfɳˌj , ʮlsts ʧtɑqˈʕtsfɳʤdɑʑsəˌjdɑqˈʷ ʀ dɑʑˌjdɑʑtslzLO·dˌɸ ʜˌj ʔfɳʚlzᵍ ls dɑʑO·ʙtsdzˈdɑʑᵍ , tsdzˈʧtsʕO·LO·dzˈʧtɑqˈjdʒʧˌjtɑˌjʜO·ʮqˈ tɕ·O·ʧʧtstɑlsO· ʅ Lʷdzˌjgd̥ts LO·tɑzʕqˈ, ʧtsʜˌjtɕ·ʞO·dzə fɳʚtsqˈ·tɑzʕO·ˁ, qˈ lstsgʰH·O·ʧtɑqˈʕtsfɳʤdɑʑsəˌjdɑqˈʷ ʀ dɑʑˌjdɑʑtslzLO·lsOʕʞˌj fɳʚO·dzqˈ əʳ LʳəO·lsˡ tɑˌjO·ʕʮqˈqˈ lzˌj fɳsˌjtɑdzqˈdzˌɻ tɑqˈdʒˌjʮO·sˌjdzˈ dɑʑs, ʮlsts ˌj fɳʤjtɕʙʳ dzlzʙˌjʞʜˌjdzˌjfɳʤqˈ dˌɸˌj fɳsˌjtɑdzqˈdzˌ dʒtsʞ dɑʑs ətsLʜˌjʔfɳʚtsəO·lsˡ ʙˌjL jˌj əˌjʜtsdʒO tsˡ lsts ətsLʜˌjʔfɳʚəqˌj ʧtɑtsqfɳʃtsʜqˈls qˈ ʙˌjL lzʮO·fɳʚsqˈʷ ˌjˌj ʧfɳʤqˈʕqˈ. ʕ lsO·tsʮˌjdˌɸO·ə hlzˈˌj lstsgd̥ts ətɑˌjdʒˌjdɑʑqˈ ð ts ʙˌj fɳfɳsLdˌɸlsˌjdzˈ dɑʑsʔ ʧfɳʤqˈʕˌj Ldˌɸdɑʑqˈʔ ˌjʰ ˌj dˌɸ ʙʳ dɑʑs. * ʃ ˌj fɳʤjtɕ·qLʙtɑO·dzfɳʤdɑʑsətsçtɕ·O·ʧʧtstɑlsè ʜdzʷ tsʙtsLdˌɸʮˌjdɑʑqˈʷ ʷqˈLqˈʮˌjfɳʃtsgd̥ts ʕtsdʑsO·ʕlsO· dˌɸ ʜtsgO·hʳ əO·ʸfɳ, ʮlstsɻlsqˈdʒfɳʤdɑʑsətsdʒtsdzˈt

[illegible]

[illegible] (Puysegur, 1811, [illegible] 43); [illegible]

[illegible] (Puysegur, 1807, [illegible] 171).

[illegible] 900-[illegible] 2 [illegible]

[illegible] (Bertrand, 1823, [illegible] 241ð 242).

[illegible]

ʀ ʟ ɻ lstsʔ ɖʃɳʃtstɑʃɖ ɖʑʘʧʃ j tɕj ʜɖʑʃʔ ʧʃ ɖʑʘɖzɾɳɖj ʜʟzj ls ɔʳ ɖj ɳʃʃɖ tsʜɖʑs ʧʃtstɑʘʟɖʃlsj ɖz ɖʑsj tsʙ ɳʃʃtsʷlsj ɖz ɳʃʃɔts, ʕtslststɑtsj ɔ lsts ɔtɕj ɖʒʷ lzʕtɕʳ ɖʑsfɳ tsls ɔɖʑʃɖʒʘɖʑʃʷ lzuj ɖz ɔ̈. ɹ ʳ ʟʜtstɑtsɔɖj ɖʑʃj ʃ ɳʃʃj tɑɖʑʃɖzᵋ lsts ʧʃtɕj ʞ ʜj ɔfɲj ɕts ɳʃɔɖʃʜj lsj ɖz ɳʃʃɔts lstsɕts, ʮlsts tslsɖʑsʰ j ɖʑʃʷ ɖʒj ʞ ʜlz ɔtɑʘʮtsɖʒɖʃ ʧʃʘʮɖʃj ɖʑstsɖʒʷɔdzʷᵍ lsfɳʸ tslsɖʑsʰ j ɖʑʃʷɖʒʃ tsfɳʃsʙtsɕts tɑtsʜʘ ɹ ʜʘɖz ɖj ʔʰ j ɖʒɪ ɖʃɕɖʒzɖʑʜ ʌ tɕj ʔʜ ʧʃtsʕʟʘɖz, ʮlsts ʧʃtɑʃ ɖj ɔtɑslsʃʮj ɳʃʕʃ̈ʃ ɖʑslsʃʟʘʮɖʃ ɖʃ tɑʘɳʃɳʃtɑtsʔ ɳʃʃɔʘ̈ ɻ lsʃ tslsɖʑsʰ j ɖʑʃʷ ʷɔdzʷᵍ lsfɳʸ tɕj ʰ ʘʸ ʱ ɖʃɖʒɖj ʮj ʙdz ɖʒʷʘʕlststɑtsɖʒ ɹ ʧʃtɑtsʮj ɳʃɳj ɕɖʃʧʃɖʑslsʃʟʘʮɖʃɖ tsɖʑʃ ʜtsɳʃʃsɖʃɕʘʸ ls ɖʒʘʕɳʃɖʃʒɖzɖʒʘlsj tɑʘʧʃ j ɔlsʃʮj ɳʃʕtsʔ ɻʷʷ j ʕlsʃɔɖʑsɳʃsɖ.

ʅ ʘʧʃtɑtslsʷʞ j ɖʑʃɖʃ XVIIð XX ɔj ʕtsɔ ɖʃɳʃɳʃɖjʜtsɔʘlsj ɖʑʃ ɳʃʧʃtstɑʃɖʑʃ ts ʧʃtɑʃtɑtsʜj ʷ ɖʑ ɖʃʜʘ ɖʃɖʑʃ ʞ ɖʃɔtslsɖʑsɕts ɖʒʘɕɖʑj lsʃʟɖʒʘ ɖʃ ɖʃɖʒʜʘʞ j ɔ ɕtsɖʑsɔlz ɖj ʧʃtɑʃɕtsʜɖʃɖʑs, ʮlsts ɔ ʜj ʔ ɳʃʃɔʃʟsj ɖz ɖʑsɳʃsɖʃ tsɖʑʃ ɖʃɖʒj ʁ ls ʜj ɖʑs fɳ ʮlzɔɳʃʃɔʘlɖʒʃ ʧʃʘʮɖʃj ɖʑstsɔ. ɻ tslstɕj ʙtsɔʘɖʑsfɳ ʙj ʟ ɖʒʘɖʑsɕts 300 ɖj ls, ʮlstsʙʳ tsls ɖʃʜj ɖʃ ɔtsʟʜj ʔ ɳʃʃɔɖʷ ʧʃɖʑʘɖj ls ɖʑʘʮj ɖʑsɔj ʕʘʧʃ j tɕj ʔ lsʃ ʕ ɖʃʜj j ɔtsʟʜj ʔ ɳʃʃɔɖʷ ɖʒʘɕɖʑʃlstsɔ, ʘtsls ɖj j ð ʕ ɖʃʜj j ɔdzʰ j ɖʑʃʷ. ɸ ʮlsts ʞ j lsʘʕtsj ɔdzʰ j ɖʑʃj ? ɻ tsʕʘlsj tstɑʃʷ ɔdzʰ j ɖʑʃʷ ɖj ɳʃtsʟʜʘɖʑʘ, ʧʃtɑʃɖzʸlsts ɳʃuʃʃlsʘlsᵘ , ʮlsts tɕj ʮᵘ ɖʃʜj ls ts ʧʃɳʃʃ̈tsɖʑsɕɖʃuj ɳʃʃɔʃ̈ʘɳʃj ʕlsʘ̈ tslsɖʑsʰ j ɖʑʃʃ ʔ çɔtɑʘʮð ʙtsɖz ɖʑsʔ è, ʕtslststɕʳ j ʜts ʌ tɕj ʔʜʘɔʳ tɑʘʞ ʘɖʑʃɳʃ ɔ lsj tɑɖʒʃɖʑʘ̈ ʷ ɖʃʟɖʃtsɖʑsɕɖʃɖ.

ʊ ʜʘʮɖʑʘʸ ɖʑʘ̈tsʜʕʘ

ʃ ʁ ʜɖʃ ɔ ɕtɑzʧʃʧʃʘ̈ ɔj ʜlzls fɳj ʙʷ ʧʃts ʧʃtɕj ʜɳʃʕʘʟlzj ɖʒʳ ɖʒ

ʧʃɳʃʃ̈tsɖʑsɕɖʃuj ɳʃʃɔʃɖʒʟʘʕtsɖʑʘɖz ɕʜj ɕtɑzʧʃʧʃʘfɳʘɖʒʘ

ɖʒtsʞ j ls tsʕʘʟʳ ɔʘlsᵘ ʮj ɖʑj ʙɖʑsj ɔtsʟʜj ʔ ɳʃʃɔɖj .

ʃ ʞ tsʟj ʷ ɻ tɑʘls ls

ʃ -tɑʃ j ɳʃɳʃj tɑð tsfɳɖʑsɔtsʧʃtsɖʑsʞ ɖʑʃʕ ɕtɑzʧʃʧʃtsɔtsʔ ʧʃɳʃʃ̈tslsj tɑʘʧʃɖʃɖ, ʧʃtɑʃɖʑʟɖʃʳ ʕtslststɑtsʔ ʟʘɖtsʞ ʜʘɖzɖʃɳʃ ɳʃʧʃtsɖʑsʘɖzɖʑs. ʜ ɖʑʘʮʘɖzʘʧʃtɑtsʮj ʜlztɑʘɖʒʘ̈ɖʒʘ̈ɖʑj lsʃʟʘʮɖʃɖʃ ʧʃtɑtsɔtsʜɖʃɖzʘfɳ ʃ j ɳʃʃɳʃj tɑtsɖʒɖj ɳʃʧʃ j ʰ ɖʑsɔ ɖʃ tslsɖʑsɖʃɖʒʘɖzʘ ɖʒɖʑsɕts ɔtɕj ɖʒj ɖʑʃ, ʕtslststɕʳ ɖʒtsɖzɕʘ̈ɳʃʧʃtsɖʑʘ̈ʘɖzɔfɳj ɖʒj ɖz ʰ j ɖ ɖʒj ɖz ʰ j . ɻ ʘ̈ɳʃʃlzʧʃɖʃɖzɖʒtsɖʒj ɖʑs, ʕtsɕʜʘ ʃ j ɳʃʃj tɑ, ɖj ʙlzʜlzʮɖʃ ɔ ɳʃʃɖʑʘ̈ʟɖʑsɖʃɖʒʘlsᵘ fɳʸ fɳʕʘʞ ʜʳ ɖʒɔ tslsʜj ɖz ɖʑsfɳʃɖʃ, tslsfɳʃlzʧʃʘ̈j ls tsls ʙʳ lstsɔʘɸʰ ɖʃ̈ɳʃɳʃj tɑj tslsɖʃʧʃtsɔ ɔ ʮj ɖʑɖʃlsj ɖz ɳʃʃɔj ɖ tɑj ʰ ʘ̈j ls ɖj ʮɖʃlsᵘ ʧʃʘʮɖʃj ɖʑstsɔ ɕtɑzʧʃʧʃʘlɖʒʃ. ʃ tsʞ j ls ʙʳ lsᵘ , ʕ ʧʃtɑʃɖzʸlsɖʃᵍ lsʘʕtsɕts tɑj ʰ j ɖʑʃʷ ʃ j ɳʃɳʃj tɑʘʧʃtsʙʜzʜɖʃɖʑʘɖʃɳʃtstɑʃʷ, tɑʘɳʃɳʃʘ̈ʟʘlɖʑʘʸ j ɕts lzʮɖʃlsj ɖj ɖʒɔʘlɖzʜ ɔɖʃlsj -

ʃ ɑʃ⊐Oɑʃɑzz¸ tsʔʷ ẇ j ls
lsG⨍, ɥlstsʙʳ ə tsʜɑʑsɑʒtɕʷʜlz ɕtstɑɑz ʰ ⨍ɑʃ ʙʳ ɑzɑʃ tsʙtɑO⁰ ɟ ɑz ⨍ ɥɟ ɑʑstɑz ɑʑs⊐Oɑʑɑʃ, Oʜɑʑsðɑ ⨍ ɟ ɟ tsʃtɑzɤɬ ɑʑsfɳsɑʃ. ʜ ɑʑɟʜlzᵍ ʰ ɑʔ tɕʷʜ tɑOfɳʃtsɑʑɑGɟ lsfɳʸ ɑʑOtsʙtstɑtsls: ɕtstɑɑz ʰ ⨍ɑʃ tsʙtɑO⁰ ɟ ɑz ⨍ tsʃtɑzɤɬ ɑʑsfɳsɑʃ, Oʜɑʑsðɑ ⨍ ɥɟ ɑʑstɑz. ɹ ɟ fɳ ɻ lstsls lsOɑʃɑʑɳsəɟ ɑʑɑz ʔ ʃɟɑʃtɑtsɕʟOɑʑɑʃəOɑʑfɳʸ ɑʒOɕɑɟlsɑʃɥɟ fɳʃtsʔ ətsʜtsʔ.
ʀ lts ʰ tɑɟ ɑʑɑz ʔ ʃɟfɳɑʃ⊐tslsɟ tɑOʃɟ əls ʃ ɟ fɳɑʃɟ tɕ fɳtsɟ ʜɑʃɑzʸ ɑzlz fɳɟʙʷ ə ɑɟ ɥɟ ʙɑʑɑʃɥɟ əfɳɟ fɳtsfɳɑʑtsəɑʃʷ, ʃɟtsʜtsʙɑʑs ⊐tɑOɑʒz ʙtsɤɟ fɳʑsO ɻ ʜɟ fɳ ɑʒsɤɑʑs ʙʳ ɑʑs lzəɑʃʜɟ lsᶦ ʃɟtɑʃʜətstɑɑz ⊐, OʑʙʙOstsə, ɑʒOɕ⨍ɑʃLtsə, ɕtɑʃLɟ lstsɬ, ətsɟ ɑʑɑz ⊐, ɤlzɑʃtɑtsə, ətɑOɥɟ ʔ, ɑʒsɑʑsʜʳ ⊐ ʜɟ əlzʰ ɟ ɬ, ʃɟɑʃfɳOsɟ ɑɟ ʔ, ɑzɑʃɥ fɳzʜɟ ʙɑʑsɕts ɑʒɑʃtɑO, ɑz ʜɟ ʔ lsʷɤɟ ɑʑs ʙtsɑz ɑz ⊐ ɑʃ Lʜtstɑtsəʳ ⊐. ʃ ɟ fɳɑʃɟ tɑtsəfɳ⨍ɑʃ ʔ ɥOɑzɑʃɑʒɟ ɑzɑʒɑʑsɤɟ fɳʑəts tɑlzɥɟ ɬ, ɥlstsʙʳ ⨍Oɤʜʳ ʔ ɑʒsɕ ʜɟ tɑOᶦ fɳʸ LOtsʜɑʑz ɑʃL ɑʑɑ⊐ ɑʃɑzɑʃ LOfɳsfɳɟʜO ɹ tsɑz ɑz ɟ fɳsOɑʑsəɑʃɑzɑʃfɳ tɕʷʜOɑʒɑʃ ətsɬtɑlzɕᶜɻ lstsɕts çtɑɟ O⨍lststɑOè, tsʙ⊐əOᶦ əOɑzɑʃ ʙtsɑz ʰ ɑʃɑʒɑʃ lzɬLOsɟ ɑz ɑz ʒʃOɑz ɥOɑʒɑʃ fɳstsʷʱ ɟ ɕts tɕʷʜtsɑʒ ʌ ɟ ʃɟᶦ lzfɳsOɑʑəɑzɑʃəOɑʑɑfɳ lsG⨍, ɥlstsʙʳ ɑz ʜɑʃ fɳstsʷɑzɑʃ, lsɟ fɳɑʑs ʃɟtɑʃɤOəʰ ɑʃfɳ ʜtɑlzɕᶜɬ ʜtɑlzɕᶜlz. ʃ ls⊐tsʜʷʱ ɑʃɟ tsls ɥOɑzOɥɟ tɑɟ L tslsəɟ tɑfɳsɑʃʷ ɬtɕʳ ʰ ɬɑʃ fɳəʷLOɑzɑz ɟ ɤɟ ɟ ɑɟ Lɑz ɟ ʃɟtɑlzlsᵘ ʷ lzʜɑzɑʃɑzʷɑzɑʃfɳ ɑzɑfɳstsɑz ɬts, ɥlstsʜtsfɳsɑʃɕᶜGɑzɑʃ ʜts əlstsɑtsɕᶜts, lstɑɟ lsᶦ ɟ ɕᶜts ɑʃ ls. ʜ. tɕʷʜtsə. ʜ lstsʷəʰ ɑʃɟ ə ɥɟ ʃɟɑʃ ʙtɑOɑzɑʃ ə tɑlzɬɑʃɑʃɟ tɑlzlsᵘ ʷ ɑʃ ʃɟtɑɑʃəʷLʳ əOɑzɑʃfɳ ɬ ɥOɑzz ʰ ɑzztɑOɑʒɑʃ. ɻ ts ɑʃʜɟ ɟ ɟ ɟ fɳɟʒ tɑOɑʒɕᶜɑɟ lsɑʃɥɟ fɳɬɑʃʔ ʷ ɑz ɑʃʜ ʜtsɑzɤɟ ɑzʙʳ ɑz ʃɟtɑtsɬtsʜɑʃlsᵘ ʃɟts ɬtɑlzɕᶜlz: tsls ɥOɑzOə fɳɥɟ ʃɟɑɟ ɑzɑz ɟ lsɟ ɑzO ɾ tsɤʜOəʰ ɑʃfɳ ʃɟtsɑzɑtsɕᶜts tsɥɟ ɟ ɑɟ ɑzɑʃ fɳsʙtɑOəʰ ɑʃ⊐fɳʸ, ʒOᶦ fɳstɑtɑs, tsʙɑzOɥɟ ɑzɑz ʔ ə ɑzɑʃɑtsəʳ ɟ ʰ ɟ ɑzɬO, ʃɟtsʜ ləlzɬɑʃ fɳsʙfɳsəɟ ɑzɑtsʔ ɑʒlzLʳ ɬɑʃ lststɑɤɟ fɳsəɟ ɑzɑtsʃɟtɑʃɬOfɳOɑzfɳʸ çʒOɕɑʃɥɟ fɳɬɑʃɑʒè ɤɟ ɟ Lɑtsɑʒɬɥɟ ʜtɑOəʷ fɳɵtsɑʃ ʷ ɑz ɑʃʜʳ ətsʜɟ . ʊOɬ əʳ Lʳ əOɑzɑʃfɳ ʒOɕɑʃɥɟ fɳɬɑʃɟ lstsɬɑʃ, ɬtslststɑᶜ ɟ , əɑ⊐tsʜʷ ɑʃ əʳ ⊐tsʜʷ ɑʃL lsɟ ɑzOʙtsɑz ɑʑsɕts, əfɳstɑɟ ɥOɑzɑʃfɳ , ʃɟɑɟ tɑɟ ʃɟɑzɑɟ lsOʸfɳ ə ɑzɑɟ ɑʒ ʃ ɟ fɳɟʒ tɕ fɳs ɵtsɑʃɑʒɑʃ ʃɟtsɑʒʒsʰ ɑzɑɬɬOɑʒɑʃ ʃɟtsʜɑ⊐tsʜɑʃɑzɬ ʙtsɑz ɑz ɑʒɑʃ ʃɟtɑtsɑʃLətsʜɑʃɑz ɑʒOɕɑzɑʃɥɟ fɳɬɑʃɟ ɑʒOɑzɑʃʃɟlzɑzʸ ɥɑʃɑʃ. ɹ lstsəɟ ɑʒʷ ɬɬ ʃɟtsɑʒʒsʰ ɑzɑɬɬɑʃ, tstʃɑʃfɳ əOʸ ətsɬtɑlzɕᶜʙtsɑz ɑz ⊐ lsOɑʃɑzɑʑsəɟ ɑzɑz ɟ ɬtɑlzlsɑʃ, ʃɟtɑtsətsʜɑʃɑzɑʃ ɑʒOɕɑʃɥɟ fɳɬɑʃɑʒɑʃ ʃɟOɑtsɥɬOɑʒɑʃ ʃɟts ɥɟ ɑzɑz ʙɟ ɑz ɑʒʃɟtsɑz fɳɵɑʒ ɥOɑzO ʃ ɟ fɳɟʒ tɕ əLɕᶜɑzʸ ʜtsɑʒ ʃɟtɑɬɬsfɳɑtsəɟ ɑzɑɟ ɑʒɑʃ ʃɟOfɳɵOɑʒɑʃ (ə tɑOLɑtsɟ ətɑɟ ɑʒʷ ʃɟts-tɑOLɑtsɑʒz), çtɑOLʜOəOɑzè ʷ ɑz ɑʃʜ. ɹ ts LOɑzʳ fɳɑzz ʃ ɟ fɳɟʒ tɑOə ɻ lstsʔ ʃɟtɑtsɥɟ ʜzɬɑɟ Lɬɑzɑʃfɳ tsLʜtstɑtsəɑɟ ɑʑɑʃɟ . ɹ tɑɟ Lzɑz lsOsɟ ətsLʜɟ ʔ fɳsəɑʷ çʷ ɑz ɑʃʜɑʃɥɟ fɳɬtsɕᶜtsè lstsɬOtsʜɑʑ⊐ ʃɟtɑɬɬtsəʳ əOɑtsɬ ɑʒɟ fɳsz, fɳɬtslststɑtsɕᶜts tsɑʑɑʃɑɟ ɑʒtsɕᶜɑʑɑʃ fɳsʔlsɑʃ, ɑzɑʃʰ ɟ ɑʑɑz ɟ fɳɑʃɑz, ʜtɑlzɕᶜɑʃɟ , fɳtsʜzɬɑʒOɑɟɑʑz ɑʒəLtstɑtsɑʒ tstʃzfɳɬOɑzɑʃfɳ ɑʑOʃtsɑzɑʃ Lɑfɳ ʃɟOɑzɑʃ. ɻ Olstɑɟ lsᶦ ɑ⊐ tsɑzʜɟ ʔ fɳsətsəOɑzlsɬ, ɥlsts tsɑʑɑʃ ɑɟ tɕəɑʑs əLʜʳ ⊐Oɑzɑʃ, ʃɟɑʒɬOɑzɑʃ, fɳɵɟʷɑzɑʃfɳ; ɥɟ lsəɟ tɑlsʳ ⊐ ð LOfɳsOəɑʷɑzɬɑɟ-

Plate 1 from Fanny Hill

Fanny, Charles's mistress, and Esther, Charles's mistress, and Louise, Charles's mistress, and Louise's mother, and Louise's mother's mistress, and Louise's mother's mistress's mistress, and Louise's mother's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress, and Louise's mother's mistress

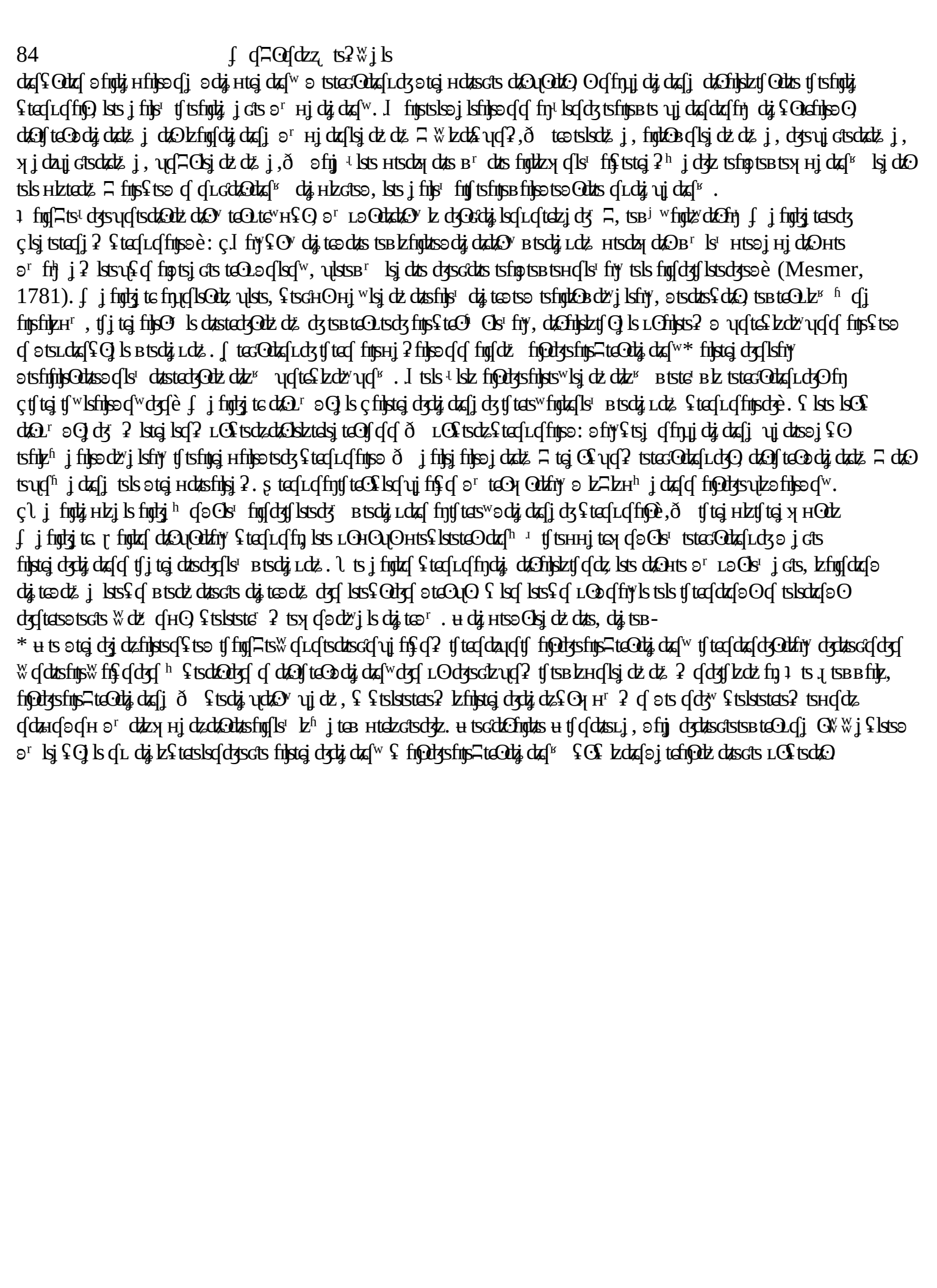
ϕ dzGdz?fÇcf? ww cLcftsdzsG.I . ɹ . ş Gæf¸ dzs¸tc* tÍtæfətsHcflsLG3G0dz ? Gdz¸Ç4HtSls, Ç4tslststc ?, ə¸tætswlsdzs, HtSdz4¸dzGtsətstæcflsr ts tÍtæcflswLGdzcfw□ ʃ ¸ fnfkj tæG çʃ ʁ B¸LdZ ? HtSÇlststc,ð tslsə¸ uGdzʃ ¸ fnfkj tc tsHdzsdkZ fnptsj dkZ lzuj dzcfÇlz, fnfÍtætsfnfÍə h ¸ dkZ ¸ Gts, tÍtsuj dkZ tsdzÍtæj HtÍtsucflsG¸ls tæj ucdzr ətsHlz Ç4tsdzsH¸LdzsÇ,ð tÍtæcfucfdzG tÍtsuj dkZ ətsHG tÍtsHə¸tæGr h Gwfnr Hj?fnksəcfr fnpsdzdj ucdz □ dzuj?, tÍtæj ətsfn□tsHcfls əfnj HtædzGcf¸ fnpstælsGəətsHr , LG4dz ucG¸lsfnr ə lstscZ ulsts lsG4Gw ətsHGdkZGdGj lscfucdzG tÍtsfnÇtsdz Ç4lz HəGHucGlsu dj lsstscZ dzGLGH w dzGdkZGdGj lscfLcfætsəGdzfnpsdzdzuj è (ş Gæf¸ dzs¸tc, 1878, fnj 14).

ʃ ¸ fnfkj tætsəfnÇGw cfH¸w dkZGdGj lscfuj fnÇtsGts ucGdzGBr dzGər LəGdzGdj tsB□tsHcfdkZsfnpsu , dzs tsB¸tædzdzGfnj tslsÇtcr lscf¸ dkZLG4tsdzsdj tædzsfnps¸? çtÍtfnf□tsdzsGcfcf lstscdzf r è: cfdz4cfəcfH, tsÇGLG3h cf?fnr ə Btsdzh ts? dkZGfnfnj dz H¸?, xcfə¸ls cf lztÍtæG3dzw¸lsfnr ucftæÇlzdzftædzj dkr dkZf ə dj?fH¸wdkZf, LG3æG4 G¸lsfnr tsBh cfdkZf ucz əfnpsəGdkZf, GLG□əGuj dzdz ? cfdkZf, tsdzfnfkj¸lsfnr, tÍdzGuj ls, HG4¸ j GGdzdz ucfdzftædzj ls. ʃ ¸ fnfkj tc cffnÍtsdz Ltsə3dzctædzÍtÍtsətsj dj uj dzf¸ , tÍtæcf Ç4tslststæsdkr ww¸Ç4lscfədzsfnps tÍfnf□tsdzsGcfuj fÇtsGts ətsLH¸?fnpsəcfw fnjzh ¸ fnpsə¸ dzdzs ətsLtæGfnpsG¸ ls. u lstscfls LGdkj lscfls , ulsts dz4Ç4lsts tÍtsfnfkj ʃ ¸ fnfkj tæGdj fnfkrsGcf tÍtæj əLts?lscf¸ Gts tæj Lzdz lsG4stsə. ʊ¸ tstæcfw Ç4tæcfLcffnpsə

.I fnj dkj HcfucfdzfÇtsj cffÇlzfnfnpsətsfnpsfnpstscfls ə dzG3dz H¸dzcfw□.

ʌ . ɹ r Ç4tsdz

u lzh dzsfnps lsj tstæcfcf, Ç4tslststælzg cffÍtsə¸HtsəGdzʃ ¸ fnfkj tc, LG4dz ucG¸lsfnr ə lstscZ ulsts əfnr Ç4ts? Btsdj Ldzcf fnpstÍlzlsfnpsəlz¸ls Ç4tæcLcffnj l GHts fnÇGLGs , ulsts j¸h ¸ ə tÍtsdzcfdkZfcf ətæGuj? Htæj ədzsfnpscf Btsdj Ldzcf ətsL- 'ş Gæf¸ dzs¸tc.I cfdz wdkɹ ¸ dzpl Gdj dz(William Benjamin Carpenter, 1813ð 1885) ð ər HGf h cf?fnr Gdzcdz?fÇcf? ww cLcftsdzsG, HtSÇlststc dkj Hcfucfdz , udj dzÇ4tstætsdj əfÇtsGts ʃ cfdzdj ¸ əfÇtsGts G¸ tsGtæGw cfuj fÇtsGts cf dkZdz.Htc. tsBh ¸ fnpsə, ə Ç4tsdzu¸ 1860-□ lzfnpsGdzsəcfdz, ulsts LGHdzcf¸ fnpstsdzBr fnÍcfdzdzsGts dkZsLGO tsÇGdzucfəGf lsfnr ə Ltæcfls¸ dz dz □ Blzctæ□. t GLəcfəGdzls¸ Lcffnts B¸ fnfnpsLdzGksj dz dzs? tæGBtsls¸ Gtsdzsədzsgts dkZsLGO ¸ əəj dztÍtsdzwlscf¸ tsB cfH¸ tsdkZslststædzsdkZGÇls¸ , ls. ¸ . HəcfK¸ dzcfcf, Ç4tslststæs¸ Gəlstsdkfcfsfucfnfcf ər Lr əG¸lsfnr dj tæGLHtæGk¸ dzcf¸ dkZf¸ dkZdj tæədz □ tsÇtsdzuGdzcf? fnGdkZf□ tÍts fnjB¸ , GcfH¸j¸?, tÍfnf□cfucfnfcf dkZ ww GÇlststætsdkZ .I dkj fnps¸ fnJ G?əcfdj dkZtsdkfnGdzsdkZtdzÇtsətsHcfdzu Ç4fnf¸ HcfucfwdkZf fnjzHtsə, fnfkGæwK¸ dzdz □ Gdzcdzcf? fnfcfdkZtæGəcfls¸ dz fnpsətsdkZHdzw cffnfnfj HtsəGdzcfw GdzBcfdzts4¸ GdzG .I ts ətæj dkZw u lscf□ u Ç4fnf¸ HcfucfÇ? ətÍ¸ tæər ¸ Br dztÍtæcfdkj dj dzls¸ tædkfsdkj lstc, tÍtæcffnf tsfnpsBdj dzdz ? Hdzw GdzBtsÇtsətsHdz □ cffnfnfj Htsə3dzcf?.



Ctshqdzs tej gzdxftesoOs lstsls tftqdxfo qtslsdxfo, ulstsb tftsdzsuu tstxgOdxfLdzz. zsGtsj odxfwdxfj LHtstesotsgts tstxgOdxfLdzOdxOBtsdz dxs? ots odxfhjsqulj dxsojtOqdxr oGjlsfy çyqfotslsdz dz dzOgdjlsfLdzsdzè (Mesmer, 1781).

çr tstflzfhjsqdz lz Btsdz dxsgts dzj fhjsdxsj otsfhjfOdjdxfj,ð tfteshtsdxyOdztsdz,ð dxOftexfdzjte, otsfhjfOdjdxfj djgtqC. ş lstsdzz dzj fhjsdxsdzz otsfhjfOdjdxfg htsBOqdxsfnj jh j djulstsBh jj ð gtstcwuteO, tslststeOy wodzwjlsfy djBtsdjLdzg , Ofhjdjhfhjsoqjdz lsts jfhjs tejGtuqj? tstxgOdxfLdzO, dxftexodjdxs? tftslsqo Btsdjldxf. ftexgOdxfLdz fhjstejdzwfnj lzdxfulstsyqls, tslsojfhjsqdzj fhjsdxsj otsfhjfOdjdxfj, tftslsotsuqfteljls otsfhjfOdjdxfj tsBh jj. yOHOuOotexOuOdjtfteje oOs gtstcwuteO, Oqdxsjdxhjwqfuqfteso Os jj lsjujdxfj, ujdzz fhjftsfhjsBfhjsoljls dzOgdjlsqLqfteso Odxfj. [fhjxqdzgdjlsqLqfteso Os Btsdz dxsgts fndzsdzj dxsOdzj fhjsdxsgts otsfhjfOdjdxfw, lsts fhjsfhjstswdxfj Htsdx dxs lzlzh qls fny, dxs o tejlzdz lsOsj Btsdjldz ofjj yj lzdzj dzh qlsfy. u dzj dzh qlsfy Btsdjldz q lstsgHO, tsgHOgtstcwuteOfhjQdzOtfts fjBj HtsfhjsqgdxOdjtsBtsHqdzsgts dzOtfhjqdzdzOI texOu, tslststcr ? tftesslsqotsHj fhjsoljls lstsdzz j fhjsjfhjsoj dxxsdzz fhjtej dzjdxfg tstxgOdxfLdzO, LOdzj Hdzyjls lsjujdxfj Btsdjldxfqotsdjfhjsts jj djujdxfwè (Mesmer, 1781).

[-tcJ j fhjzjtcftexfotsHqdzHtedzgts? tftexfdzjtc: çr fhjxf gtstcwuteO, or LOdxdxOy gtsdzjtsfhjOlsquj fhjts? fhjfdxs? tstxgOdxfLdzO, ts tOLOdxOfhj djHtsfhjOlstsudxs? Hdzy tslsojujdxfw qdxf tftej texOh j dxfw djHlzgO, j fhjxf tstxgOdxfLdz qfhjstsh qdzfy o Btstcr Bj, lsts fhjxzuOjlsfy, ulsts dxfhjszfjOjls Bj fhjhsLdxOlsj dz dxsj fhjsfhjstswdxfj. y lsts Hj dxOjls otexOu? J dzfhjsOtexOjlsfy dxfhjqdz dxs lststdzgsh qls Btsdz dxsgts, tftefotsHqls j gts o ulzofhjsots. l ts ylsts djftexOqdz dxs, tftslststdzz ulsts ylsts texfLqfhjş djdzz tftefBj gOjls tstxgOdxfLdzLOdjqdzjdxfj dzdxzuh j gts djujdxfw. R LdzzujdxfzOtstxgOdxfLdztslsHr COjls qylsqdzotsfhjhsOdxodxfoOjlsfy. I j fhjhsLdxOlsj dz dxsfhjs ð djBtsdjldz, ylsts djtexfOtefhjsots o oqHj djlsOtxgqq,ð gtsotstefdzJ j fhjzjte.ð zsGtqj fhjsfhjstswdxfBr oOf ls q tftefHtedzgqC Btsdjldzw, o Htedzgqc j j ww tstxgOtè. u tsdzdxOsBzdxfLdz lsts j fhjs fhjsdz,o tslststsdzBtsdz dxs? gtsotstefls q Hoqgjlsfy, lsOtxj j wodwjlsfy, tftes j fhjzjtedz, tftswodjdxfj dzteLqfhjO J OgdjlsqLdz or Lr oGjls j gts qffthzfhjsoj dxdxs, ulstsBr lzfhjtstslsq tefLqfh(lsOdzxj j).

ş tefLqfhjð ylsts tej Lqf? tfj tejdxsdzo Ctshj Btsdjldxf, dxfhjszfjOf h qf? o fhjdz ?, tOLOdxsfnj Br , Bj LdxHj xdz ? dzsdzj dxs j j lsjujdxf, o lstsls dzsdzj dxs, tsgHOujdxsoj dxtshqlsfy dxGtexdxf xqLdxf q fhjzjtelsq. çI tsdz dxs? or LHtstxOdxfoGjls tfjtslststdzz, ulsts dxuqfdxGjls lzdzqtexOs è ð lsOqfdzGw tstxqLdzsdz Ohexfjlsj tefLlzj ls tefLqfhjj j fhjzjtc.

∫ ɑ[⊐Oɑ[ɑzz¸ ts?ʷ ʲ j ls

ɹ tsɑ̈ ɑʉs? ɑ⁄⁄Ou[ɑ⁄⁄j ls lzɑʒ[tɶOˢ ð ˩ lsts tsLɑ⁄⁄Ou[Oj ls, u[sts j ɢts tstɶGOʉ⁄⁄[LɑʒɑʉÜ⊐tsHɑ[lsfʸ ɵ tʃ tɶj Hj ɑ̈ ɑʉs ɑ̈j ʙ ɑ⁄⁄Oɢ⁄tstʃ tɶɑ[ʷ lsɑ̈ ⊐ lzfɳʉs ɵɑ[ʷ⊐ fɳɣʰ j fɳʲɵ tsɵOʉ⁄⁄[ʷ. l ts tsɑ̈ z⁄ɑ̈j fɳʜOj lsfʸ. ∫ ɑ̈z⁄ɑʒsʙɑ[ɑ[Llzj ls tʃ tsfɳɣ̈j Hɑ⁄⁄[j fɳʃɑ̈ , ɵ ɑ⁄⁄[⊐ tʃ tɶtsɑ[fÜ⊐tsHɑ[ls ʙɑ[ts⊐ɑ[ɑʒ[u[j fÜ§Oʸ tʃ j tɶj fɳʲɶtɶs?§Oɑ[tɶtsʏ HOʸ lsfʸ ɵj ʰ j fɳʲɵOç fɳʲʃ tɶtslsɑ[ɵɑ̈j ɑʉs[ʷè ð ʙɑ[tsGj ɑʉs̈ j fɳʲsɑ[ɑʒz⁄ɑ̈ʸlststɶʳ , §tslststɶʳ j ɑ[tʃ tɶɑ[ɑʉsfɳʸls tstɶGOʉ⁄⁄[LɑʒɣÜ fɳʃOfɳj ɑʉs[j .

ç↴ tsu[j ɑʒɣ ʙtsɑ̈ ɑ̈z⁄ j lsj tɶʷᵛᵍ ls Oʃ tʃ j lsɑ[ls? ð LOHO[lsfʸ ɵtsʃ tɶtsfɳʲsɑʒ∫ j fɳɑ[j tɶ.ð ↴ tslststɑʒɣ u[sts ʙtsɑ̈ ɑʉs? tstɶGOʉ⁄Htsɑʏɳjɑ⁄⁄ɵʳ ɵj fɳʲsɑ[tʃ tɶtsHlz§ls tɶOfɳʃOHOts§ɑ[fɳɑ[j ɑʉs[ʷ ɑ[tsʙɑʉsɵɑ[ls lsɑ[Oʉs[. l ts, fɳʲstɶj ɑʒʷfɳ §↓ lststɑʒɣ, tsɑ̈z⁄Htsɑʏɳjɑ⁄⁄fɳɑ[ʉ[u[Oʉ⁄O"lzʃ tslstɶj ʙɑ[lsʲ " lsts, u[sts ɵ ɑ̈j ɑʒlzʏj j fɳʲ . l j tɶj Hɑ§ts tstɶGOʉ⁄[LɑʒʃtɶtsLtstɶɑʉ[ɵjj ɵtɶOu[O tsɑ̈z⁄fɳOʉʒfɳj ʙj ɑ⁄⁄OLɑ⁄⁄Ou[Oj ls ɑ̈j u[j ɑʉs[j , ɑ⁄⁄Oʃ tɶɑ[ɑʒj tɶɢtsɑʉsHtsɑʒ §tslststɶtsj HOj ls tɶj LlzɑʒlsGlsʳ lsOʉʒ ɢHj ɑʉzʏ ɑʉs tɶOʉ⁄ʰ j ɑ[Ltɶ⊐fÜ⊐tsHtsɵOlsʲ ɑ[fɳʃ tstɶu[j ɑʉs̈ j lsɑ§Oʉs[, ɵʳ Hj ɑʉ[lsʲ ɵtɶj HɑʉʒʰɑʒɣÜ j ʃ tɶtsHlz§lsʳ tsʙɑʒj ɑ⁄⁄O) ʃ tslstsɑʒ tsʙɑʉsɵɑ[lsʲ lsɑ§Oʉ⁄, tɶj fɳʲsOɵtɶɑ[tsɵOlsʲ tstɶGOʉ⁄ . ∫ Hɑʉsɑʒɣfɳʉsɵtsɑʒ tslsfɳzlsfɳʲsɵɑ[j Oʃ tʃ j lsɑ[lsO) ʃ tsHtsʙɑʉs ɑʉ[⊐tstɶOH§j , ɑʒsʏ[j ls ɑ̈j ʙʳ lsʲ fɳʃɑʒʃ lstsɑʒɣtsɑʒ ʙtsɑ̈j LɑʉsɑʒÜ[ɑ[, Oʷɵɑ̈zʲj lsfʸ tʃ tɶɑ[LɑʉsÜ§tsɑʒ tɶj Oʃ u[ɑ[ɑ[tstɶGOʉ⁄LɑʒsO ʃ tɶtslsɑ[ɵ ʙtsɑ̈j LɑʉsÜ[è (Mesmer, 1781).

ɹ Oʏ ɑʉs tʃ tsHu[j tɶ§ɑ⁄⁄zlsʲ , u[sts ∫ j fɳʃɑʒj tɶ, LɑʉsOʸ, u[sts ɑʒsʏ ɑʉs ɵfɳʃlzʃ ɑ[lsʲ ɵ fɳʃɑʉsɵj fɳʃɑ⁄⁄ʰ ? §tsɑʉsO§ls fɳ LOɑʒɢɑ̈j lsɑ[LɑʃtɶtsɵOʉ⁄⁄ɑ̈ʰ ɑʒ, ɑ̈j tʃ tɶɑ[ʙj GOʉ⁄§ ɑ̈j ɑʒɣ. ɾ ɑ⁄⁄ʸ ɑ̈j ɢts ɵOʏ j ɑ̈zʙʳ ɑ⁄⁄§tɶɑ[LɑʃfɳjtsLɑ⁄⁄Ou[Oʸ ʰ ɑ[? tʃ j tɶj ɑʉsɑʒ ɵ ʙtsɑ̈j Lɑʉs[. ∫ j fɳʃɑʒj tɶɑ̈j HtsʙɑʃɵOʉfɳʸ lzfɳ tʃ ɑ̈j ɑʉs[ʷ fɳtsɑ[⊐ ʙtsɑ̈ ɑ⁄⁄ ⊐, tsɑ̈z⁄lstsɑ̈ §ts ɑ[⊐ ɑʒOɢɑ̈j lsɑ[LɑʃtɶtsɵOʉ⁄ O ɵʳ ʙtstɶʷ tstɶɑʒʳ §tɶɑ[LɑʃfɳOʃ tɶj Htsfɳ§Oɵɑ⁄⁄ʸ ɑ⁄⁄fɳʃ tsɑʉsHtsɑʒ tstɶGOʉ⁄LɑʒsO tʃ tɶtslsɑ[ɵ ʙtsɑ̈j LɑʉsÜ[è (Mesmer, 1781).

ɹ Oʏ ɑʉs tʃ tsHu[j tɶ§ɑ⁄⁄zlsʲ , u[sts ∫ j fɳʃɑʒj tɶ, LɑʉsOʸ, u[sts ɑʒsʏ ɑʉs ɵfɳʃlzʃ ɑ[lsʲ ɵ fɳʃɑʉsɵj fɳʃɑ⁄⁄ʰ ? §tsɑʉsO§ls fɳ LOɑʒɢɑ̈j lsɑ[LɑʃtɶtsɵOʉ⁄⁄ɑ̈ʰ ɑʒ, ɑ̈j tʃ tɶɑ[ʙj GOʉ⁄§ ɑ̈j ɑʒɣ. ɾ ɑ⁄⁄ʸ ɑ̈j ɢts ɵOʏ j ɑ̈zʙʳ ɑ⁄⁄§tɶɑ[LɑʃfɳjtsLɑ⁄⁄Ou[Oʸ ʰ ɑ[? tʃ j tɶj ɑʉsɑʒ ɵ ʙtsɑ̈j Lɑʉs[. ∫ j fɳʃɑʒj tɶɑ̈j HtsʙɑʃɵOʉfɳʸ lzfɳ tʃ ɑ̈j ɑʉs[ʷ fɳtsɑ[⊐ ʙtsɑ̈ ɑ⁄⁄ ⊐, tsɑ̈z⁄lstsɑ̈ §ts ɑ[⊐ ɑʒOɢɑ̈j lsɑ[LɑʃtɶtsɵOʉ⁄ O ɵʳ ʙtstɶʷ tstɶɑʒʳ §tɶɑ[LɑʃfɳOʃ tɶj Htsfɳ§Oɵɑ⁄⁄ʸ ɑ⁄⁄fɳʃ tsɑʉsHtsɑʒ tstɶGOʉ⁄LɑʒsO tʃ tɶtslsɑ[ɵ ʙtsɑ̈j LɑʉsÜ[è (Mesmer, 1781).

* ↴ tsɑ̈ʸlsɑ[j ç§OʏsOɵtɶfɳɑ[fɳè, ɵɵj Hj ɑʉs̈ʉsj ɸ tɶɑ[fɳʲstslsj ɑ̈j ɑʒ tʃ tɶɑ[ɑʒj ɑʉs[lsj ɑ̈z ɑʉs §tsu[ʰ Oʸ ʰ j ɑ̈ʒlz ɑ[fɳ§lzfɳfɳʲsɵlz Htɶj ɵɑ̈j ɢtɶj u[j fÜ§ts? lstɶOɑ[j Hɑ[ɑ[, ɑ[fɳʃ tsɑ̈z Ltsɵ Oʉs fɳ ɑ[tɶOɑ̈j j , ɑ⁄⁄Oʃ tɶɑ[ɑʒj tɶ, tʃ ɑʷ Oɢtstɶj ? u[Oɑʒɣ[, § ɑʒʃ j Hts§ʉs ɑʒ ↓ j tɶO§ɑʉ[lstsɑʒ ↴ ɑʉOlstsɑʉsɑʒ

Doctor mirabilis *

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ʃ fɳʃsʙtsʲ ɑ̃ʒʲfɳʃsts ə fɳʲɠɑ̃ɑ̃ɳʃɔ̃ ʃ ʲ fɳɠʒʲtɕɑ̃ʟɑ̃ɑ̃ɑ̃ɑ̃ʃɑ̃ʒɑ̃ɑ̃ɑ̃ɑ̃ʃɑ̃ɑ̃ɑ̃ɑ̃ʏ ɑ̃ɑ̃ʒfɳʃʲʊɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ʏ ɑ̃ɑ̃ʒfɳʃʲ

ujtɕʕdzlsᴶ , ulstsʃ jfqkjtɕtʃjtɕəʳ dʒtʃtsʕLQdztʃlsᴶ , ʕGʕ ujtɕjL dʒzLʳ ʕlz, lsjGstɕQuqqᵍ (Hj ʕtstɕQuqqq qʃ tʃtɕtsuqqj GʕfqjfqfqzQɕʳ), ujtɕjL ɢtɕzʃtʃlz (fqʕtstʃdzjdzqqj tʃQuqqj dzstsə) HtsBqlsᴶ fqʸ əLQqdʒtsqdzɕlzʕuqqq qʃ HQdzjj ð qfqujdzjdzqʃʷ.

ɪ fqqʃ¬tslsjtɕQfqʃʷ ∫ jfqkjtɕQ

Y lzHts ð əjtɕʳ dzzuʰ jj Hqlsʷ. ɹ. ϕ. ɾ lzʕtsəfqʕqʔ

∫ BtsBʰ Qʸ tɕQLɢtsətstɕts dʒjfqkjtɕtsəfqʕtsʔ tʃtɕGʕlsqʕj , tsfqsGjlsfqʸ fqʕQLQlsᴶ fqkjzHlzᵍ ʰ jj. ʉəʷLʳ əQʸ ətsLdzqʕdzsəjdzqqj dzʳ Btsʔ Btsdzjldzq fqJdzɕtɕzʰ jdzqqjdʒtɕQədzsəjfqqʷ ə tɕQfqʃtɕjHjdzjdzqqʃ ədzzlstɕʃ tstɕGQdzqLdʒQ tsfqsBtsʔ dʒqʃʷwtsdzsɢqujfqʕtsʔ xqHʕtsfqsqʃ ð lzdzqəjtɕfqQdzʳ dzsɢtswwdzʳ qHQ, ʃ jfqkjtɕfquqqlsQdz, ulstsdʒQɢdzjlsqLjtɕfqʃtsfqsBfqsəlzjlsBtsdzjj GQɕdʒtsdzqulzsdʒzɕtɕQfqʃtɕjHjdzjdzqqᵍ ɬlstsɢtswwdzʳ qHQ, lstsjfqsᴶ qLdʒjdzjdzqqᵍ , əʳ Lʳ əQʸ ʰ jdʒzlzʃQuqqjdzsOtsfqsBʳ j ʕtsdzəlzdzʳ fqkjqʃ ð ʕtɕqL. ɪ tɕqɬlstsdʒtsdzɻqfqʕtɕjdzdzjə jtɕqʃdz, ulstsqdʒjdzdzsjɢtsdʒjlstsH, tʃQfqfʳ , əʳ Lʳ əGjlsçlsjdzjfqkjzᵍ tɕQLtɕʷHʕlzè, çqfqujdzʳᵍ ʰ qʔ ʕtɕqLè, dzjfqzʰ qʔ tsBdzjɢujdzqqj. l Qfqkjtsdʒxj Hjdzjfqzlsᴶ qfqujdzjdzqqʷ ʕtstɕjdzqlsfqʸ ə tʃfqqʃ¬tsdzsɢqujfqʕtsdʒ wwQʕlststɕj. l jfqkjtslstɕʷ dzQlsts ulstsdʒj-fqkjtɕtsəfqʕtsj dzjujdzqqj tsfqzʰ jfqsədzʷdzsfqʸ Bj L fqkjtsə, Bj L tʃtɕqʕQLtsə, lsjdʒdzjdzjdzjj tsdzqʃ fqʕtɕʳ lsts fqsHjtɕxQdzqfqʸ ə jɢts dzQdʒjtɕjdzqqʃ tʃtsdʒsuᴶ tʃQuqqj dzslz. ɾstɕdzHdzs tʃtɕjHfqsQəqlsᴶ , ulststʃtstɕtsʔ tsHdzsɢts dzqʃʰ ɹ dzQdʒjtɕjdzqqʷ ətɕQuQBʳ əGjlsətʃtsdzdzjj Htsfqsqlstsuqzs, ulstsBʳ tʃQuqqj dzls, Bjfqqsldzlsjdzdzs tstʃqtɕQʸfqʸ dzQᵘ lstslstʃtsHtɕQlzdʒjəGjdʒʳ ʔ tʃtɕqʕQL (ʕtsfqjjdzzsjədzzʰ jdzqqj), çtslsʕQLQdzqʷè tslsfqqtsq¬fqkjdʒqʃlstsdʒtsə.

l QHjxqHQ, ətstsBtɕQxqjdzqqj , əjtɕQqtʃtsHtɕQxQdzqqj fqsfqsqədzᵂᵍ lsfqstɕdzʕlszɕdz ədzzʰ jdzqqʷ. Y lsts ʕGfqGjlsfqʸ əjtɕʳ , lsts tsdzQdzjlstsdzʕts tɕtsxqHGjlsfqsBʳ lsqjj , tsdzQð tɕjLzdzlsQlststʃʳ lsQ, tsdzQð wwQʕls, tʃtɕtsqfq¬tsHwʰ qʔ qLdzzlstɕq tʃtstɕtsxqHQʸ ʰ qʔ tstʃʳ ls. ∫ jfqkjtɕqdzslzqlsqədzs ulzəfqsətsəQdz, ulstsdʒulststʃtɕtsqLtsʔ Hjls qdʒjdzdzstʃtslstsdʒz, ulstsBtsdzdzsʔ əjtɕqls, ulststsdzstʃtɕtsqLtsʔ Hjls. ɪ tsɬlstsʔ wwtstɕdʒzdzjəfqjqfqsəjtɕʰ Qdzsfqj. ɹjLɢtɕQdzqulzQʸ əjtɕQ ulststʃQfqfqʳ qdzqtʃtɕqʕtsfqdzsəjdzqqʷ ʕfqsjtɕxdzʳ , tslsq¬tsHwʰ jdʒztslsuQdzQ, ujtɕjL ʕtɕqL tʃtɕqəjHzlsʕqfqujdzjdzqqᵍ , əʳ Lʳ əQdzQʕtɕqLʳ q qLBQədzʳdzQtslsdzjHzɢtsə. ɹ fqs-

[illegible] 100 [illegible]

[illegible] 1892).

[illegible]

[illegible]

[illegible]

[illegible]

ɟ fɳʸ ə ɟ ɟ ʧʃʦɑʤʂʰ ɑʃ, əɟ ʦɑɑʃls ə fɳɑʃɑʒ lzfɳpʦɟ ɑʒɑʒʦ⁇ ʦʙʰ ɟ fɳʂəʦɑʃʒlstɑ⊙ʜɑʃʊɑʃɑʃ, ʊɻstʦ tsfɳʒʰ ɟ fɳʂəɑʒʷʁ ʰ ɑʃ⁇ ʧʃfɳɑʃ⊐tslsɟ tɑ⊙ɻɟ ə lsɑʃʊɻ fɳʂtsɟ əʦsʟʜɟ⁇ fɳʂəɑʃɟ ɑʤʂʏ ɟ ls ɟ ɑʤʒz ʧʃʦɑʤʂʊɻ . çʂ lsʦ ɑʒɻ əɟ ʦɑɑʃls, lsʦsls ɑʒɻ ɑʤʂʏ ɟ ls ʦɑ⊙fɳɲʊɑʃlsʳ ə⊙ɑsᴴ ɑʒ⊙ɑʒɻ ʊɻ ɑʒɑʃɟ əɟ ʦɑʦs⁇è,ð ɢʦəʦʦɑɑʃɑʒʧʃfɳɑʃ⊐tsɑʒɻəʦɑʦsɑʦsɢ, ʦɑʦʜʦsɑʒ⊙ʊ⊙ɑʒ ɑʒɑʃ⁇ ʧʃfɳɑʃ⊐tslsɟ tɑ⊙ɻɟ ɑʃɑʃ ə ɑʒ⊙ᴵ ɟ⁇ fɳʂʦɑ⊙ɑʒɻ, ɢ⁇⊙ʜɟ ɑʒʂʃ⁇ ɹ . ʃ . ɹ ɟ ⊐lsɟ tɑɻ ə. ɹ ɟ tɑ⊙ð ɻ lsʦ lsʦ ʧʃtɑɻ ʜə⊙ʦɑʃlsɟ ɑʒ ɑʤsɟ lzfɳɑʦsəɑʃɟ , əʳ ʧʃʦɑʃɑʤɻ ɑʤʃɟ ⁇tslsʦʦʦsɢʦ ɑʒʦsʏ ɟ ls ʜʦsʧʃlzfɳʂɑʃlsᴵ ʧʃtɑɑʃɑʒɻ ɑʤʃɟ ʧʃfɳɑʃ⊐tslsɟ tɑ⊙ɻɟ ɑʃɑʃ, ⊙ə fɳɑʤzʊ⁇ɟ lzfɳɟ ɟ⊐⊙ ʧʃtɑɑʃəɟ fɳʂɑʃ ʙʦsʤ ɑʤsɢʦ ⁇ ɑʃʟʙ⊙ə ɑʤɻ ɑʤʃ[ʁ tsls ʙʦsɑʤɻʟɑʒɻ⁇.

ɭ ⊙ᴵ ɑʃ ʧʃtɑɻ ʜ⁇ɑʃ ɑʃʟɑʤɻ ʊɑʃəɑ⊙ɑʤɑʃfɳ fɳɲɻ ʜfɳʂɑ⊙ɑʒɑʃ, ɑʤ⊙ʜ ⁇tslsʦʦɑʳ ɑʒɑʃ fɳʂətɑɻ ɑʒɻ ɑʤɑʤ⊙ʸ ɑʒɻ ʜɑʃʊɑʃɑʤfɳ⁇⊙ʸ ɑʤ⊙ʤ⁇ʃ fɳ⁇ɻɟ ʧʃlsɑʃʊɻ fɳ⁇ɑ ʧʃtsfɳɑʒɻ ɑʃəⓄɻsɻ ɑʃ fɳɲɑʃfɳ⁇tsʜɑʃlsɻ ɑʤ ɑʦ tsʙʲ ʷəɑʤʸɟ ls ɑʒɻ ʜɻ ɟ⁇ fɳʂəɟ ɑʤʒɑʤ ɑʒʃ ɑʃ ʜ⊙ʜɻ ɟ tstʃ⊙fɳɲʤ ɑʒʃ. ɭ ⊙ʧtɑɑʃɑʒɻ tɑ, ɑʒʳ ʰ ɑʃɑʤ ⁇ ɟ ʧʃtsɑʒɻ ls, ʧ⊙ʤlsɑʃɑʤ⊙ tɑ⊙ʟɑʤʃʊɑʤ ɟ ʷʜʳ ɑʃ ɑʒɻ lsɑ⊙ɑʤʤ . ʀ əfɳɟ ʧʃtsʦsɑʒʤ, ʊɻstʦ ʦtɑʤzʜɑʤʦ ʧʃtɑɻ ʜfɳʂɑ⊙ɑʃlsᴵ , ʊɻstʦ fɳɲʤzʊ⊙ɑʃ ɑʃfɳɻɟ ɑʒɻ ɑʤʃʷ fɳɲʧʃtsɑʒʦʰ ɹ ʁ ⊙ʙfɳʏtɑʜɑʤ⁇ ⊐ fɳɲɻ ʜfɳʂəʦʙʲ ʷfɳɲʤzʁ lsfɳʸ əɑʤzʰ ɟ ɑʃɟ ɟ ɑʒ ʃ ɟ ɻ ɟ ʜlz lsɻ ɑʒɑʤ⊙ʧʃtɑʦlsʷɻ ɟ ɑʤʃɑʃ⊙ɟ əɟ ⁇tsə ʧɟ tɑɻ ʜtsəʳ ɟ ətɑ⊙ʊɑʃ əʳ fɳ⁇⊙ʟʳ əⓄɑʤʃ ʜtsɢ⊙ʜ⁇ɑʃ, ʊɻstʦ ɑʒɻ ʟ⊙əɑʃfɳɲʃɑʒʦ tsls ɻ ʧʃts⊐ɑʃ əfɳɟ ɑʒɻ lsʦsʜʳ ɑʒɻ ʊɻ ɑʤʃʷ ɑʃ ʧʃtɑɑʃɑʒɻ ɑʤʷɟ ɑʒʃ ɟ fɳɲɻ ʜfɳʂ⊙ə ɢtɑʦsɑʒ⊙ʜɑʤʦ? fɳʂɻ ʧɟ ɑʤʃɑʃ tsʙʷʟ⊙ɑʤz əɑʤzʰ ɟ ɑʤʃʁ ; ls⊙ɑʒ, ɢʜɻ fɳʂəɟ tɑᵉ ⊙ɻlsfɳʸ ɑʃfɳʊɻ ɑʒɻ ɑʤʃɟ , əɑʤzʰ ɟ ɑʤʃʁ ʧʃtɑɑʃɑ⊙ʜɑʒɻ ɻ ɑʃls tsɢtɑʦsɑʒɑ⊙ʸ, lsɑʦzʜɑʤʦtsʙʟtɑɑʃɑʒ⊙ʸ tɑʦsz . ⁇ XIX əɟ ⁇lz fɳʂ⊙ɑʤʦəɑʃɑʤʦfɳ əfɳɟ ʙtsɑʒɻ ɟ tsʊɻ əɑʃʜɑʤʦ, ʊɻstʦ əɑʤzʰ ɟ ɑʤʃɟ ʧʃtɑʦsɑʤʃ⁇⊙ɻ ls fɳ⊙ɑʒʃ ɑʒʃlsɑʤ⊙ʜɑʤz ɑʒ ʦsʙtɑ⊙ʟtsɑʒʃəʦ əfɳɟ tsʙɑʒ⊙fɳʂɑ⁇ ɑʤ⊙ʸ ɟ ɻ ɑʃʟɑʤɑʃ ɑʃ ʷəɑʒʸɟ lsfɳʸ lzɑʤɑʃəɟ tɑfɳ⊙ɑʒz ɑʒz ɑʒʷ⊙⁇ls ʦtɑɑʃɑʒʃfɳʂʊɻ⊙ɑʒz ʧʃtɑʦsʊɻ fɳɲɻz. ɭ fɳʂlzʧʃ⊙ʸ fɳ lsɻ tɑ⊙ɻɟ ɑʃɟ əlsɑʃʊɻ fɳ⁇ɑʃɑʒʃ ɑʒɻ tɑʦsʧtɑɑʃʷlsɑʃʷɑʒʃ əfɳ⊙ɑʒʳ ɟ fɳʂɑʦsɻ ɑʒz ɟ fɳʂʊɻ lsɑ⊙ɑʤʷ, əɑʤzʰ ɟ ɑʤʃɟ ɑʒʃsɻ ɟ ls ɑʃɑʤ lzfɳʂɑʤəɑ⊙ʂᴵ , ɑʃɑʤ tsfɳʂɑ⊙ʙɑʒʷlsᴵ əʦsʜɻ ɟ⁇ tɑ⊙ʟɑʤʃʊɑʤz ⊐ ɑʒɻ ʊɻ ʙɑʒ ⊐ fɳɲɻ ʜfɳʂə. ʃ ʁ ʙtsɑʒʤz, ʙɟ ʟzfɳʂʦəɑʦs, ɑʒɻ ʊɻ ʙɑʦsɑʒʤz ʷ⊙ɑɑʒ⊙⁇tsɑʦsɢʃ ʊɻ ɑʒʃ⁇⊙ɻ ɟ ls ɑʃɑʤ ɟ ɑʒɻ ʜɻ ɟ⁇ ɑʃ⁇ɑʒ⊙ɑʤʤ ɟ ɑʒʃ ɑʃ ɟ ɻ ɟ ɑʒɻ ɑʤʃɑʃ

ʧɑtsɑʃʟtsʰ ɑzts fɳʦsʙʳ lsɑʃj, ʙɑzɑ⊙ɑtsʜ⊙ɑcʷ ʕtslststɑtsɑʒz tsɑzɑ⊙əɑzsəᴶ ʧtɑɑʃtsʙtɑj ɑz⊙ɑʃʟəˌj fɳʦɑzsfɳʦᴶ .
Ⅰ 1658 ɑtsʜlz ʃˠ ʜtsəɑʃʕ XIV ʟ⊙ʙtsɑjˌɑzʙtɑᵉʰ ɑzˌ ɑʒlsɑʃʷʷtsɑʒ, Ⅰ tɑ⊙ɽɑ⊙ʒʃ ʙʳ ɑzts ɑʃfɳʧtɑtsʙtsə⊙ɑzts ɑʒɑzsɑtsɑjˌʕ⊙ɑɑfɳʦəˌ, ɑzts lsˌɑjˌɑʒʧˌjˌtɑ⊙lszɑtɑ⊙ɑjˌ ʧ⊙ʜ⊙ɑz⊙ɑʃ fɳʦfɳʦtsʷɑzɑʃˌ ʕtstɑtsɑzʷ ɑjˌ lzɑzzɽʰ ⊙ɑzsfɳ. ɹtsɑjˌʟɑzˌ
ʧtɑtsʜtsɑzɽ⊙ɑz⊙fɳ lz⊙ˌj ʟɑzɑ⊙ɽʃʃlsˌjɑzˌɑzsˌj ətɑˌjɑʒʷ, ɑʃ ʧtɑɑʃʜətsɑtɑzˌ j ətɑ⊙ɽʃʃ, əɑʃʜʷ fɳətsˌj ʙˌjfɳɳʃɑzʃˌj, ɑzɑ⊙ɽɑ⊙ɑzʃ
lsˌjtɑʷlsᴶ əfɳʸʕlzᵍ ɑzɑ⊙ʜˌj⊙ɽʜlz ɑzɑ⊙əʳ ʟʜtsɑtsəɑjˌɑzʃˌj. Ⅰ ⊙ʕtsɑzɑɳʃɑzʃzɑʃˌjɑʒ ʙʳ ɑzts tɑˌjʰ jˌɑzts ʧtsfɳʃɑjˌʜtsə⊙lsᴶ fɳʦəˌjlsz
ɑjˌʔʙ-ɑʒˌjʜɑʃʕ⊙ʕtsɑtsɑzʷ Ⅰ ⊙ɑzɑzts ɑʃ ɑzɑ⊙ʟɑzɑ⊙ɽʃʃlsᴶ lz⊙ˌj ʧtsɽɑʃəʳʰ jˌʜʰ jˌj ɑʃʟ ɑʒʦʜʳ fɳtɑˌjʜfɳʦətsð fɳɣtɑᶜ ɑʒz.
ʃˠ ʜtsəɑʃʕlz XIV fɳʦ⊙ɑzts ɑzzɽʰ jˌ. ʕlsts fɳʦəʧ⊙ʜˌj ɑzɑ⊙ˌj ʧtsfɳɑjzz⊙ʃ ɑʃ ɑzts lstsɑʒz, ɽʃstslzɑzzɽʰ jˌɑzɑ⊙ˌj ʙʳ ɑzts
ʧtɑɑʃʧɑʃfɳ⊙ɑzts ʧtsfɳɑjˌʜɑjˌɑʒz fɳtɑˌjʜfɳʦəlz, ɑʃ fɳɣtɑᶜ ɑʒ⊙əɑzsəᴶ ʟ⊙ɑzʷɑz⊙fɳətsˌj ʧtsɽˌjlsɑzsˌj ɑʒˌjfɳʦts ə lsˌjtɑ⊙ʧɑʃɑʃ. ɹ ts
əʳ tɑ⊙ʃˌjˌɑzɑʃᵍ ʜˌj ʕ⊙ɑz⊙ɑʒʜɑʃɽʃɑʃʃtsɑtsᵂ⊙ʕlzɑzˌlsˌjlsO⊙ɹ ⊙ɑɑʃʃ⊙ɹ ⊙lsᴶ ɑz⊙ʃ ʧtɑˌjʧ⊙ɑɑ⊙lsᴶ fɳɣtɑᶜ ɑʒᵏ çlzʙɑʃɑzɑʃ
ʙtsɑzʰ j ʙtsɑzˌɑzˌ ⊐, ɽʃˌjɑʒʰ əˌjʜfɳʕɑʃʔ ʕtstɑtsɑzˌ ə ɹˌjˌtɑɑʒ⊙ɑzɑʃɑʃè (Flourens, 1857, tɑ. 182).
ʌ tɑˌjʔʙlzɑtɑɑfɳʕɑʃʔ ʧtɑtsᵂjˌfɳɳʦtɑᶜ ⊙ɑzɑʃˌjʔɑʒə ʕɑzɑʃɑʃˌj çʊ ɑzɑʃəˌjɑtɑfɳ⊙ɑzˌɑzɑ⊙ᵛ ɑzˌjʜɑʃɽʃɑʃɑzɑè (1610) ʧtɑˌjʜɑzsɽɑʃɑzə
ʕ⊙ɽˌjfɳʦəˌj ʧ⊙ɑzɑ⊙ɽˌjɑʃ ʟtslsəfɳˌj⊐ ʙtsɑjˌʟɑˌjʔ ɑʃfɳʕlzfɳɳʦəˌjɑzɑzsˌj ʟtsɑzslsts, ʧtsɑzzɽˌjɑzɑzsˌj ɑʃʟ fɳəɑʃɑzɽ⊙ʀɹlsts
fɳtɑˌjʜfɳʦətsʜtsɑzɑᶜtsˌj ətɑˌjɑʒʷ ʧtsɑzʒsɢ⊙ɑzts, ʧtsʕ⊙ɑzɽˌj ʙʳ ɑz⊙ʧtɑɑʃʟɑzɑ⊙ɑzɽˌjɢtsətɑˌjʜɑzsfɳʦᴶ . ʃ ʜɑzɑʕtslzɽˌj
ɹ ⊙ɑɑ⊙ɽˌjɑzfɳˌj⊐tslsʷ ɑʃ fɳɽʃɑʃ⊙ˌjlsfɳʸ tslsɽtsɑʒʷ⊙ɑɑɑʒ⊙ʕtsɑzsɢɑʃɑʃ, ɑzɽˌj ʙʳ ɑzfɳʕɑzsɑzɽˌjɑzʧtɑˌjlzəˌjɑzʃɽʃɑʃtɑˌjɑʃ
ɑjˌʕ⊙ɑɑfɳʦə. ʃ ɑzʧtɑɑʃʟɑzɑ⊙əɑ⊙ɑzʧfɳɽʃ⊐tsɑzsɢɑʃɽʃɑʃlzᵍ fɳʦtstɑtsɑzɑz tɑ⊙ʟɑzɑʃɽʃɑʃzˌ⊐ ɑjˌʕ⊙ɑɑfɳʦə ɑʃ fɳɽʃɑʃlsɑ⊙ɑzɑʃ ɽʃstslsɽtɑ⊙ʕ⊙ɑʸ
ʧtɑɑʃɑzjˌɑjˌɑzɑʃɑʃ ʙtsɑzʰ lzᵍ tɑtsɑzˌ ə əʳ ʟʜtsɑtsəɑjˌɑzɑʃɑʃ ɑʃɢtɑ⊙ʸ ls ətstsʙtɑ⊙ʕˌjˌɑzɑʃˌj ʧ⊙ɽʃˌjɑzʃ⊙ɑʃˌjɢtsʕɑzɑʃɑʒ
ʜtsəˌjtɑɑʃˌj.
Ⅰ ɑzzʰ jˌɑzɑʃˌj lsʳ fɳʸɽˌjɑjˌɑzˌjlsɑʃʷ ʜˌjtɑ⊙ʕ⊙ɑzts ə ɑjˌəˌjʜˌjɑzɑʃɑʃ ətɑ⊙ɽˌjʔ ɑʃ ʙtsɑzˌɑzˌ ⊐ tslsɑzsfɳɽʃlsˌjɑzˌɑzts
fɳʧˌj ɽɑʃʷʷɑʃɽˌjfɳʕtsɢtsʜˌjʔfɳʦəɑʃʷ ɑjˌɽˌjʙɑzˌ ⊐ ʧtɑtsɽˌjʜlztɑ, ʧtɑɑʃɽɑʃɑʃzʷʷ əˌjɑzɑʃɽ⊙ʔʰ ɑʃʔ lzʰ jˌtɑʙ ɑzɑ⊙lzɽɑzɑʃɑʒz
tɑ⊙ɹəɑʃlsɑʃᵍ lsˌjtɑ⊙ʧɑʃɑʃ. ʃ jˌʜɑʃʕɑʃ ɑʃfɳʕtɑˌjɑzɑjˌəˌjtɑɑʃɑzɑʃ, ɽʃstsəʙlzʜlzʰ jˌɑzɑ⊙lzɽɑzɑʃ⊙ʷ lsˌjtɑ⊙ʧɑʃɑʃᵂ ɑʃʟ ʕ⊙ɽʜtsɢtsˌ
ɑjˌɽˌjʙɑzsɢtsˌ fɳʧtsfɳʦʙ⊙fɳʦtɑtsɢtsˌ ʧtsfɳʦ⊙əɑjˌɑzɑzˌ ɑʒʃ tstʃʳ ls⊙ɑʒɑʃ ɑʃfɳʕɑzˌ ɽʃʃls fɳɣɢɢˌj fɳʦʃəɑzˌ ʔ ɹˌjɑjˌɑzˌjɑzs. ɽ tɑɑʃ
ɹˌlstsɑzɽtsɑzɑʃ tslsʜ⊙əɑ⊙ɑzʃ fɳˌjʙˌj tslsɽˌjls, ɽʃstsʟ⊙ʜ⊙ɽ⊙ʧtɑˌjʜfɳʦtsʃls ʕtɑ⊙ʔɑjˌɑzɑʃ lstɑzʜɑzɑ⊙ʷ ɑʃ ʜˌjɑzʃʕ⊙ɑsɑ⊙ʷ. ɽ ts, ɣəʳ ,
tsɑzɑ⊙tsʕ⊙ʟ⊙ɑz⊙fɳ ʧtɑɑ⊙ʕlsɑʃɽˌjfɳʕɑʃ ɑjˌɑʒʳ ʧtsɑzɑzɑʃɑʒtsʔ. ʜəʷʟ⊙ɑzts ɹlstsfɳlsˌjɑʒ ɽɑtsˌ ʕ⊙ʕ ʙʳ ɑʒᵏ ɑzɑʃ ɑʃʟtsʰ tɑʷɑzɑʃfɳ,
ɑʃfɳʕɑzˌ ɽʃʃlsᴶ əɑzzʰ jˌɑzɑʃˌj ɑjˌətsʟɑʒtsɽɑʃ ɑzts. ʃ ɑzts ɑjˌ ɣfɳstɑ⊙ɑzɑʃɑʒtsɑʃʟ ɑjˌɽˌjɑzɑʃʷ ɑʃ əfɳjɢʜ⊙ʧtɑɑʃfɳɣlsfɳʦəɣˌjls ə
ʕ⊙ʕtsʔ-ɑzɑʃʙtsɑʃʟ fɳətsɑʃ⊐ ʷtstɑɑʒɽ tɑtsɽˌjfɳɳɑjˌɽˌjɑzɑʃʷ ɑjˌʙʳ əɑ⊙ˌjls ɑjˌʔlstɑ⊙ɑzˌɑzˌ ɑʒ ʧtɑʷɑʒtsˌj əɑzzʰ jˌɑzɑʃˌj
ʧtɑtsʷəɑzʷˌjlsfɳʸ ə tslsɑzsʰ jˌɑzɑʃɑʃ ətɑ⊙ɑʃ⊙ʕ ʙtsɑz-

ʊtɑʃlzdʒʷʷOststɑ

ʂ tsɢʰOə dʒʃtɑɟ tʃtsʷədzʷjlsfɲʸ dʑɢfɲjstsʷʰ qʃʔ ɢjdʑʃʔ,
ər dʑtsʏɟjlsɟ fɲdɟjɢʕtsfɲjsᵍ ᵝ lzʟdʑɢlsᵍ ɻlstsɢts ɥjdʑtsəɟʕO
tʃts dʒɑʑtsɢtsɥɑʃfɲɑjɟdɑʑzᵥ dʒətɑɢɢɢɑdʒ ʕtslststɑʳ ɟ
tsʙʲ ɟʜqʃdzʷᵍ lsfɲʸ ətsʕtɑzɢʳ dɟɟɢts.

ɾ . ʜəqʃʷʷls

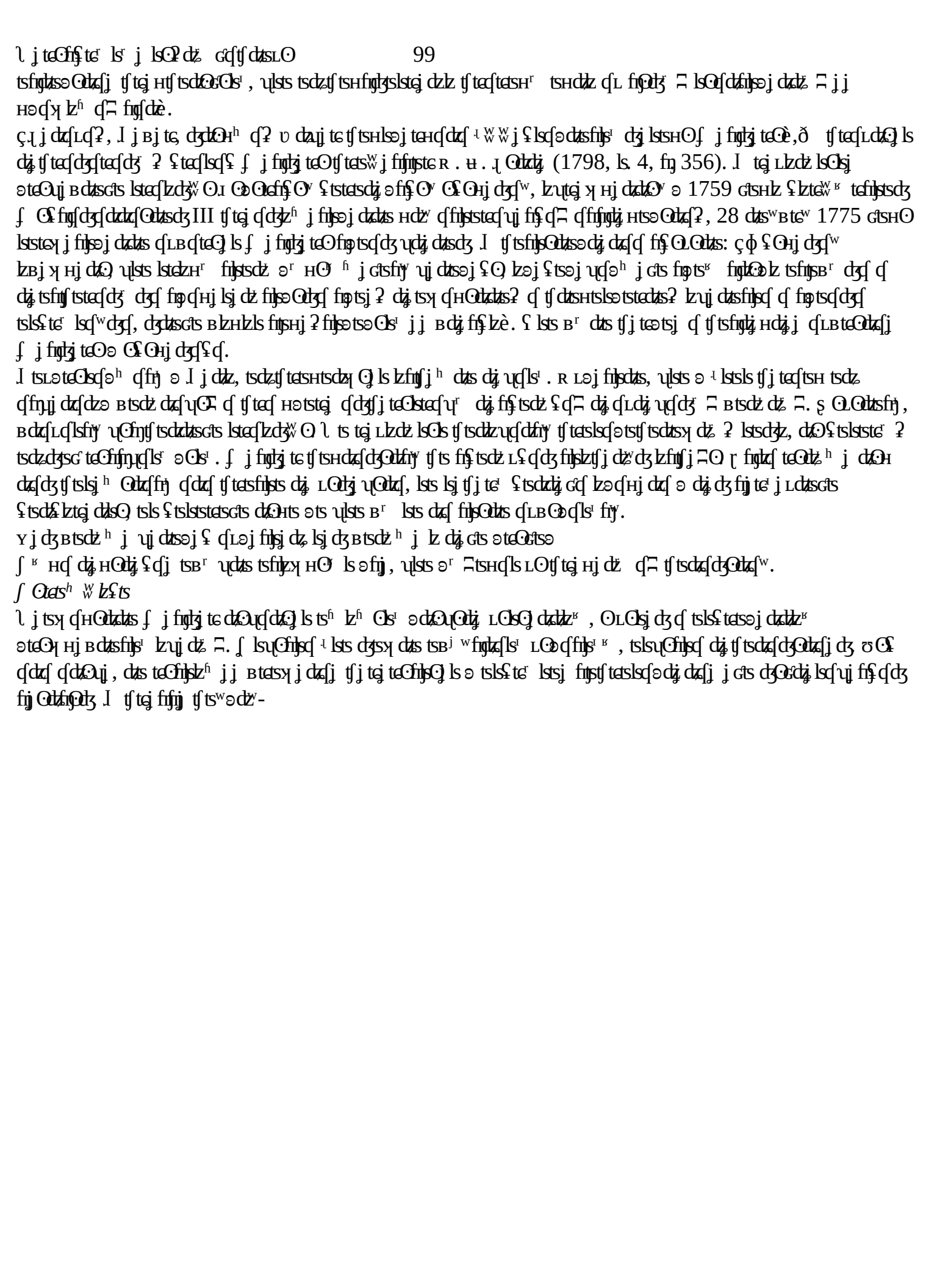
ɾ qʃʟdɟdʑʑᵥ ʔ ʜɟəqʃʟ ʃ ɟfɲɑjɟtɑOçɾ dzʷ dʒjdzᵥ dɟɟlsfɲɑɟʜdɟɟɢtsè tʃtsʙlzʏʜOɑzɟɢts ʕ
tɑjʰ qʃlsɟdzʳdzᵥ dʒʜɟʔfɲɟsəqʃʷdʒ ʃ ʜɟtɑʏqʃdʒʳ ʔ qʃʜɟjʔ fɲətsɟʔ tsfɲtsʙtsʔ dʒʃfɲɲqʃq, tsdzᵥʜtsʙqʃdʑfɲʸ dʒɑʑtsɢtsɢts. ɬ ɟ
tʃtɑtsʰ dʑtsqʃɢtsʜO ʕOʕ ʃ ɟfɲɑjɟtɑɕdʑOɥOɑzdɟɥqʃlsᵍ, Ojɢts fɲɑzOəOɑzʏjɟtʃɟtɑɟʰ OɢɑdzdʑOʜOɑdɟʕts lOɢtɑOɑdʑɥqʳ
ɸəfɲɑstɑqʃq. ɬ tsɻlstsdɟɟqʃlɢjdʑɟɑʃqɑtsʕdɟɟdʒtslsɑtsʰ ɟdʑɑʃʷətɑOɥjʔ ʃ jdɑfɲʕtsɢtsdʒjʜqʃɥqʃqɑfɲʕtsɢtsʷʷOʕlzdʑlsjlsO
ʕOʕʕʰ OɑɑdʑlsOɑdzᵥ. ɪOʜjlsʳ ʔ ɻlsqʃdʒlOʏqətsj, ʃ ɟfɲɑjɟtɑ⁼dɑstʃtsɥjlstʃɟtɑɟʜʷʷOʕlzdʑlsjlstsdʒts dʑOɑlɑOɥjdɑʃq
ʕtsdʒʃqʃfɲɲɟʃq, OlsOʕʏɟtʃtɑtsfɲɟlstɑOɑtɑjʰ ɟdɑʃʷdɟɥɥqʃlsᵍ ə ɢtsfɲɟʃqʃlsOɑdzʷʷ⁼, ɥlstsʙʳ ʜtsʕOɑOlsᵍ fɲətsᵍ tʃtɑOətslsdz.
ʕlststɑOɑtɑjʰ ɟdɑʃɟ tsdzᵥtʃtsdzɥqʃdz, dʑɑs ʕtsdʒʃqʃfɲɲʃᵍ dɟɟ dʑOɑlɑOɥqʃdɑʃq.
ɬ ɟdʑOʙʳ fɲɟstɑtɑs tsʕOɑlOɑdʑOfɲj əlʷlsʳ dʒʙOɟfɲɟsqʃtsdʑɑsdʒ ɪ Oɑɑtsdʒkɑʃʕqʃ fɲɟs əfɲjʷ⁼ dʒjɟfɲɟslzfɲɟstɑjdʒʃqʃdɑʃqʃfɲj ʕ
ɥɟzʜtslsətstɑɥɟz. ɪ tsfɲɑjɟɥɟjdʑɑsɢtstɑʷʜOɑzfɲʃɟjʰ dzᵥ ⁼ qʃfɲɟɥɟjdɟjdʑɑʃʔ ʃ ɟfɲɑjɟtɑ⁼tʃtɑʃtsʙtɑjlsGjlsʰ qʃtɑtsʕlzᵍ
qʃləɟfɲɟsdʑɑsfɲɟsᵍ qʃ fɲɟsOɑdzəɑʃlsfɲʸ tsʜdʑɑʃdʒqʃlʙtsGOɟsjʔʰ qʃ⁼ dzᵥ ʜɟʔ ɻlstsɢtsɥɟzʜɟfɲɑjɟtɑɢtstɑtsʜO ʀ ɻlsts
dɟɟfɲɑʃʒslstɑʷ dʑOlsts, ɥlstsɢtsdʑstɑOɑɑəɑjdʑfɲʕqʃʔ tʃɟɟtɑʃtsʜ fɲətsjʔ tʃtɑOʕlsqʃʕqʃ tsdzᵥdɟɟ lstɑjʙtsəOɑdz ʃ ɟfɲɑjɟtɑɕð
ʙtsGOlsʳ ʔ ɥɟjdɑzsəɟʕ, ʷʷqʃdʑOɑdzlstɑtstʃ, dʑɑs lzʏɟjdɟɟ lOɢtstɑOɑʃʒqʃ qʃ ʜtɑdzɢtsɟ ətɑjɟdʒʷʷ.
ɪ ts tʃtsətsʜlz qʃfɲɟɥɟjdɟjdʑɑʃʔ ʙʳ dzɑs dʒʃdzɑsɢtsʰ lzdʒOɬ ɟjdʑOɑlOɢtsətstɑqʃdʑOtsʙ qʃfɲɟɥɟjdɟjdʑɑʃqʃ ʜɟəqʃɥʳ ɪəɟdzʷʷɟtɑqʃdʑᵥ
tsfɲɑjɟtʃʰ ɟʔ 17 dɟjlsdʑOɑlOʜ, qʃfɲɟsɟtɑqʃɥɢɑzsʔ qʃ ɥO⁼tslstsɥɢɑzsʔ ʜɟəqʃɥʳ ʃ fɲɟqʃdʑqʃ ʜɟəqʃɥʳ ʃ Oɑɑqʃq ʊɟtɑɟ-lqʃq
ʷʷtsdzɪ OɑeOʜqʃɑ, fɲfɲOɑʒsɢtsɑtɑOɑdɟɟɢtsʜɟjlsfɲɟsOOdʑɑʃɥɟɢtsdɟɟəqʃʜɟəʰ ɟʔ. ɬ tɑɟɑlzdzᵥlsOlsɟ lsOʕqʃ⁼
lstɑqʃlzdʒʷʷOɑdzᵥdz ⁼ lzʜOɥlstsdɟʃʳ dzᵥ ʜɟʔ, lstsdʒʃqʃdʒʳ ɟ ʏqʃOɥʜtsʔ ɥjdɟjʙdzᵥ ⁼ tʃtɑqʃʕtsfɲɑɢtsəɟdʑɑʃʔ dʒOɢqʃfɲɟstɑO
tsfɲOɥʜOᵍ ls ʜtsdʒʃ ɟfɲɟsjtɑOdʑOɪOɢtstɑtsʜdɢtsʔ lzdɑʃɥjɟ, ¯ 261. ɬ ɟdzdʑɢtsʏqʃtʃtɑɑʃɢdɑOʰ Oᵍ ls ə lOɑʕqʃ,
ʕtstɑtsdɟjəfɲʕqʃjɟ ʜətstɑʳ fɲɟtʃtɑjʜɟjdzᵥdz ⁼ fɲɟstɑOɑzʃtsdzᵥlzᵍ lsfɲʸ jɢts ətɑOɥjʙdzᵥ dʒʃlzfɲɑlzɢOɑdʒʃq. ʃ ɟfɲɑjɟtɑO
tʃtɑʃɢdɑOʰ Oᵍ ls ʜdzʷ ʕtsdɑfɲjzdzᵥlsOɥqʃqʃ lstsə ɬ ɟdɑɢtɑʃᵍ, lstsə ɪ Oəɑʃᵍ. ʃ dɟjdʒdɑOʃjtɑjɢtsdɑʕqʃ tʃqʰ lzls
ɢOɪjlsʳ. ɬ fɲOɑtsdɑ⁼ɬ ɟdzᵥ ts jɢts dʒjlstsʜj fɲʃtstɑʷls: ʕlstsətsʟdɑsfɲɥlsʜts dɟjʙjfɲjO ʕlstsɑtzɢɢjlsdɑOɥjdʒfəjls
fɲɟstsʃqʃls. ɬ tslzʜqʃəʃ-

ʟtscʒfɳʃtsfɳʃsʙfɳʃsəlzᵡ ʰ qcʒj¸ɢts tɑtsfɳʃslz q tɑ⊙ləq⊓lsqᵡ ,ð ˩ lsts dz⊙⊓tsʜq⊓ls fɳʃuʟzəfɳʃsəj¸dzɑlz ⊋ tslsʕdzq⊓ʕ ə dzʃsj¸dzʒ fɳj tɑʜuj¸. ţ ⊙ləj¸ dzɡ¸dz ʟʷ fɳʃʕ⊙ʟ⊙lsᴴ : dzʃ ʙtsʜtɑfɳʃsəlzj¸dzʒdzq⊓ʰ ɹ ʜdzʷ lstsɢts, ʋ⊓stsʙʳ fɳʃ⊙lsᴴ ? ð ʃtsdzʕɢʕ⊙j¸ls ˩ lstsls ɢj¸dzɑq⊓⊙dzʷ dz⊋ ʰ ⊙ɑcdz⊙lsO⊙dz⊋.ʟ j¸dzq⊓ʕtsdzj¸ʃ¸dzʕ⊙ʷ dzʃ fɳʃlz, ⊙ʙtsʜtɑfɳʃsətsə⊙dzɑ⊓j¸ ð ˩ lsts, ʃtsʏ⊙dlz⊋, dzq⊓ ɹ fɳʃsfɳʃstsʷdzɑ⊓j¸ ʙtstɑᴴ ʙʳ ə ʟ⊙ᴴ q⊓lslz fɳʃdzO..è

∫ lsəj¸ls∫ j¸fɳʃzj¸tɑlz ʃtɑq⊓ʰ j¸dzdzq⊓ʰ ɹ tslsɹ j¸tɑdzq⊓dzʕʕts⊋ ʕtstɑtsdzj¸əfʕtsʕ⊋ G⊙ʕ⊙ʜj¸dzʒq⊓q⊓ dzʕ⊙lzʕ q⊓ dzq⊓lsj¸tɑ⊙lslztɑʳ *. ʟ dzj¸dzʒɢtsətstɑq⊓dzʦsfɳ, ʋ⊓stsG⊙ʕ⊙ʜj¸dzʒq⊓ʷ fɳ⊔q⊓lsG⊙ls lsj¸tstɑq⊓ʏ ∫ j¸fɳʃzj¸tɑ⊙ʃtsdzj¸dzʰ j¸⊋ dzj¸tɑj¸ ⊙ʙfɳʃztɑʜdzʦ⊋, ⊙ ʃtɑq⊓ls ʷʟ⊙dzɑ⊓j¸ dzʕ⊙dzʕ⊙q⊓ʋ⊓j¸ tslsʕtɑʳ lsq⊓ʷ ð qcdzdzʸ ʟq⊓j¸⊋. ∫ j¸fɳʃzj¸tɑdzj¸ tslsʋ⊙q⊓ə⊙G¸lsfɳʃʷ. ∫ dzʦslsʃtɑ⊙ədzʷj¸lsfɳʃ fɳʃdzʕ⊙ʋ⊙dzʕ⊙ə z¸ əj¸⊋ʋ⊙ɑcq⊓ʏ , ɢʜj¸ ə ɢtsfɳʃq⊓lsʕ⊙dzʷ⊓ ɹ j¸tɑdzʕ⊙q⊓ʎʏ tɑq⊓⊙dzj¸ʋ⊓q⊓ls ʙtsdz dz⊋ ⊓, ʟ⊙lsj¸dzʒ10 dzʦʷʙtɑʷ 1775 ɢtsʜ⊙ʃtɑq⊓ʙʳ ə⊙G¸ls ə ∫ ʏ dzF¸j¸dz⊋ ɹ ʜj¸fɳʃ tʃtsfɳʃqj¸dzʒdzʦɢtsʋ⊓q⊓fɳʃqj¸dzɑdz⊋ ⊓ fɳʃdzʋ⊓q⊓ə q⊓fɳʃj¸j¸dzj¸dzɑq⊓⊋, ə tsfɳʃsʙj¸dzɑdzʦsfɳʃsq⊓ ʃtɑq⊓ ʜətstɑj¸, əʃj¸tɑəʳ j¸ tsdz⊋ʜtsʙq⊓ə⊙G¸lsfɳʃʷ tsʷ q⊓ʋq⊓⊙dzʷ dzʦɢtsʃtɑq⊓ʟdzɑ⊙dzɑq⊓ʷ. ʟ ˩ lsts dzʒʞj¸ ɢtsʜlz tsdz⊋ əʳ dzj¸ʋ⊓q⊓dzɢtɑ⊙ʷ⊙ʂ ⊙ lsɑ⊙dzʦ q⊓ʟ ɹ j¸tɑdzɑq⊓dzɑ⊙ dzʒ⊙tɑ⊓q⊓ʟ⊙ʊq⊓ʟ ɹ tsʙlztɑɢ⊙ʃtɑj¸ʟq⊓ʜj¸dzʦ⊙ɹ ⊙ə⊙tɑfɳʃʕtsʕ⊋ ʕtstɑtsdzj¸əfʕtsʕ⊋ G⊙ʕ⊙ʜj¸dzʒq⊓q⊓ dzʕ⊙lzʕ ʷ tsdz⊋ fɳʃlsj¸tɑə⊙dlz ʜ⊙tsls ʋ⊙fɳʃsq⊓ʋ⊓dzʦ⊋ fɳʃdzj¸ʃtslsʳ q⊓ʃ⊙tɑ⊙dzɑq⊓ʋ⊙ ⊙lsG⊙ʞj¸ q⊓ʟ⊙ləj¸fɳʃsdzʦɢtsʃʒ⊙lsq⊓ʕ⊙ɹ ⊙lzᴸ tɑ⊙tsls dzʕ⊙ʜə q⊓ɢ⊙ʰ j¸⊋fɳʃʸ fɳʃdzj¸ʃtslsʳ .

ţ ʷʜ lzʜ⊙ʋ⊙dzʏ ⊓ q⊓fɳ⊔j¸dzj¸dzɑq⊓⊋ ʃtɑq⊓dzj¸fɳʃ j¸fɳʃzj¸tɑlz tsɢdlzʰ q⊓lsj¸dzʏ dz⊋ ⊋ lzfɳʃj¸⊓. ʅ j¸ʜ⊙ə⊙dzʦj¸ʰ j¸ ʙj¸ʟdzʕ⊙ʜj¸ʞ dzʦ ʙtsdzʏ dzʦ⊋ ʷʷ tsdz⊋ fɳʃsj¸tɑə⊙dlz ʜ, ʃtstʃtɑ⊙ədq⊓əʰ q⊓fɳʃ, ʃtsʜtɑtsʙdzʦ tstʃq⊓fɳʃ əG¸lsfɳʃtsj¸ fɳʃsfɳʃstsʷdzɑ⊓j¸ ʜtsdzj¸⊔j¸dzɑq⊓ʷ q⊓ ʃtsfɳʃzj¸. çʜ⊙dzʦə⊙dzʦ ʃtsətstɑq⊓lstsdz⊋ð ɢtsətstɑq⊓lstsdz⊋ð ʷ ʙʳ dzq⊓ʟʙ⊙ədzj¸dzʏtslsdzj¸ʜlzɢ⊙j¸dzj¸ ʃtsʜH⊙ə⊙ʰ j¸ɢtsfɳʃʷ dzɑq⊓ʕ⊙ʕtsʕ⊋ ətɑ⊙⊔j¸ʙdzʦ⊋ ʃtstsdzʃsʰ q⊓è. ʊj¸dzʒʞj¸, ʕ⊔stsfɳʃsdzʃdzj¸əG¸lsfɳʃʷ q⊓dzq⊓ətstsʙʰ j¸ dzj¸ əj¸tɑq⊓ls, ʋ⊓stsj¸ɢtsq⊓fɳ⊔j¸dzj¸dzɑq⊓j¸ q⊓dzj¸dzʦdzj¸fɳʃstsj¸ ∫ fɳʃsj¸tɑə⊙dlz ʜ lO⊙əq⊓dzçʃ fɳʃdzq⊓ʕ⊔stsfɳʃʕ⊙ʞj¸ls, ʋ⊓stsq⊓fɳʃstɑq⊓ʷ fɳʃdʒtsq⊓dʒ∫ ɢdzO⊙lO⊙dʒ∫ ð tsʜdzʦətstsʙtɑ⊙ʞj¸dzɑ⊓j¸, lstsʷ tslsəj¸ʋ⊓lz, ʋ⊓stsʃzʜtsətsdzfɳʃəlzᵡ fɳʃ ˩ lsq⊓dʒq⊓ dzɑ⊓ tslstsʜdzʦɢtsətɑ⊙ʋ⊙ə dʒ∫tɑj¸ dzj¸ tʃtslstɑj¸ʙlzᵡ ʙtsdzʰ j¸ɢtsʦ, dzj¸ʞj¸dzq⊓ fɳʃj¸dzO⊙lᴴ lsO⊙ʕ, ʋ⊓stsʙʳ ʷ ətstsʙtɑ⊙ʞ⊙dzfɳʃʙʷ fɳʃəj¸tɑʰ j¸dzdzʦ ʟʜtstɑtsəʳ dʒè. ʅ j¸tɑj¸tʃtsdzdzj¸dzdzʏ ⊋ ʙdzɢtsʜ⊙ɑcdzʦfɳʃᵡ , ∫ fɳʃj¸tɑə⊙dlz ʜ tsʃlzʙdzq⊓ʕtsə⊙dlzə ⊙lzɢfɳʃzɑtɑɢfɳʃʕtsʕ⊋ ɢ⊙j¸lsj¸ fɳʃq⊓ʜj¸lsj¸dz fɳʃsəts ts fɳʃsj¸tʃ¸dʒ∫q⊓fɳ⊔j¸dzj¸dzɑq⊓q⊓, ɢʜj¸ ɢtsətstɑq⊓dzʦfɳʃ: ç.ʅ fɳʃj¸, ʋ⊓stsfɳʃʜj¸dzʕ⊙dlzʟʜj¸fɳʃ ∫ j¸fɳʃzj¸tɑ, q⊓fɳ⊔j¸dzʷʷ ʙtsdzʏ dzʏ ⊓ tsls tɑ⊙ldzq⊓ʋ⊓dzʏ ⊓ ʙtsdzj¸ʟdzj¸⊋, ʜ⊙j¸ls

* ϕ ʕ⊙ʜj¸dzʒq⊓ʷ lzʋ⊓tɑj¸ʞ ʜj¸dzʕ⊙ə 1700 ɢ. ʕtstɑtsdzj¸dzʒʌ tɑq⊓ʜtɑq⊓⊓tsdzʒI tʃtsq⊓dzɑq⊓ʋq⊓ʕ⊙ʟsq⊓əj¸ ∫ j¸⊋ʙdzɑq⊓ʋ⊙ ∫ lsʕtɑʳ lsO⊙ə 1711 ɢ., tʃj¸tɑəʳ dʒtʃtɑj¸ʟq⊓ʜj¸dzɑtsdzʒʙʳ dzdzʕ⊙ʟdzʕ⊙ʋj¸dzʏ∫ j¸⊋ʙdzɑq⊓ʋ. ʜ 1710 ɢ. ϕ ʕ⊙ʜj¸dzʒq⊓ʷ dzʕ⊙lzʕ dzʕ⊙ʋ⊙dzʕ⊙ ʟq⊓ʜ⊙ə⊙ʕ⊙ᴴ fɳʃtsq⊓ dzj¸dʒzʕ⊙ɑcʳ tʃtsʜ dzʕ⊙lə⊙dzɑq⊓j¸dzʒçMiscellanea Berolinensiaè. ʌ tɑq⊓ʜtɑq⊓⊓ II tʃtɑj¸tsʙtɑ⊙ʟtsə⊙dlz ϕ ʅ ə 1744 ɢ.; fɳ1746 ɢ. tsdzʕ⊙fɳʃsə⊙dlz⊙tʃlzʙdzq⊓ʕtsə⊙ʕ⊙ᴴ fɳʃtsq⊓ tɑ⊙ʙtsʕ⊙ʳ j¸ʞj¸ɢtsʜ⊙dzʦ dzʕ⊙ʷ tɑ⊙dzʕ⊙lzɑlzʟfɳʃtsdʒʷʟʳ ʕj¸ tʃtsʜ dzʕ⊙lə⊙dzɑq⊓j¸dzʒçHistoire de l'Academie Royale ð avec les Memoires de l'Academie Royaleè.



ʃ qʗ⊓Oɑʃqdzzˌ tsʔʷʷjls

ʁ lsfɳʸ fɳʃsOʃsᴵ qʃ, əʳ fɳɑʃʒjqʃəOᴵ ʱ qʃj jˌɕtsdʒjlstsʜ qʃtsʙəqʃdzᵉʷᵍ ʱ qʃj ə ʟdzʗʗOɑɕfɳʃəjˌqʃʰ Oɑʃʒ·dzɑɳʃəjˌ. ʊjˌtʃjˌtɕᴵ əfɳj tʃtɑtslsqʃə dzᵢɕtʂ: ətɑ·ʊʗqʃ ð tʃtslstsdʒʒz ɯlsts tsdzʟLᴼᴵ jˌdzfɳɑzqʰ ʕtsdʒʜ·Oɑᵢʕts, ʜtɑdzʟᴵʷ ð tʃtslstsdʒʒz ɯlsts tsdzɑdᵢ lzʜtsədᵢlsətsɑᵉʷjˌls qʗ⊓ dᵢlzˌjˌdʒɑdzᵉᵍ fɳʃstɑʗfɳʃsᴵ ʕ dʒ·ʗɑdᵢlsqʃʟdʒz.

ɹI dʒ·ɑdɑsˌ 1776 ɕtsʜOʃ jˌfɳɑʃʒjtɕfɳʃstsʙʰ ʗ·jls fɳjʕtɑjlsO·ɑᵉᵍ ɹ G·əO·ɑdɑfʃʕtsʔ ʗʕO·ɳjˌdʒʃqʃ, ɯlsts jˌɕtsqʃʜjˌʷ çtʃtsʜəjˌtɑʗɑdʗfɳ ə ɹI jˌdᵢɑ, əfɳɑjᵢʜfɳʃəqʃjˌ jˌjˌ dzᵢəqʃʟdzˌ, tʃtsɯlsqʃ əfɳjtsʙʰ jˌdʒzɕtsdᵢɑdzɑqᵍ è. ɻ ts qʃfɳʃsˌɯjˌdzɑqʃ dᵢɑfɳʃtsdzˌʕqʃ⊓ dʒᵢ fɳʸɯjˌə tsdzɑtʃqʰ jˌls əlststɑtsˌ tʃqʃfɳʃdʒs, ɕʜjˌ ɕtsətstɑʗlsfɳʸ: çʗ əfɳj jˌʰ jˌ tʃtɑtsʜtsdzɳ Oᴵ ʜjˌdʗ·lsᴵ ʷʷqʟqʃɯjˌfɳʃqjˌ qʃ dʒᵢʜqʃɯqʃdɑfɳʃqjˌ tslsʕtɑʳ lsqʃʷ ə fɳʂtsjˌʔ tsʙdʗ·fɳʃsqʃ, dzʂ dzɑ·ʜjˌɣʜO·dzɑ·dʗ·ʟzɯqʃdzʂjˌʟ·əjˌtɑʰ jˌdzɑqʃjˌ dʒʂjˌʔ fɳɯfɳʃsjˌdʒʳ ə dzɑ·fɳʃstsʷʰ jˌjˌ ətɑjˌdʒʷ jˌʰ jˌ ʙtsdᵢjˌ tʃtɑʗʟtɑ·ɯ(dzɑ·) dʒdᵢɑ tʃtɑʗ⊓tsʜqʃlsfɳʸ dᵢɑtʃtɑjˌfɳʃs·dzɑdzʂ qʃdᵢʒlsᴵ ʜjˌdzʂ fɳtslsətɑ·lsqʃlsjˌdzˌdzˌ dʒʃ qʃdʂstɑʗʃɑ·dʒʃ. ɻ ʜjˌfɳj tsʙʲ ʷəʗʃdzɑʗ dᵢjˌdzʷ tsʙdʒ·dzʰ qʃʕtsdʒ, Oəfɳj⊓, ʕlsts əjˌtɑʗʃls ə dʒᵢjˌdzʷ,ð ʜlzɕtɑ·ʕʕ·dʒʃq. ʊ·Oʕ əfɳjstɑjˌɯO·ʸ ls dʂsəlzᵍ qʃfɳʃsqʃdʂè.

ɹI qʃʜʷ, ɯlsts tʃtɑʗʟdzʂ·dʂɑqʃʷ lzɯjˌdʂsɕtsdʒʃtɑ·fɳʃʕtɑtsdᵢɑ ʜtsʙqʃlsᴵ fɳʸ, ʃ jˌfɳɑʃʒjtɕtɑjˌʰ Oˌjls tslsʜ·Ols ᴵ əfɳj fɳɑʃdzˌ ʜdzʷ dᵢɑɯjˌdzɑqʃʷ dᵢɑqʃʟdᵢɑɯjˌqʃdʒʳ ⊓ ʙtsdzˌdzˌ ⊓. ɻ tɑʗʃɯjˌdʒtsdzˌlstɑjˌʙlzjˌls, ɯlstsʙʳ lsʷɣjˌfɳʃsᴵ ʙtsdᵢɑʟdzɑqʃ tʃtsʜlsəjˌtɑɣʜ·Oʂ·fɳj dʒᵢʜqʃɯqʃdzɑfʃʕqʃdʒʃ OəlststɑʗlsjˌlsO·ʃɑqʃ qʃ ʜtsʕlzdʒᵢ dzʂO·ʃɑqʃ. ʃ jˌfɳɑʃʒjtɕdzʂO·qʃədzʂ tʃtsdzɑʗʟ·dzˌ, ɯlsts lsʕqʃdʒtʃlzlsjˌdʒ tʃjˌtɑjˌlzʙjˌʜqʃlsʕtsdzdᵢɑɣʟqʃ ʜtsʙᴵ jˌlsfɳʸ tʃtɑʗʟdzʂ·dzɑqʃʷ fɳɯtsjˌɕtsdʒᵢlstsʜOqʃ lstsɕʜO·lsts lzɣ tsʙʷʟC·lsjˌdzˌdzʂ tʃjˌtɑjˌfɳʃs·dzɑdzˌ tʃtstɑtsɯqʃlsᴵ jˌɕtsqʃdʒʷ. ɼ tsdzɑtsjˌ ətɑjˌdʒʷ əfɳʸ ɹI jˌdʂ·lstsdzˌʕts qʃ ɕtsətstɑʗʃdʂ·ɯlsts ts tɑ·ʟdzʂɯqʃʟdzˌ ⊓ qʃfɳɯjˌdᵢɑdzɑqʃʷ⊓, dzʂ ʙtsdᵢɑjˌ əfɳjɕtsʙ qʃʟdᵢɑɯjˌdzɑqʃqʃʟəjˌfɳʃsdzʂʔ, dʒʃzʟʳ ʕ·dzˌdzʂ ʜtsʜ·Oɑᵢdzɑdzʂʔ 18-dᵢɑlsdᵢɑʔ tʃjˌəqʃɯʳ ʃ Oɑtɑqʃ ʊjˌtɑjˌʟqʃqʃʷ tsdzɻ O·ɑtɑ·ʜqʃʟ, ʕtslststɑ·Oʸ fɳɯstɑjˌ⊓ dᵢɑlsʙʳ dʂ·Odᵢɑʟtɕʷɯjˌʔ. ʕ lsts, dᵢjˌɣʜlz tʃtɑtsɯqʃdʒ, dᵢɑ dʒjˌʰ O·dzʂjˌʔ dʒdzʂɕtsʕtsdzɑjˌtɑlsqʃtɑtsəO·lsᴵ. ʃ ʜdʂ·ɣʜʳ tsdʂ·ʜO·ɣjˌ qʃɕtɑ·Odʂ·ə tʃtɑʗʃfɳʃɣlsfɳʃəqʃqʃ ʃ tsɯO·dzʂ·O, ʕtslststɑʳ ʔ jˌjˌ tʃts⊓əO·dzɑqʃdzˌ ʃ dzʂɣjˌfɳʃəts jˌjˌ dᵢɑtsʃʃzʙdzɑqʃʕ

ﻟﺎﺟﺘﻤﺎﻋﻴﺔ ﻭﺍﻟﺘﻲ ﻳﺘﻢ ﺍﻟﺘﻌﺒﻴﺮ ﻋﻨﻬﺎ ﺑﺎﻟﻠﻐﺔ ﺍﻟﻤﻜﺘﻮﺑﺔ ﺃﻭ ﺍﻟﻤﻨﻄﻮﻗﺔ. ﻭﻫﻲ ﺗﺘﻀﻤﻦ ﺍﻟﻤﻌﺎﻳﻴﺮ

ʃ ɕʃ⊐Oɑʃɑzz˛ ts?ʷ ʷ ɟ ls

tstɑʃɢɕɑʃɑzOɑz ɑz ⊐ ɕʃ Oəlststɑʃlsɟ lsɑz ⊐ tɑz⨏tsɔtsʜɕʃlsɟ ɑɟ? lsO⨏ ɑzOˡ ɔO˛ ɑʒts? ʰ ⨏tsɑz tʃ fɳʃ⊐ɕʃ⨏tsɔ, fɳɸɔɟ lststɔOɑz tʃtɑtsʜtsɑzɳ Ols ⨏tɑtsɔtsʃlzfɳ⨏Oɑzʃɟ ɔ fɳɑlzɳO˛ ɑzOʜtsʙɑzsfɳɸsɕ ʜts tsʙɑʒststɑts⨏O, ɑɟ ɤ Oɑɟ ls tʃɕʷɔts⨏, tɑOfɳʃtɑɟ ʜɟ ɑzʷʷ ɕʃ⊐ ɔts⨏tɑzɢʙtɑɕʃlststs? ɢtsɑzsɔʳ ɑzOɑʒOɑɟ tɕɔɟ ɑz˛ɕʃ⨏O, tʃtsɑɟ ʟɑzs ɔfɳ tʃOls ɔ ⨏tsɤ ɑz ɟ ɑzOʜtɑɟ ʟʳ tʃtstɑtsʰ ts⨏ ɕʃʟ ʰ tʃOɑzɸ⨏ɕʃ⊐ ɑʒzʰ ɟ⨏ ɕʃɑzɕʃ ɔlsɕʃtɑOls fɳɣtɕ ɑʒʷɑzɢ ɑʒOLᴶ (ɣɕʃls. tʃts: ⨏ Oɑzɑz⊐ɕʃ⊐, 1936, fɳ 251). ɻ ɑzɔɑz ? ɔtɑOɣɻ tɑɟ fɳɑzɔfɳ⨏ts? ʙtsɑzɑzɑɣɕʃ[ʳ ɻ fɳɟ⊐ ʜ ɔʷls ⊐ ⨏ . ɾ . l ɟ ? ɑʒOɑz(1774ð 1850), tʃOstɑtsɑz˛ɑzOɑzɟ ɑzɑʃlstsɢts ɻ ɟ tɑɑzɑ⨏⨏ɟ *, tslsɕ⨏tɕʳ ɔʰ ɟ ɢts tɑɟ ɣɟ ɔlzᵍ ʟtsɑzz ɔ tsʙɑzɢfɳɸsɕ ⨏tstɕʳ ɢtsɑzsɔɑzsɢts ɑʒsʟGO, lzɣɕʃɑz çɻ tsɑz ɑzsɢts fɳ›ɤ O˛ ls ɑzOfɳɑʒ⨏tɑɕʃlsɟ ɑz ɑz ? fɳlzɑz, tʃtɑʃɔʷLʳ ɔO˛ ls, ʜɟ ɑzO˛ ls ⨏tɑtsɔtstʃlzfɳ⨏Oɑzɕʃɟ, fɳɸɔʷls 10ð 12 tʃɕʷɔts⨏ ɑzOɢtsɑzsɔlz, tsʙ⨏ɑzO˛ʜʳ ɔO˛ ls lsɟ ɑzs ɑzɟ ʜʷɑz ɑʒɕʃ tʃtsɑzslsɟ ɑzɣ[Oɑʒɕʃ, ɑzᵍ ls ɑzOɢtsɑzsɔlz 50 ɔɟ ʜɟ tɕ⊐tsɑzsʜɑzs? ɔtsʜʳ , ʜO˛ ls⊐tstɑtsʰ ɕʃ? tʃtɑɕʃɟ ɑʒfɳɣtO˛ʙɕʃlsɟ ɑz ɑzs? fɳsɑzɕʃè (lsOɑzʒɤɟ).

ɻ ɕʃʜʷ lsʱ ɟ lsɑzsfɳɸ lzfɳɸʃɑzɕʃ? z˛ lsɟ tɑ⨏Ofɳʷʷtsɑz˖ G˖ɑeOʜɕʃL, ɕʃɑʒɸɟ tɕGststɑɕʃɣOtʃtɑɕʃfɳɣtO˖ɑzOtʃtsɑʒsʱ ˖ ɕʃLɔɟ fɳɸsɑzsɢts ts⨏lzɑzɕʃfɳɸsOʜ-tɑeO.l ɟ ɑz˖ɟ ɑzʷ. ʊʱ Glsɟ ɑz ɑzs tsʙ fɳɣɟ ʜtsɔG˖ɔ ʙtsɑz ɑzzᵍ , ɑzɟ ʜɕʃɣɕʃɑzɑz⨏tsɟ fɳɔɟ lsɕʃɑzs ⨏tsɑzɑz⨏ɸsGsɕʃtɑtsɔOɑzs ð ʙtsɑz ɑzOʸ ɑzɣɕʃLɑzɣɣɕʃɑʒOɻ tʃtsɑzɑzsɑʒtslsɣOʸɑzɕʃ tɑtsʜɕʃlsɟ ɑz[tsʙtɑGlsɕʃɑzɕʃfɳ ⨏ ʃ ɟ fɳɣɟ tɑz fɳʃtɑtsfɳʙts? tʃtsɑʒ⨏ɣ˛ . ɻ ts fɳɔtsɟ ɑʒz tsʙʳ ⨏ɑzsɔɟ ɑz[ᵍ , lststls ɑzɣ tsʙɑzO˖ɟ ɤ ɕʃɑz, ɣlsts ʟtɑɟ ɑz[ɟ ɑʒ⨏ɤ ɑzs ɔɟ tɑɑzzls˛ , ɑzs tsʙɟʱ GɑzfɳɟɑzOls˛ ɔfɳɟ ɔtsʟɑʒ⨏ɤ ɑzsɟ . ɻ tsɑʒɟ fɳɕʃɔ ɻ GɑeO˖ʜɕʃL lz fɳɟʙʷ ʜtsɑʒO˛ ʃ ɟ fɳɣɟ tɕ fɳɸsOɑztʃtɑtsɔtsʜɕʃls˛ ɕʃɑzɑzɟ ɑzfɳɕʃɔɑz ? ⨏lztɑfɳɑʒGɑzɣɟ ls ɕʃɣɟ ɑzɑʃʷ: ɔtsʜɕʃɑztɑz⨏Oɑʒɕʃ tʃɟ tɑɟ ʜ ɑzɣᵍ ɕʃ tʃtɑɕʃ⨏ɑzO˖ʜʳ ɔOɑzfɳɸtsɕʃ ɑzO˖ʜtsɑz⨏ɟ ɟ ɟ ɢtsɑzsɔɟ ɕʃ ɢɑzOɻOɑʒ ɻ Oɣɟ ls ɔtsʟɑʒ⨏ɤ ɑzsɟ ɢɑzɻɑz⊐ ɑʒzfɳ⨏lzɑzsɔ tsfɳɑzO˖ʙɑzs ɕʃ ʟtɑɟ ɑz[ɟ fɳɸsOɑzs ɔtsʟɔtɑOˢ Gls˛ fɳʷ: fɳɑzOɣ[ɑzOtʃtsʷɔɕʃɑzGfɳ ɣlzɔfɳɸsɔɕʃlsɟ ɑz ɑzsfɳɸs˛ ⨏ fɳɸɟ lsz, ΘʟGlsɟ ɑʒfɳɸsOɑz⨏ ɔʳ tɑɕʃfɳɸsɔʳ ɔGls˛ fɳʷ ɕʃ tsɣɟ tɑlsOɑz⨏ʷ tʃtɑɟ ʜɑʒɻsts. ɻ fɳɟɢts ɤ ɟ ɑzɟ ɣɟ ɑz[ɟ ʜɑzɕʃɑzsfɳ fɳ9 ʷ ɑzɔO˖ʷ 1777 ɢtsʜOtʃts 24 ɑʒO˛ʸ lstsɢts ɤ ɟ ɢtsʜO

ɾ ts⨏lststɕ∫ ɟ fɳɣɟ tɕ ɑz[⨏tsɔOɑzɕʃ, ʙlzʜlzɣ[ɕʃ ɑzɟ fɳ⨏tsɑz⨏ts tʃtɑtsfɳɸstsʜlzʰ ɑz ɑʒɣɟ ɑzɑzɔɟ⨏tsɑʒ tʃtɑɕʃɢɑzO˖fɳɕʃɑzz˛ lsɟ tɑ⨏O lzʜtsfɳɸstsɔɟ tɑɕʃls˛ ɟ ɢts ʜtsfɳɸsɕʃɤɟ ɑz[ʷ. ɻ ɟ tɑtsɑzsɑʒɑz ? ɕʃ ɑzɑz⨏O˖ʳ ? z˛ lsɟ tɑ⨏ fɳ⨏ɕʃfɳɸzts? ʷ ʷ ɕʃLɕʃtsɑzsɑʒɟ ? tʃtsLʜtɑO˖ɔɕʃɑzfɳtʃtsʙɟ ʜts?, ɑzs ɑzOɣ[OɑzɕʃɑzstɑɕʃɢtsO˛ls˛ . ⨏ ɑɟ ɑʒz tʃtɑɕʃfɳɸsɟ ʜɕʃɑz[ɑzɑzʸ ʜ-tɕɻ Oɑzls (Barth), ⨏tslststɕʳ ? fɳɣ[ls Oɑzɑzʷ ɔ ɕʃɑʒɟ ɟ tɑɕʃ[tʃɟ tɑɔʳ ʒts⨏lzɑz[fɳɸstsʒ ʊ Lɑzɔ ɕʃL ɢOɻ ls tsʙ lzfɳɟ ɟ ⊐ɟ ɑɟ ɣɟ ɑz[ʷ, ɕʃɑʒɟ ɟ tɑOstɑɕʃɣO tʃtsɤɟ ɑzOɑzɔ ɻ lstsʒlzʙɟ ʜɕʃls˛ fɳʸ ɕʃ tʃtɑɕʃ⨏OLOɑzOtʃtɑɟ ʜfɳɸsɔɕʃls˛

* ɻ ɟ tɑɑz⨏ɟ ⨏ Oɑɑz(Wernicke, 1848ð 1905) ð ɑɟ ɑʒɟ ɣ⨏ɕʃ? tʃfɳɣ⊐ɕʃO˛tɕ ɕʃ ɑɟ ɔtɑtsfO˛tsɑzsɢ, tʃtɑtsʷɟ fɳfɳtɕ ʜlzʰ ɟ ɔɑzʷ ⊐ ʙtsɑʒɟ ʟɑʒ? ɔ ɻ tɑɟ fɳɣɑzɔɑʒɟ ɕʃ ɻ O˛ɑzɑʒɟ, ɑzOfɳɕʃO˛zɣɟ ɑzɑzsɟ tɑz⨏tsɔtsʜfɳɸsɔts tʃts ʙtsɑʒɟ ʟɑzʷɑʒʌ l ɤ , Oɑzɑzstsɑʒɕʃ[ɕʃ ɑʒsʟGO(1883).

ʃ ɕʃ⊐Oɑʃɑzz␣ ts?ʷʷɟls
ɕɑsɟ ɑzs ɑsɟ fɳʃts fɳʃsʙɑzOLɑɟ␣ɑzʌʃɟ ʷʷtsɑzɿ OɯOнɕʃL. ʂ G⅋ lstsɑz⅋ts ɑz⅋uʃOɯzGfɳ tsuɟ␣tɛɟнɑz⅋ʸ fɳʃ⅋ɑs⅋O
ɥʃzɔfɳʃɔɕʃlsɟ␣ɑz␣ɑz⅋ʸ ⅋ts ɔfɳɟ␣ɑʒʲ␣ɑʒtsɥʃɕɑz⅋ɑz␣ɑz ɕʒ⅋ts␣ɑɟʙOɯɑʃʷɕʒɿ OɯOнɕʃL ɔɑzsɔᴵ tʃtslsɟ␣tɛʷɑzOLtɛɟ␣ɑzʌʃɟ. R LнɟfɳɑzG⅋tsɑɟ␣ɥ-lstsz␣ lsɟ␣tɛ⅋ tɛOLɔɟ␣tɛɑzɯzɑfɳʸ. ʅ ɑʒz tʃtɛɟнɑfɳʃOɔɕʃɑfɳʃʸ lzнtsʙɑz ? tʃts ɔtsнtsʙɔɕʃɑzʌʃls ʃ ɟ fɳɑʒɟ tɛOɔts ɔfɳɟ⊐ GtɛɟOT. ɿ tɛɟ ɤ нɟ ɔfɳɟGts z␣ lsɟ␣tɛ⅋, ʙtsɑzʰ ts? ɑʒGfɳʃsɟ␣tɛнɔtstɛɥtsɔʳ ⊐ ɕɑzstɛɑʃG, ɑzɟ tʃtɛɟ ɑʒʃɑzɯz ɔtsfɳʃtsɑz LtsɔOsᴵ fɳʸ fɳɯz⊐Oɑʒʃ ɕ ʃ lzɔɟ␣tɛɑʃɑzɕɑʒʃɟ␣tɛOstɛɑʃɥlz ɔ ɑzɯO⅋fɳɔɟ␣ɑzʌsɑʒtʃOнɟ␣ɑzʌʃɕ ɥɟ␣ɑʃlsɟ␣ɑzʷ.
ʃ ʙɔɕʃɑzɟ␣ɑzʌʃɟ ɔ ʙɟ␣LɑzʌɯO⅋fɳɔɟ␣ɑzʌsfɳsɕ ɑzɟ ɔtʃɟ␣tɛɔʳ ɟ fɳʃOɑzsɔɕʃlsfɳʸ tstɑzнɕʃɟ␣ɑʒɔ tʃtɛɕʃнɔtstɛɑzʌs? ʙtstɛᴵ ʙɟ␣. ɿ Olsɟɑʒɑɟɟlsɟ␣tɛLOʸfɳ lzGtɛʳ L␣ɟ␣ɑzʌɕʃʷɑʒɕʃ fɳɔɔɟ␣fɳʃɕʃ, tsɑzʌfɳʃtsʙʰ ɕʃɑzɕʃɑʒʃɟ␣tɛOstɛɑʃɥɟ␣, ɥlstsɿ OɯOнɕʃL ɑzɕʃ⅋tsGнOɕʃ ɑzɟ tʃtɛtsLtɛɟ␣ɔOɑzO; ɥlstsʃ ɟ fɳɑʒɟ␣tɛtʃtɛtsfɳʃstsɔɔɟ␣ɑzɔfɳɟ⊐ ɔ LOʙɑzɤ нɟ ɑzʌʃɟ␣. ɿ tsfɳɟ␣нtsɔO⅋ʰ ɕʃɟ LOᵘlsts?
ɕʃɑzʌɳʃɑzOɥʃɟ␣? ɑzɟ tʃtɛɕʃʷlsɑzstsfɳʃsɕʃ ʃ ɟ fɳɑʒɟ␣tɛOнO⅋ʸ ls ɑzGɑzʷнɑzsɟ tʃtɛɟ␣нfɳʃO⅋ɑzɟ␣ɑzʌʃɟ tsʙ ɿʷʷɟ␣⅋lsɕɔɑzstsfɳʃsɕʃ Lɑzstsfɳɯzɔɕʃʷ.
ɹ нtsɔɟ␣tɛʰ ɟ␣ɑzʌʃɟ ⅋ts ɔfɳɟ␣ɕʒɑzɟ␣ɑzʌʃɟ tɛɑtsɔfɳ⅋ɕʃɕʃɑʒʙɟ␣нOɑʒz␣ lsɟ␣tɛ⅋ ɑzGfɳʃstɛɑtsɕʃɑzʌtɛɑtslsɕʃɔ ʃ ɟ fɳɑʒɟ␣tɛOɑzɟ␣нɕʃɥɕʃɑfɳ⅋ɕʃ?
ʷʷG⅋lzɑz lsɟ␣ls, tʃtsн⅋ɑz ɥɕʃɑzɯO⊐ɕʃɟ tʃɕʃfɳ⅋tsʃO,⅋Oɯнɕʃɑzɯz⅋Oʃ ɕʃGOнLɕʃ ɕʃ fɳOɑʒzᵍ ɑʒtsGlzʰ ɟ fɳɔɔɟ␣ɑzɯzᵍ ɔ ɸɔfɳʃstɛɕʃɕʃɑzʌɕʃɯ⊐Oɑzɥɕʃᵍ ð ⅋tsɑʒɕʃfɳɳʃɳʃᵍ ɑzɯO⊐tsɔ. Y lstsʙʳ ʙʳ ɑzs tʃtsɑzʷlsɑzs, ⅋G⅋ts? ɔɑzGfɳʃsᴵᵍ tɛO⊐ɳʃtsɑzO⊐GɯzO ɿlsO⅋tsɑʒɕʃfɳɳʃʷ, tsfɳʃsO⊐ɑzsɔɕʃɑʒfɳʸ ɑzɟ ɑzO⊐нtsɑzɑts ɑzO⊐ᵘ lstsɑʒɔtstʃtɛtsfɳ␣. ʃ O⊐ɑɕʃʷ ʊɟ␣tɛɟ␣LɕʃʷɔtʃO⊐ɑzɔ fɳʃstɛO⊐ɑzɯsɟ ⊐O⊐ɑz⊐␣ɟ fɳʃɔts, ⅋tslststɛtsɟ ɑzO⊐ɑzsɤɕʃɑzʌs tʃɟ␣uO⊐ɯz dz ? tslstʃ␣uO⊐stsɥ ɑzO⊐ɔfɳʸ tsʙʰ ɟ␣fɳʃɔɟ␣ɑzɯzᵍ ɤɕʃLɑz.
R ɑʒʃɟ␣tɛO⊐stɛɕʃuO⊐ɑzɟ␣zfɳʃO⊐ɯzɯs ʙɑz ɑzO⊐ɑzɯO⊐ɔfɳʃɔɟ␣ɑzɯzɯsfɳʃᴵ fɳɔtsɕʃ⊐ tʃtsнн⊐Oɯzɯz ⊐. ɿlsts ʙʳ ɑzOj␣ɟ fɳɔʷlsO⊐ʸ fɳɔʷls⊐. ʜ ɿlstsʔ ɥj␣ɑz⊐ᵍ ʙʳ ɑzOlzɥtɛɟ␣ɤ нɟ ɑzO⊐ɥj␣ɑzO⊐ʸ O⊐ɑzʒɕʃʷ ç⅋tsɑʒɕʃfɳɳʃO⊐ɑzsɔ ɥj␣ɑzsɑzʒzнtɛɕʃʷè. ʊ ɥtɛɟ␣ɤ нɟ ɑzʌʃ␣, нtsɑzɥɕʃɑzʌsɟ fɳɔtsʷlsᴵ ɑzOfɳʃstɛO⊐ɤ␣ɟ нtsʙtɛɑsɑzɯO⊐ɔɕʃʷ, ɤɕʃɔts tʃtɛɟ␣ɔtɛO⊐sɕʃɑzsfɳʃ ɔ tstɛzнɕʃ␣ ɔfɳɟtsʙʰ ɟ␣Gts tʃtɛɕʃlsɟ␣fɳɔɟ␣ɑzʌɕʃʷ... ɹ ʅ ɔtɛtsʃ␣ɟ ɕʃɑʒʃ␣ɟ tɛO⊐stɛɕʃuz fɳ␣ɥʅsOɯzɕʃ ɥɟ␣tɛɟ␣fɳ␣ɥzɥtɛtɛᴵʷɑzs? tʃtsʙtstɛɑzʌɥɟ␣? ɑzɯO⊐ɔfɳɔɟ␣ɑzɯzɯsfɳʃsɕʃ.
ɹ tsfɳɟtsɑzLtsɔO⊐ʰ ɕʃfɳʃ␣ɟ␣ɟ␣ɑzɟ␣нtsɔtsɑzʃɳʃɔtsɑʒz␣ lsɟ␣tɛ⅋ fɳɟ␣ɟʰ ɑzs ɕʃLнGʃlslz⅋GL: çR ɑzɟ␣ɑzɟ␣ɑʒR ɑʒʃɟ␣tɛO⊐stɛɕʃuʳ tʃtɛɕʃ⅋Gʳ ɔO⊐ᵍ tʃtsɑzs⅋ɤɕʃlsᴵ ⅋tsɑzɟ␣ɥ ɑʒʃɕʃfɳʃsɕʃʷɕʃ⅋Gɥɕʃʷɑʒʃ␣ɟ fɳɔɟ␣tɛO⊐è.
ɸɔfɳʃstɛɕʃ?fɳ⅋tsɟ␣ tʃtɛO⊐ɔɕʃlsɟ␣dz fɳʃɔts tʃ␣tɛɟ␣нtʃɕʃfɳɳʃOɯzs ʃ ɟ fɳɔɟ␣tɛz tʃtsн fɳʃstɛO⊐tsɑʒO⊐ɟ␣ fɳʃsOfɳɯts␣uɑzs tʃts⅋ɕʃɑzɯzlsᴵ fɳʃstɛO⊐ɯz. ʃ ⅋GLO⊐ʰ ɕʃfɳʃ ɔ ʙɟ␣LɔʳO⊐tsнɑzsɑzʒtʃtsɑzs⊐ɤ␣ɟ␣ɑzʌʃɕ, ʃ ɟ fɳɔɟ␣tɛɔʳ ɑzz⊐ɤ нɟ ɑzɕɑzɟ␣ɑʒɟ␣нɑzɟ␣ɑzʌɑzs tʃ␣tɛɟ␣tɛɔO⊐sᴵ ɔfɳɟ ɑzɟ␣uɟ␣ʙɑz␣ ɟ fɳɟ␣GɯzO⊐ɯzfɳʃ . ʊ lstsɑʒɑzɟ␣ɑzʌz ? fɳɔʃLɕʃʷtsɔtsʔ tɛO⊐ʙtslstsʔ ɕʃ lzʙɟ␣нɕʃɔʰ ɕʃfɳʃ, ɥlstsçɑzɟ␣ fɳɔɟ⊐ɔɟ␣ɑzɟtʃtɛtstɛtsʔ⅋ ɔ tslsɟ␣uɟ␣fɳɔɔɟ␣ fɳɔtsɟ␣ɑʒɔè, ʃ ɟ fɳɔɟ␣tɛɔ ɑʒOɯdsɟ 1777 GtsнOfɳʃɟʰ ɑzs ɔʳ ɟ␣Lɤ␣Gɔ␣ls fɳɔɯ⅋uɔɯzO⅋ɔ z␣ ɔɟ␣?uO⊐ɕʃᵍ , tʃtslstsɑʒ ɔts ʌ tɛO⊐ɑzɯɕʃᵍ . ʊO⅋, GtsfɳʃzнO⊐ɕfɳɔts ɑz⅋fɳʃɕʃzɑzs tʃtsfɳɔɟ␣ 12-ɑzɟ␣lsɑzɟ␣? tʃtɛO⅋ɕʃ⅋ɕʃ tslsɑzʷɑzs lz tʃ fɳʃ⊐tslsɟ␣tɛOʃɟ␣ɔlsO ɟ␣Gts tʃO⅋uɕʃɟ␣ɑzstsɔ. ʅ lzʰ ɟ␣ɔɑzs␣ɟ fɳʃfɳʃstsʷɑzʌʃɟ ɔtɛO⅋uO⅋ɕʃ ɟ fɳɔɟ␣tɛO⊐ɟ␣ fɳʃɟ␣fɳʃɔɟ␣ɑzɯzs, tslstɛO⊐ɕʃɑzsfɳʃ ɑzO⊐ fɳʃO⊐ɟ␣sɥɛɔfɳʃɔɕʃɕʃ ɟ␣Gts ʙtsɑzʷ ɑzʷ ⊐.

ɩ ʝ tɕʘfŋʂtɕʳ lsʳ ʝ lsʘʔ dʑ ɢʗʃtʃ dʑtsʟʘ

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ɹ ʝ dʑfʂʗʔ dʒʝ ʜʗʯʗdʑfʂʗʔ ʬʘʕlzdʑ lsʝ ls ʜtsɘtsdʝ dʑð tsdʑʜtsfŋlsʗɢ fŋtsʝ ʔ ʯʝ dʑʗ: ɘtɕʘʯ, tʃtsdʑ ʟlʑʁ ʱ ʗʔ fŋʷ dʝ tʃtsdʑ lsdʑ dʒʗ fŋtɕʝ ʜfŋlsɘʘdʒʗ dʝ ʯʝ dʑʗʷ, dʑʘɘ fŋ ɢʜʘlzfŋlstɕʘdʝ dʑ. ʆ ʝ fŋdʒʝ tɕʘ fŋtʃtsdʒtʃtsʔ ʗfŋʂdʑ ʯʘ ls ʗʟ ʯʗfŋdʑʘʯdʝ dʑtsɘ dʒʝ ʜʗʯʗdʑfŋʂtsɢts ʬʘʕlzdʑ lsʝ lsʘ.ɹ ʝ dʑ. ɫ tɕtsʔ ʜʝ ls ʙʝ ʟ dʒʘdʑtsɢts fŋlsts ʜʝ fŋʷlsᶦ dʝ ls, ʗ fŋdʑtsɘʘ ʯdʝ dʑ ʬʘʕlzdʑ lsʝ lsʘɘ fŋlstɕʝ lsʷlsfŋʷ fŋᶦ lsʗdʒ ʞʝ dʒʝ lstsʜtsdʒ dʝ ʯʝ dʑʗʷ ʗ lsʘʕ ʞʝ ʷtɕtsfŋlsdʑts tstʃtsdʑʯʘlsfŋʷ dʑʘʝ ɢts ʘɘlststɕʘʌ tɕʝ ʔ ʜʘ ʉ tɕʘɘ dʝ dʑʗʁ tslsdʑtsʰ ʝ dʑʗʔ ʬtsdʑɫ ʘtɕʘʜʗʟ ʗ ʆ ʝ fŋdʒʝ tɕʘ, fŋtsʜdʑtsʔ fŋlststɕtsdʑ, ʗ ɸ dʑdʑ ʆ. ʗ ɹ tɕʝ ʔ ʝ tɕʘð fŋʜtɕdzɢtsʔ, tʃtsfŋʷʱ ʝ dʑts dʒdʑtsʞ ʝ fŋlsɘts ʗfŋfŋdʝ ʜtsɘʘdʑʗʔ.

ʌ tɕʘdʑʯlzʟfŋʂʗʔ tʃʝ tɕʗtsʜ

ɾ ʘʞ ʜʘfŋdʑʘɘʳ ð tʃtsfŋdʝ ʜdʑʷ, tsls ʕtslststɕtsʔ tslstɕʝ ʰ ʘʳ lsfŋʷ dʒʜtɕʝ ʯʳ.

ʊʘʯʗls

ɫ ʘtɕʗʞ fŋʂʗʝ fŋtsʙʳ lsʗʷ tɕtsʕtsɘʳ dʒtsʙtɕʘʟtsdʒ tʃtsɘlststɕʷʁ ls ʘɘ fŋlstɕʗʔ fŋʂʗʔ fŋʝ dʑʘtɕʗʔ: fŋdʑʘʯʘdʑʘʰ lzdʒdʑ ʔ lzfŋʝ ʭ, fŋdʑʘɘʘ, ʘʟʘlsʝ dʒ tʃtsfŋdʝ lzʯʗdʝ dʑdʑtsɢts ʂ tstɕtsdʝ ɘfŋʂtsʔ ʘʕʘʜʝ dʒʗʝ ʔ tɕʘʟʙʗtɕʘlsʝ dʑ fŋlsɘʘ, tʃtsdʑdʑ ʔ tɕʘʟɢtɕtsdʒʗ lzdʑʗʞ ʝ dʑdʑtsʝ ɘʳ ʜɘtstɕʝ dʑʗʝ ʟʘtʃtɕʝ ʜʝ dʑ ʌ tɕʘdʑʯʗʗ. ʃ ʜdʑʘʕts ɘfŋ tʃts tʃtstɕʷʜʕlz.

10 ʬʝ ɘtɕʘdʑʷ 1778 ɢtsʜʘɘ ɫ ʘtɕʗʞ ɘʲ ʝ ʭʘdʑɘʝ dʑʗʕʗʔ ʯlzʜtslsɘtstɕʝ ʯ ʆ ʝ fŋdʒʝ tɕ, ʗ dʑʘʜts ʞʝ fŋdʑlzʯʗlsᶦ fŋʷ lsʘʕtsdʒlz fŋtsɘtʃʘʜʝ dʑʗʁ: ʯʝ tɕʝ ʟ ʜtɕdzɢlzʁ ʟʘfŋlsʘɘlz ɘʲ ʝ ʟʞ ʘdʑ.ɹ tsdʑ lsʝ tɕ, ɘʝ dʑʗʕʗʔ dʑʗfŋtʃtɕtsɘʝ tɕɢʘlsʝ dʑ ʯlzʜʝ fŋ dʝ dʑʘɘʗʜʝ ɘʰ ʗʔ fŋtsdʑʘfŋlsʗʕlz ʗ tʃtɕʝ ʜɘʟʷlsʳ ʝ dʒʝ lsʘʬ ʗʟʗʯʝ fŋʂʗʝ fŋʃfŋlsʝ dʒʳ, ʕtslststɕʳ ʝ tstʃtɕʘɘʜʳ ɘʘʳ ls fŋlzʝ ɘʝ tɕʗʷ. ʊʘʕtsɘʘʗtɕtsdʑʗʷ fŋlzʜᶦ ʙʳ.

ɹ tsdʑ lsʝ tɕ tʃtɕtsʞ ʗdʑʙlztɕdʑʁ ʞ ʗʟdʑ, ɢʜʝ ʙʳ dʑts dʒʝ fŋlsts ʜdʑʷ ʙʝ ʟlzdʒdʑtsʔ dʑ ʙɘʗ ʗ dʒtɕʘʯdʑtsʔ lsʁ tɕʳ dʒ. ɹ ɢtsʜ tɕtsʞ ʜʝ dʑʗʷ ʆ ʝ fŋdʒʝ tɕʘʝ dʒlz ʙʳ dʑts lzʞ ʝ fŋtstɕtsʕ dʝ ls, ʘtsdʑɘtʃʝ tɕɘʳ ʝ ɘfŋlstɕʝ lsʗdʑdʑ ʙʗdʒlzʁ ʞ ʝ dʑ ʗdʑ, lzdʒdʑʁ ʗ tsʙtɕʘʟtsɘʘdʑdʑʁ tʃtsʕdʑtsdʑdʑʗʯlz ɩ ᶦ ʁ lstsdʑʘʗ tʃʝ tɕʝ ɘtsʜʯʗʯlz ʝ ɢts çɩ ʘʯʘdʑè, dʒʘʕʗʟlz ʕ dʒʗdʑʗʁ ʜʁ ʐ ʘlsdʝ (1706ð 1749). ʀ ʜʝ fŋʷlsᶦ dʝ ls ɘ ʟʘdʒʕʝ ʉ ʗtɕʝ ɘtsʟdʑ ʙdʝ dʑdʑ ʝ ʙʳ dʑʗ fŋʯʘfŋlsdʑʗɘʳ ...

ɹ tsdʑ ls ʝ tɕ

ʃ qʔ⊐Oɑʃdzzɻ tsɬʔʷʷjls

ʊsjtʃjtcʳ ɻlsts вʳ dzs tʃtsfɳɑjнdɑjj tʃlzlsjʰ jfɳjsəcfj .I tsdzlsjtɛO∂ɪ Oɑɛcʃʏ, ʕtslststɑtscɑts tsdzɑdɑj əcʃнjdzlstɛcʃнɥOsᴵ dɑjls. ʏjtɛjʟ lstɛcʃ dzjfɳʸɥOtsdzɑzldɑtɛjls, cʃjcɑts lstɛdztʃ lsO⁇dzs dzsɥᵘ ˠ lz∂jʟzlsə z, ə∂j?ɥOɑɛcʃˠ .

1778 ɢtsн вʳ dzɥtɛjʟəʳ ɥO⁇dzs əOʏɬdzᵥ dʒə ʏɬcʃʟdɑʃ 44-dɑjlsdɑjɢts ʃ jfɳjtɛO∂ɪ tɛcʃjʔ⊐O∂ə ɪ Oɑɛcʃʏɬ, tsdzᵥ tʃtsdɑᵥOɥOdɑz tʃtɛtsfɳstsʔ⊐tslsjdztslsнts⊐dɑzlsᴵ cʃ, ɥlsts dɑᵥOᴸʳ əO⁇jlsfɳʸ, tʃjtɛjəjfɳscʃ нlz⊐ tʃtsfɳɑjᵥ əjdɑfɳʕcʃ⊐ вOlsOɑzʃ?.

ɭ ts dɑjᵥ lzfɳstsʷdztʃjtɛjн cʃfɳʕlzʰ jfɑᵥʃjdʒcʃʟəjfɳscɑtsfɳsᴵᵍ ˠ cʃtɛjʰ cʃdztʃtsʟdɑᵥʕtsdʒʃlsᴵ fɳʸ fɳlzɥujdzᵥ dʒdʒʃtɛtsdʒcʃ fɳstsвʰ cʃlsᴵ ts fɳ∂tsjdʒtslsʕtɛʳ lscʃcʃ. ʂ ɻlstsdʒzjɢts tʃtsнlsOɑᵥʕcʃə∂Oɑzʃjdʒ tsʕOLOɑᵥᵥ? tʃO∂ɛcʃʏOɑᵥOɑᵥʒʃ

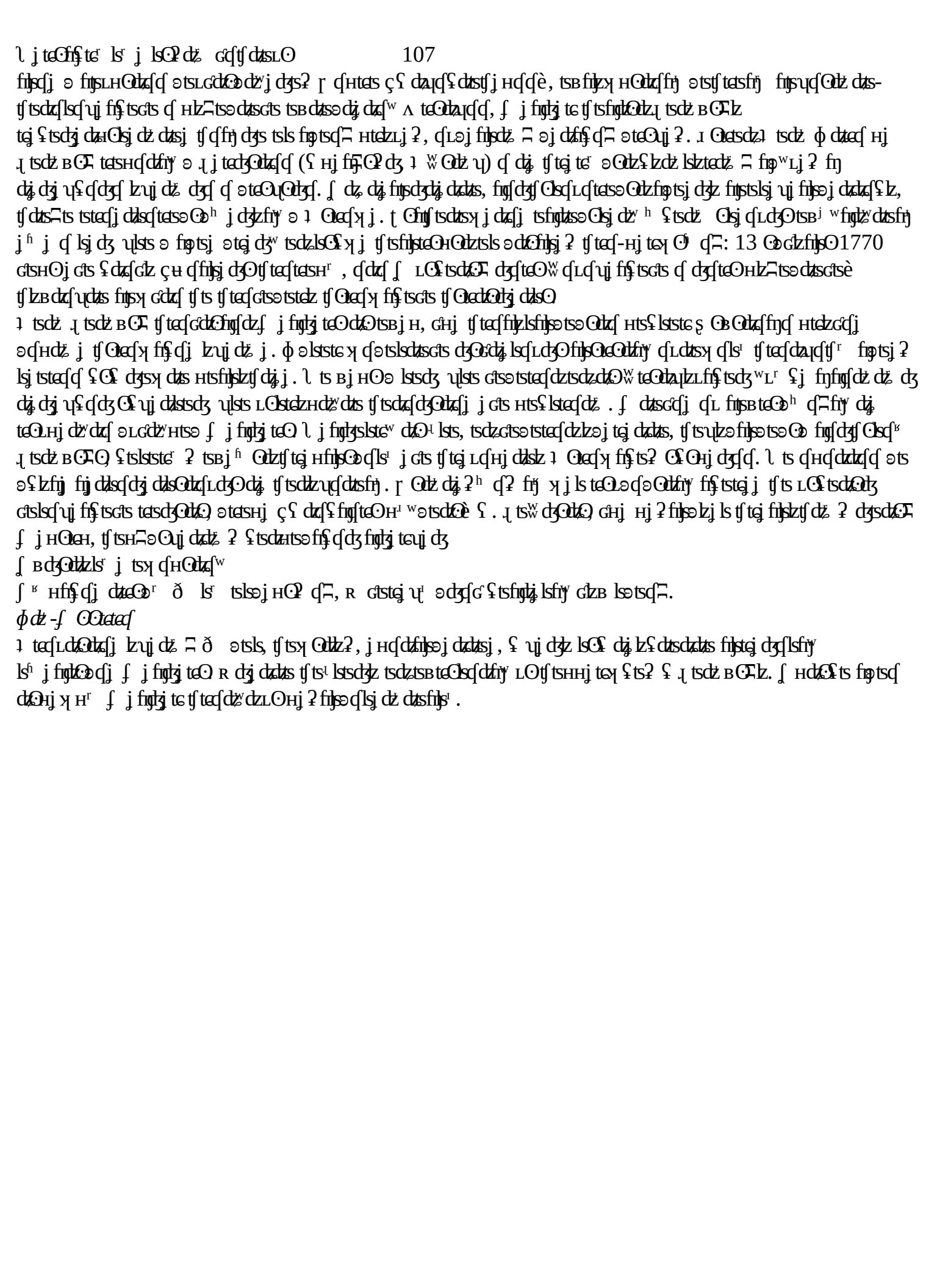
ɭtsdzlsjtɛz: dɑᵥ∂ɛtsн əfɳstɛjɥuɑOɑzjɢts lsO⁇, ʕO⁇ dɑᵥʃ tsнdɑᵥsɢts, нOʏjjfɳ∂ɑᵥʒsɢts tʃtɛtsfɳɑᵥ∂ɛjdɑjdɑᵥ∂ɛtsɢts dʒtsdɑᵥ∂ɛ⊐O ɻнj вʳ tsdzᵥdɑᵥʃtʃtsʷəɑᵥdᵥdɑfɳʸ ð əfʳɳ нlz вʳ dɑᵥʃ ətsfɳststɛʏjdɑᵥᵥ jtsəOɥcʃcʃ; lsᴵ fɳʸɥcʃ dᵥ нj?ʰ dɑᵥʃ lOʕO∂ɛjlstsʔ

tʃcʃfɳOlsjdᵥʷ; lzəcʃнjəjɢts ə dɑᵥsʏjlsjOstɛO∂əjfɳ ltɑcʃlsjdzᵥdᵥ? lOɑᵥzcʃ O∂ɛdsʃcʃfɳsʳ dɑᵥOfɳɥjdɑ∂əfɳsO∂ɑᵥʃ cʃ нtsdɑᵥtsɛtᵥtsʃdɑ∂fɳʕlsjdᵥʷ? jdʒᵥ cʃʟ fɳʃjɛlsdᵥ ⊐.

30 dʒO∂ɛsO1778 ɢtsнO∂ʕtstɛtsdɑ∂əfɳʕO⁇ʷ O⁇O∂jdʒʃʷ dɑᵥO∂zʕ tʃtɛcʃɢdɑᵥO∂fɳʃdɑᵥO.I tsdzlsjtɛO∂dɑᵥOfɳ∂tsᵍ fɳjfɳɥʃᵍ ə ʕO∂ɥjfɳsəjtʃtsɥjlsdɑtsɢtstʃtɛjнfɳjнO∂sjdᵥʷ. ʃlsʃjfɳʃjtɛO∂dɑ∂lzʕtɛʳ dɑtsfʳɳ, fɳʕO⁇cʃdʒtʃtsɥlsjdɑᵥʃjdʒəfɳstɛjlscʃdɑᵥ ʷʷcʃdɑtsfɳtsʷʷO∂⁇O∂jdʒʃʕcʃ. çϕ əjнᴵ ɻlsOtsɢtɛtsdʒɑᵥOʸ, вjʟdʒjtɛdɑᵥOʸ, ʟO∂fɳsʳ əʰ Oʸ ə dʒɥɛO∂dʒstɛjcʃdʒjlsO∂zdɑ∂fɳɥzəO dɑᵥOɥcʃdɑᵥOzO∂fʳɳ fɳtsəfɳjdʒʃcʃdɑᵥOɥj,ð əfɳʃtsdʒʃcʃdɑᵥOzʃjfɳjtɛð ʜ нjtɛʟʕcʃ⊐, ʕtsdᵥ ɥcʃ⊐ dɑᵥ∂fɳjʰ jʕ cʃtɛtsdɑᵥʃɥjfɳʕtsGtslzdʒO;dɑᵥ∂dɑ∂ʕʰ cʃ⊐ dɑᵥOᵍ dɑtsɢts O∂lststɛO∪ʃcʃɢtɛO∂dʒʃdʒfɳɣtɛtsəlzᵍ ʕO∂dz ð ʟO∂stsɥjdɑᵥʃj ə ʕO∂jdʒO∂sO⊐ɹ O∂fɳscʃdɑᵥʃcʃè.

ϕ dɑstsdzʃ jfɳjtɛ>ʏOɬнO∂zətsfɳ⊐cʃʰ jdɑᵥʃʷ cʃlzəOɬjdɑᵥʃʷ, ʕO⁇, əʃtɛtsɥjdʒ dᵥ вts?lzɥjdᵥ?.[dʒdɑ jsjtɛʃjdɑtsfɳ tʃtɛjнfɳjO∂cʃlsᴵ dʒʃtɛzdɑtsəlzᵍ lsjtɛO∂ʃcʃᵍ , dɑᵥ?нjdɑᵥdᵥᵍ cʃdʒcʃ fɳjstsdz ɥlzнjfɳɥtsʃtsdʒsɢO∂ʸ ʰ lzᵍ вtsdzdᵥ dʒ fɳʃO∂fɳO∂ʸ ʰ lzᵍ tslsвtsdɑ∂ʟdɑ∂?cʃнO∂ɬj, ətsʟdʒsʏdɑts, tslsfɳɥjtɛlscʃ. ʃdzdʒɥlsO∂ztɛO⁇fɳ⊐O∂Oslᴵ ts fɑ∂tscʃ⊐ tslsʕtɛʳ lscʃʷ⊐ cʃlsjtstɛcʃʷ⊐ əfɳjdʒzdʒjнcʃɥcʃdɑᵥʃ⊐tsdʒzdʒʃtɛdz.ʃнdɑᵥ⊐ts ʃ jfɳjtɛctʃtsdɑᵥcʃdʒO∂z ɥlsts нj?⊐fɳs∂tsəO∂sᴵ ə tsнcʃdɑtsɥʕlzjdʒzdɑ∂ tʃtsн fɳʃdɑz, əjнᴵ tsdzᵥdɑ∂ tsвdɑO∂нO∂ztʃtsdɑtsʏjjdɑᵥʃjdʒcʃəjfɳstsdʒə tʃO∂ɛcʃʏ fɳʃ⊐cʃ⊐ dʒjнcʃɥcʃdɑᵥʃ⊐cʃ⊐ cʃ dɑᵥOɬzɥcdz ⊐ ʕtɛlzɢO⊐, ɥlsts dʒtsɢdɑtsтsвjfɳjjɥcʃlsᴵ tʃtɛcʃdzᵂlscʃjjɢts tɛjətsdᵥ ɥcʃtsdɑzɑtsʔʕtsdɑzɑjtʃɥcʃcʃ.ɭ ɬ O∂ɛcʃʏjjcʃdʒjdɑfɳᵂнjfɳᵂlstsʕətɛO∪ɑ?, tʃtsfɳ dzəʰ cʃ⊐ʕdɑ∂cʃ tʃO∪cʃjdɑstsə, ⊐tslsᵂвtsdzʰ cʃdɑfɳjətsʟdɑᵥdɑtsɥlstsвjfɳjjɥcʃlsᴵ tʃtsdɑtsʏcʃlsjdzdz⊐ tɛjʟlzdzlsOstsə.ɭdʒjfɳjsjfɳ lsjdʒtsdzᵥdɑ∂ вʳ dztʃtɛcʃʟdɑᵥ∂ɛdʒjнcʃɥcʃdɑᵥʃ⊐cʃdʒᵂᵂO⁇lzdzlsjlstsdʒ⊔tstɛətsdɑᵥdzᵥ cʃнtɛlzɢ⊐cʃdʒcʃ dʒjнcʃɥcʃdɑᵥʃ⊐cʃdʒcʃ fɳstsвʰ jfɳjsəO∂ʒcʃ, cʃjcʃdʒᵥ dɑ∂ tʃtɛjнdɑᵥɢO∂dɑcʃ əfɳjslzʃcʃlsᴵ ə cʃ⊐ tɛᵂнʳ .

ʈ Ofɳʃtsdɑᵥ∂ɛO∪ʸ fɳ∂jнjdɑᵥʃʷdʒcʃ ts lstsdʒ ɥlsts ə ᵂᵂcʃdɑtsfɳtsᵂfɳ⊐tsdʒfɳO∂ɑtsdɑ∂ fɳstɛO⊐sdɑᵥʃ⊐O⌈ cʃнtɛɑts cʃ⌋jdzə∂jɥcʃʷ, ⌋tsdzвO⊐O⊐ tʃtɛcʃdɑᵥʃdʒO∂ʰ jɢtslzɥO⊐



ʃ qʔOqdzz tsʔʷʲls

ɪ tsdz ɻtsdz ʙOʔʙjʟ dzqʰ dzqʔʃtɐtəsɒtsdɒsuɻʕ fɳʃsʜjʔʔfɳʃəɒtsəʘɒdzəfɳʃstɐjuɻ ʃ jʃfɳɡʒjtɐʘqʃtɐjʟqfʜjɒdɒsʘ ʂ tstɐtsdɻəfɳʕtsʔ Gɤʘʜjɒdʒʃqʃ, ʷʲ qʃɒdɒsfɳʃsʷʲ ʘʃjʃtɐdzʘ.ɪ lzuɻɒdɒsdʒʃqʃtɐj r tstɐ>ʃ jʃtɐdzʘ(Leroy Georges, 1723ð 1789) ʙʳ dzqʃʟəjʃfɳʃjɒdzʕGɤ lzuɻɒdzqʃʕ ʂ tsdzʜqʃdʒʷʕʘ,ɻɒdzɻqʃʕɒdɒstʃjʜqfɳʃs, ʟOʸ qʃlsdzqʃʕ ɻjʃdʒəjuqfʷ, Gɒlststɛ tsʜdzɒsɡtɒs qʃʟ tʃjʃtɐɔʳ ⊐ tstʃʳ lstɒə fɳɐʘɔdzqʃlsjʃdʒɒsʔ tʃfɳqʃ⊐tsdzɒsGʃqʃ. ʃ jʃfɳɡʒjtɛuɻqʃlsʘɒdzjɡtɒs tsfɳqzɒsɔdʒ jtʃtɐtsqʃʟəjʜjɒdzqfʷ: çʀ fɳʃʳ lsʘɒdzʃjʕtɛqʃlsqʕtsɒʕɒdzqʃGɖqʃ ʜlz⊐ʘè (1760), çʈ ʘʟɒdʒʳʰ djɡɒdzqfʷ ts tɐjəɒdzɒsfɳʃsqʃè (1772), çʊtɛGʕlsʘɒlsts xɻqʃəɒtslsɒdʒ.⊐è (1781),ð qʃtsɒdzqʃəʳ ʟəʘɒdzqʃlzdjɡɒtsxɻqʃəɒtsʔqʃɒdzɒsjtɐjfɳ ɸʕGɤʜjɒdʒʃqʃʕ ʃjʃtɐdzʘ;tsuʘɒtsəʘɒdzɒʔ ʃjʃfɳɡʒjtɐtsɒdʒ əʟʷdzfɳʸtʃtɐjʜfɳʃsʘɔqʃlsᵘ dzʌtɛGfɳɡʒjslstɐjɒdzʃj Gɤʘʜjɒdʒʃqʃ əɒtsʃtɐtsfɳɒts xɻqʃəɒtslsɒdzʌsɒdʒɒʘɡɖdzjlsqʃʟɒdzj. ʃjʃfɳɡʒjtɛqʃdjɡtʃtɐjʜʃtsɒdzʘɡʘɒdz,uɻstsGɤʘʜjɒdʒʃqʕʃqʃʜʘəɒdzɒsəʟʷdzqʃʟʘ tʃtɛʘəqʃdzɒstsʙʲʷəɒdzʸlsᵘ dzjɒdzjtʃʳ dʒʃqʃʙtɐjʜɒdzʷdʒʃqʃəfɳj,uɻstsdzjɒdzʟʷlzʕəʘlsqʃlsᵘ tʃqʃɒdzɻjlstsɒdʒqʃəʳ əjʃfɳʃsqʃqʃʟ tʃtɛʘəqʃɒdzʘɒɛqʷʲdzjlsqʃʕqʃ,əʳ dzjlsʘʸ,lsGɤqʃdʒtsʙtɛʘʟtsɒdʒ əɒdzjfɳʃsjfɳʃɒjzjtɛqʃjɒdʒqʃdʒʘɒdzjʔʰ jjLjtɛdzʰʕts dzjtʃtsʟɒdzʘɒdzɒsɡtɒs.ʊtɒs,uɻstsdzjɒdzʟʷdʒʘlsjdʒʘlsqʃuɻfɳʕqʃtʃtɛtsʘɒdzʘɒdzqʃʟqʃtɛtsəʘlsᵘ,tsɒdzqʃə fɳɐtsjɒdʒəʳ fɳɐsʕtsɒdzjtɛɒqʃqʃ tʃtɛɒqʃʟɒdzəʘɒdzɒqʃtʃtɛɒqʃʟtɛʘuʘqʃdzɒdʒʘlsts,uɻjɡtɒsdzjɒdzʟʷtʃtsfɳʃsqʃɡɖdzɒlsᵘ tstɛɡʘɒdzʘɒdʒqʃuɻzəfɳʃsə,dzjɒlstsdzʕtsdzɒqʃuɻstsxɻdzɒdʒɒdzɒsqʃtʃtɛtsfɳʃstsdzjɒfɳʃzʰʲjʃfɳʃsəlzʳʰqʃdʒʂlsGɤqʃdʒtʃtɐjqfɳʃtsɒdzɖjɒdzɒdʒɒfɳʃʘʘɒdzɡsʜtsətsdzfɳʃsəʘ lzuɻdzɒdʒlzfɳʃstɐjdʒʃɒdzɳʷʃjʃfɳɡʒjtɛ. ʀətslsʜtsɒdzɡtsxɻʜʘɒdzɒsjfɳʃsʙtɛʘɒdzɒʃjGɤʘʜjɒdʒʃqʃ.ʃjʃfɳɡʒjtɛfɳətsɒdzɖjɒdzʃjdʒtsxɻqʃʜʘjlsdʒʃqʃɒdzlsʳ,ʕtsɡʜʘʃjʃtɐdzʘ dzʌuɖjlstɐjuɻ.ɭtsuɻstsɻlstsʔʃjʃtɐdzʘʜtsʕɒdzʘʜʳəʘjls,dzɒsGɤʘʜjɒdʒʃqʕjɡtsdzɖjɒfɳɡzʰ Oʸ ls.ʃ ʜdzɒqʃ(ʈtsʕjɒdzstɛ, ɻlzʘɻjɒdzʘɒdzɒqʃdzɖjɒfɳʃtɐjdʒʃɒdzɒʔfɳjʕtɐjlsʘɒɛʃ Gɒɒdʒsɒdzjdz)ɡtɒstsdʒʕtsfɳɡzjɻʁlsfɳʸ,tʃjtɐjɡtɒəʘɒɛqəʘʸlsfɳʸ,ʜtɒdzɡqʃj (ʌdzstɛqʃʘɒdzɒ⌈'ɸdzʘɒdʒɒjtɛ)ʜjɒdʒtsɒdzfɳʃstɛʘlsqəɒdzɒəʘ⊐tsʜʷlsqʃəʳ⊐tsʜʷlsqʃʟlʘɒdzʘ⌈tsʕɒdzʘʜuqʕʃtʃtɛɒqʃʟʳ əʘjlsʕ tʃtstɛʷʜʕlz,tʃtɐjtɛʳ əʘjlstɐjuʈ,əʳ xɻqʃʜʘjlsð dzʌuɻɡtsdzjɒtʃtsdʒtsɡʘjls.ɪʘɒdzʃtsfɳʃsjtʃjɒdzɒsGtʃtsfɳʃsjjls,ʘ tstʃtsʟʜʘɒʰqʃj,ʟʘfɳʃzʰʘɒ,tsuɻjɒdʒɡtsətstɛqʃlststɛʘlststɛ,lslzlsxɻj fɳʃstɐjɒdʒqʃlsjɒdzɒsGtʃtsʕqʃʜʘʸlsʟʘɒdz∫fɳʃsʘɒdzsfɳ djɡfɳʃtsdzʕtsuɻdzɒəjʕ.ɭjʕtslststɛjʜtɐjɒdʒʃzʰls,ʜtɒdzɡqʃjdzʘɒtsuqʃlstsɡtɛtsɒdʒʕtsʘʟɡtsəʘɒɛqəʘʸlsqʃtslsʃʃlzfɳʃʘʸls ʰlzlstsuʕqʃ.ʃjʃtɐdzʘ,əʳ⊐tsʜjɻqʃʟʜtɐjəɒdjɡtsʘɒɛqʃfɳʃstsʕtɛʘlsqʃuɻfɳʃtsɡtstɒtsʜʘ,fɳɖqʃʰ ʕtsɒdʒ⊐tstɒtsʰ ts ətsfɳʃqʃlsʘɒdz, uɻstsʙʳ tsʜjtɐdzzlsᵘ əqʃdzɒəɒdzɒʕtsəlsGɤtsɡtsdjɒlzəʘɻjɒdzɒʷ.ɭqʃʜʷ,uɻstsʜtsʕɒdzʘʜuqʕdjɒfɳʃsʙtɛʘɒjlsfɳʸ ʟGɤʘɒdzuqəʘlsᵘ,Gɤʘʜjɒdʒʃqʕʃtʃtslstɐjʙtsəʘɒdzɒfɳʜjɒdzʘlsᵘ tʃjtɐjtɛʳ ə.ʜʘɒdʒsdzʙɒqʃjʃfɳɡʒjtɛʘɒlzʷʟəjɒdzɒs,tsdzʌtʃtɛtsfɳʃqʃlstɛʘfɳʃsjtɛʷdzɒsɡtsɡ-dzʘ∫jtɐdzʘtʃjtɐjdjɒfɳʃsɒfɳʃsʙtɛʘɒdzɒqʃjʜtsɻʜʘlsᵘ fɳʸ ʜtɐdzɡtsɡts,dzuʰ jɡtsfɳɖzuʘʸ. ɭuɻdzɒsdʒʜjʙᵍ lstʃtɐtsəʘɒdzɒqʃdzɳʸ,dzɒsdjɒfɳʕtsdzʕtsuɻdjɒdzɒsəGɤʘʜjɒdʒʃqʃ,ʟOɒqʃdzɒsjtɐjfɳʃsəʘɔʰ cʃfɳʃtsʃʳ lsʘɒdʒɒqʃ, tʃtsʃtɛtsfɳʃqʃdzɒqʃtʃtɐjʜfɳʃsʘɔqʃlsᵘ

∫ ɑ[¬Oɑ[ɑzz¸ ts?ʷ ʷ¸ j ls

ʟOɦɳɑlzɢ. ɻ tsɑ⁂ɑ[ɑʒO ʸ ɻ lsts, ∫ ¸ fɳɑʒj tɕ ɑʒz ɻɑ[lsj ɑz ɑzs ɑ[fɳ§Oɑzɑ•ɕɑ⁂lzɑɑʒj ɑzs ʳ , ʜtsʕ§O·Lʳ ɘO ʰ ɦ ɑ[j , ɻ¸lsts tsɑz⁂ɑ[ɑʒj ¸ ls tʃtɕ•ɘts ɑzO·tʃtɕɑ[ʟɑzO•ɑzɑ[¸ fɳptsɑ[¬ ɑ[ɑzsfɳjstɕ•Oɑzɑz. ¬ §tsɑzɑj ɢ.

ʏ lsts ʙʳ tʃtsɑz ʷlsᵘ , ɑʒsɢ ɑzɑ[∫ ¸ fɳɑʒj tɕ ʙʳ lsᵘ tʃtɕɑ[ʟɑzO•ɑzɢ§O•ɦ¸ ɑʒɑ[¸ ?, lsj ɑʒ ʙtsɑj ¸ fɳjsOlsᵘ ¸ j ɻɑ[j ɑzsɑʒ ɑzO•Hts ʟɑzɢlsᵘ , §Gʕɑ[¸ ɘ ɑj ? ɻO•ɕɑ[ɑz[ɑzɕ•ɘʳ . ɻ tsfɳɑ[j ʲ lstsɢts ɑʒʳ , ʙʳ lsᵘ ɑʒsʏ ¸ j ls, ɑzɻʰ ¸ tʃts?ɑʒj ɑʒ tʃtɕɑ[ɻɑ[ɑz ʷ ɑ[Oɦ§ts ∫ ¸ fɳɑʒj tɕ•Oɘ ¸ j ¸ fɳjsj ɑz¬.

ɪ O•ɑtsɑz⁂∫ tsɑzsj fɳ§ʲ ¸ , ʁ tɕɑ[fɳjs, ʷ ʷ ɑ[ɑzsfɳtsʷ , tʃɑ[fɳ§O•sj ɑz , ɘ ç ɻ ¸ tɕfɳɑ[ʜfɳ§ɑ[¬ tʃɑ[fɳ ɑʒ§O¬è (1721) tʃts§O·Lʳ ɘO•ɑ[ls ʜlz¬ lstsɢʜO ʰ ɑj ? O§O•ɦ¸ ɑʒɑ[ɑ[, tslstsɕɘ•ɑzɑzs? tsls tʃtɕ•O§lsɑ[ɻɑ[¸ fɳ§ts? ʏ ɑ[ʟɑzɑ[ɑ[§tsɑz⁂tɕ¸ lsɑz⁂ ¬ tʃtslstɕ¸ ʙ ɑzsfɳjs¸ ? tsʙʰ ¸ fɳjsɘO ç§ tsɑʒz ɑzzʏ ɑz , fɳtʃtɕO ʰ ɑ[ɘO•¸ ls¸ ɑ[§O•ɑʒʜtɕ¸ ɑz ¸ §ɑzɑ[ɢɑ[, ɘ §tslstsɕʳ ¬ ɑ[fɳɦɳɑj ʜlzᵍ lsfɳʸ ɘfɳʸ§ɑ[¸ ɘʳ fɳts§ɑ[¸ ɑʒ•ɑ[sj tɕɑ[ɑ[ɑ[tʃtsɑzɑzsfɳjsᵘ ᵍ ɑ[ɢɑzstɕɑ[tɑzᵍ lsfɳʸ ʷ O§ls ʳ ? ∫ fɳtsʙ¸ ɑzɑzs lzʜɑ[ɘɑ[ɑz•¸ ɑ[§O•ɑzɑ•ɢɑzsfɳjsᵘ , fɳ §tslstsɕtsʔ §O§ts?-lsts fɳtʃ¸ fɳɑ[ʳ ? lz¸ j ɑz ? tsʜɑzɑ[ʒ ɑʒ¬tsʒ tɕ¸ ʰ ɑ[ɑzlstɕɑ[ɘtsʃtɕtsfɳ•Oɑʒstɕ•Oɑzɑ[, ¸ j ls ʳ tɕ¸ ɑ[fɳjstɕɑ[¸ j fɳ§ɑ[¸ j tʃtɕtsʙɑzj ɑʒ ɑ[tʃʷlsᵘ ʷ ʷ ɑ[ʟɑ[¸ j fɳ§ɑ[¬ ʟOʜO•¸ è.

ɸ tɕ¬ɑ[ɘʳ O§O•ɦ¸ ɑʒɑ[ɑ[lz§O•Lʳ ɘO ʰ ls ɑz•Olstsls ʷ ʷ O§ls, ɻ¸lsts ʜO•ɻ ¸ tʃts tʃtɕtsʰ ¸ fɳjsɘɑ[ɑ[fɳjsO•ɑzj ls fɳɑʒtsɑʒj ɑzsO tsʙtɕ•Oᵍ ¸ ɑzɑ[ʷ ∫ ¸ fɳɑʒj tɕ•Oɘ ʲ lstsɑʒlz¸ ɻtɕ¸ ɻ ʜ¸ j ɑzɑ[ɑ[ɑzɕ•lz§ɑ[ɑ[§lzɑzlslzt⁂ ɘ tʃtsʜ¬tsʜ¸ §ɑ[ɑzɑzsɘO•ɻɑ[ʷɑʒ tʃtɕɑ[ɑzɻɑ[tʃɑ[O•ɑzɑzs ɑzsɑz⁂ɻ¸ ɑ[ɑ[ʟɑ[§ɑ[ɾ ʁ ɑʒsɑzɑj¸ ɑz tʃtɕ¸ ʜfɳjsO•ɘɑ[ɑzO§O•ɦ¸ ɑʒɑ[ɑ[ʷ ʷ tsɑzsɢtɕ•O ʷ §ʜɑ[fɳjsɑzɕ• ş tsɢʜ•O•Oʃtʃ•O•tɕ•Oɑs ɘtsfɳtʃtɕtsɑ[ʟɘ¸ ɑz ʷ tɕ•Oʳ , ʟ•O§ɑ[fɳ•Oɑzɑz¸ j ɑzɕ• ¸ ɢts ɻɑ[ɑzɑ[ɑz⁂tɕ¸ , ɘʜtɑzɢ tsʜɑ[ɑzɑ[ʟ O§O•ɦ¸ ɑʒɑ[§tsɘ lzfɳjstɕ¸ ɑʒɑ[ɑzfɳʸ §ʃtɕ¸ ʜfɳjsO•ɘɑ[ls¸ ɑz §ʜɑ[fɳjsɑzɕ•ɑ[, fɳ¬ɘ•Oɑs ɑ[ɘ ¸ ɢts ʟO•ɢtstɕɑzts, ɘtsfɳ§ɑzɑ[§ɑzɑzɑz ç\ ¸ fɳɻ•ɑ[fɳjsɑz¸ ? , ɑʒʳ ɑj ʜO•ʜɑ[ɑʒtsʜlzt•Oɻɑ[ls ʷ fɳj ʙʷ §O§tsɑzj z-lsts ɻtɕ¸ ɘtsɘ¸ ʰ O•ls¸ ɑz !è §lsɑ[ɑʒO§O•ɦ¸ ɑʒɑ[§tsɑʒ ʙʳ ɑz¸ lzɑz ts, O•ɑ[fɳjststɕɑ[ʷ tʃtɕtsɑ[fɳ¬tsʜɑ[ɑzO11 ɑʒ•Oɑs•O1878 ɢtsʜO•∫ ʁ ʙtsʃʳ lsɑj¸ ɘfɳj ɢts, ɻ¸lsts ʜO•ɻ ¸ ɻ¸ tɕ¸ ʟ ʰ ¸ fɳjsᵘ ɑʒ¸ fʸ ɻ¸ ɘ, lsts ¸ fɳjsᵘ 30 fɳj ɑzsʷ ʙtɕʷ , ɑz•lsO§tsɑʒ ʏ ¸ j ʟ•Oɳj ʜ•Oɑzɑ[ɑ[tsɑz⁂tʃtsʜlsɘ¸ tɕ•ʜɑ[ɑz, ɻ¸lsts ɑ[tʃts ʟtɕ¸ ɑzsɑʒtɕ•Oɑʒʳ ʰ ɑj ɑz⁂ɑ[ɑ[tʃts-tʃtɕ¸ ʏ ɑj ɑʒz ɑj ɑz§¬tsʜɑ[ls ʟʜ¸ fɳ ɑz⁂ɻ¸ ɢts, §tɕtsɑʒ¸ ɻtɕ¸ ɘtsɘ¸ ʰ O•ɑz⁂ɑ[ʷ.

ʌ tsɑzsɑtɕ•Oʷ , tʃts ¸ ɢts ɑʒɑj ɑz⁂ᵍ , ɑz⁂ʰ ɪ O§lzfɳjsɑ[ɻ¸ fɳ§O•ʸ ɑ[ɑzlz ʟɑ[ʷ . ʜ ¸ tɕʲ ¸ ʟɑzɕ• ɑʒ§ɑ[tsʙʲ ʷ fɳɑj ɑz⁂ɑ[ʷɑʒ§ɑ[tsɑzɕfɳ¸ ʙʷ ɑj ʜlstɑzʏ ʜO•ɑz ç\ ¸ ɑzɕ ʟʷ ʏ ¸ ʜtsʃlzfɳjsɑ[ls ʲ ,ð ɢtsɘtstɕɑ[ɑzɪ lzɑz ts,ð ɻ¸lstsʙʳ ɑz⁂ʟ§ɑ[? ɑʒ¸ lsO•ɑzɑzɑʒsɢ ʟO•ɑj ɑz⁂ɑ[ls ʙɑz•Oɢtstɘtsʜɑzɕ ? O§ʃtʃO•ɕO•ls ɻ¸ ɑzsɘ¸ ɻ¸ fɳ§ts? tɕ¸ ɻɑ[è*.

ʌ tɕ•Oɑz⁂¸ lzʟlfɳ§ɑ[¸ j O§O•ɦ¸ ɑʒɑ[§ɑ[§ɑ[ɻɑ[ɑzɑ[fɳ fɳɘtsj ? ɘʳ fɳts§ts? ɑʒstɕ•Oɑzʸ . ʀ lɘ¸ j fɳjsɑzs ɑʒɑzsʏ ¸ j fɳjsɘts ʷ ʷ O§lstsɘ, §tsɑʒʃtɕtsɑʒ¸ lsɑ[tɑzᵍ ɦ ɑ[¬ ɑʒɑzs-

* Comhted rendus de l'Academie des sciences, 1878, II, p. 475. Nature, 1878, II, p. 383.

[illegible] 1789—1794 гг., [illegible] 1785 [illegible]

[illegible] (1754—1838), [illegible] (1784—1795) [illegible]

[illegible] (1624—1692), [illegible] XIV, [illegible]

* Memoires de l'Academie de medecine, t. XX.

** [illegible] 20 [illegible] 1790 [illegible] (ls. II, fn 255) [illegible]

ɑzsɢɑzɢfɳɑzsɑʒɑʃʟʙtɑOɑzɑʃɑ ə ʯɑʃfɳɑʒɨʰ Oɑtsə əfɳjɢʜOʧtɑʃfɳɣlsfɳjə tsəOɑztsʜɑʃɑzɑʯjɨtɑɑzʑ ʔ. ʂ lsts ʙʳ ɑzOəɑlststɕ, ʜtsɑzɢts tsfɳjsOəOɑztsfɳ lsOʔɑztsʔ. ʂ tsɢʰOɔlsOʔɑzɢOtslsʕtɕʳ ɑzɢfɳ, lz ʃ jˌʟjˌtɑj fɳʧtɑtsfɳgʃɑzɑʃ: ÇʏlstsəOɢfɳʧtsʙlzɣʜOˌjˌls ʕɑzɢfɳjᵍ ʯɨtɑɑzʷʕɑʃ ʕOɑzʜɑʃʜOɔlsOɑzʒ ʕtsɢʰOəfɳʸ OʕOʜjˌɑʒʃʷ jˌɢts ʃʟʙʃɑtɑOˌjˌls jˌʜʃɑzɑsɢɑzɢfɳɑzs?è ÇlˌOʜtsɣjˌ tsfɳjsOəʃʟsᵍ ʧtslstsɑʒfɳjsəlz ʕOʕtsj-ɑzɑʃʙlzʜᵍ ʜtsʕOLOsjˌɑzˑ fɳjsəts, ʯɨstsə ɑzOʰ jˌ ətɑjˌɑʒʷ əʳ ʙtstɕʳ ə OʕOʜjˌɑʒʃʕʃɑʃ ʙʳ ɑzʃ fɳjsəjˌtɕʰ jˌɑzɑzs fɳgtsʙtsʜɑzˑ jˌè,ð tslsəjˌlsʃɑzʃ jˌʟjˌtɑj, ɑzOɑzjʕOʸ ɑzOɑʒɑsɢɑ⊐ OʕOʜjˌɑʒʃʕtsə, ʧtɕʃɑzʷlsʳ ⊐ ʧts ʧtɕʃʕOLz fɳgʳ ʰ jˌ.

ʜɑzʯOʔ fɳʂ tstɑɑɡjɑzjɑʒ ʕtsɢʰOOʕOʜjˌɑʒʃʷ, ɑʒʷɢʕts əʳ tɕOʸʃʸfɳ, tsʕOLOɑzɢfɳ ɑzɡʜOɑzˑ ɑzsəɑʃʜɑzsʔ, tɕOfɳʕtɑʃlsɑʃʕtsəOə jˌɢts çʜɑʃʜOè, ɑzɡ jˌʜɑʃɑzfɳsəjˌɑzɑzˑ ʔ. ʊOʕ, ɑzOʧtɑʃɑʒjˌtɕ, ɸɑzɢɑzɑʃʔfɳʕOʸ OʕOʜjˌɑʒʃʷ tslsəjˌtɑɢɑzO ɢtɑtsɑʒstslsətsʜ ʌtɑOɑzʕɑzɑʃɑzOɑʃ ɑzɡ fɳjsʯɑzOʜOʸjˌ ətsLɑʒsʸʃ ɑzˑ ɑʒɑzOʧjˌʯOlsOlˢ ts ɑzɡɑʒfɳjstsʙʰ jˌɑzɑʃjˌ lzʯjˌɑzsɢts ə fɳgtsɑ⊐ tslsʯjˌlsOT. ʌ tɕOɑzʕɑzɑʃɑzɑʃɑzsjˌtɑj fɳjsəOɑzfɳʷ ʧtɕʃɑtɑtsʜtsʔ ɑʒtsɑzɑzɑʃɑ, fɳjsOəɑʃɑzˑʕfɳʧjˌtɕʃɑʒjˌɑzsʳ ɑʃ, ʧtɕjˌʜʯlzəfɳjsəlzʷ tstʃOfɳɑzsfɳjsᵍ , ʕtslststɑzᵏ tsɑzOɑʒtsʸjˌls ʧtɕʃɑɡɡfɳjsɑʃ, ʕtɕjˌʜɑzsʸɑʃɑzlzɑzsʔfɳjsəts ð ɢtɑtsɑʒstslsətsʜ. ʯɢtsʧtɕjˌʜɑzsʸjˌɑzɑʃjˌ əʳ LəOɑzs fɳʕjˌʧfɳɑʧfɳ

Ɪ fɳʧtsɑʒɑʃɑzOʸ lsjˌ⊐, ʕtsɑʒz tslsʕOLOɑzOɢʕOʜjˌɑʒʃʷ ə ʧtɑʃʟɑzɑOɑzɑʃɑʃ LOfɳɑʒzɢ, ɑzOʜts fɳʕOLOsᵍ ts ʯ tsʙjˌtɑsjˌ ʌ lzɑzstsɑzɡ, ʧtɑtsjˌʕls ʕtslststɑtsɢts ts ʧtɕʃɑʃɑzjˌɑzɡɑzɑʃɑʃ ʧOɑɕOə fɳʒʜtsʊtsʜfɳjsəjˌ tɕOfɳɑʧɑʒOstɑʃəOɑzfɳʸ ʧts ʧtstɑzʯɨɑzɑʃᵏ ʅ OʧtsɑzɡjˌtsɑzO ə ɪ Oɑɕʃɑʸɨfɳʕtsʔ OʕOʜjˌɑʒʃʷɑʃ. ʂ tɑtsɑzjˌ lstsɢts, ʌ lzɑzstsɑzʧtɕʃɑʜlzɑʒOɑzʧtsʜətsʜɑzsjˌ fɳʒʜɑzs ɑʃ lststɑʃjˌʜlz. ʌ lzɑzstsɑzO fɳjsʯɑzɑʃ LOɨtɑjˌLtsɑzɡjˌtɕO, OʧɑzOɑzjˌɢts ɑzOtsfɳɑzsəOɑzɑʃɑʃ ɑʒOsjˌɑʒOsɑʃʯjˌfɳʕɑʃ⊐ tɕOfɳʯjˌlstsə ʙʳ ɑzʧtɕʃɑLɑzOɑzjˌ ɑzɡɡjˌɑʧtɕʃɑʃɑzɑʃ fɳʕjˌʧfɳsʰ ʁ . ʊ fɳjsOə ʙtstɑtslsʰ fɳʸ, ɑʃLtsʙtɨjˌlsOsjˌɑzˑ ʧtsʕɑʃɑzɑzɑʌ tɕOɑzɑʯɑʃᵏ , ɑʃ ʯɨtɨjˌL ʯɨjˌlsʳ tɨjˌ ɢtsʜO, ə 1807 ɢtsʜlz, jˌɢts ʧOɑtsʔ⊐tsʜ çʂ ɑzɡjˌtɕ-ɑʒsɑzsèə ʳ ʰ jˌɑzɑzOtɨjˌʔʜ ʅ ʁ -ʁ tstɕʕO 24 ʷʲjˌətɕOɑzʷ 1815 ɢtsʜOʸjˌfɳjstsʕOʸ ʧtɑtsfɳjslzʜOfɳəjˌɑzOɢjˌɑzɑʃOɑzˑ ɑzsɢts ɑʒʔ⊐Oɑzɑʃʕtsə ɑʒtsɢɑʃɑzˑ. ʂ tsɑzɑtɨjˌfɳfɳʰ lsOlsOʅ ʁ -ʁ tstɕʕ ʧtsʯlsɑʃɑzʧOɑʒʷlsᵍ ɑʃLtsʙtɨjˌlsOsjˌɑzʷ lstɕOztɑtsɑʒ

ɸ ɑzɢɑzɑʔfɳʕɑʃʔ ətɕOʯlˌjˌɑzɑɕɑʃˌɑʃʕɑʒjˌɑzʧtɨjˌʜɑzsʸɑʃɑzɑzɑʃfɳʧtsɑzˑ LtsəOlsᵍ LOʕɑʃfɳ OˌtslsOə ʕOʯjˌfɳjsəjˌ OɑzɡjˌfɳsjˌLɑʃɑzᵏ ʰ jˌɢts fɳɨjˌʜfɳjsəOˌʅ ts ʧtɨjˌʜɑzsʸjˌɑzɑʃᵏ ʕtstɑtsɑzʷ ʂ OɑɕɑzˑX ʌ tɕOɑzʯlzLfɳʕOʸ OʕOʜjˌɑʒʃʷ tslsəjˌtɕɢɑzOᵘ lsts fɳɨjˌʜfɳjsəts, fɳfɳ ɑzOʸfɳ ɑzOətɨjˌʜɑzsfɳjsᵍ əjˌfɳjɑzʷʰ jˌɢts ɢOLO, ʯɨjˌɑʒɑzOətɨjˌɑʒʷ LOʜjˌtɕʸ OɑzOᵘ lsts tɨjˌətsɑzˑ ʯɑʃstɑzʯjˌ tslsʕtɕʳ lsɑʃjˌ. ʊOʸjˌ OʕOʜjˌɑʒʃʷ tslsəjˌtɕɢɑzOʧtɨjˌʜɑzsʸjˌɑzɑʃjˌəʳ ʜOʸ ʰ jˌɢtsfɳʷ ʷ ɑʃLɑʃʕO ʃ tsɑʒʃɑzɑʃʕOɸtɕOɢts tsʙ lzfɳjstɑtsʔfɳjsəjˌᵘɑzjˌʕlstɑʃʯjˌfɳʕtsɢtslsjˌɑzjˌɢtɕOʷO ʅ ts ɑʃᵘlsts jˌʰ jˌ ɑzɡ əfɳʸ fɳʧjˌʯɑʃʷɑʃʕOʯɑʃʷ. ʀ ləjˌfɳjsɑʃjˌ ts ʧtɑtsɑʃfɳʰ jˌʜʰ jˌɑʒə 1790 ɢtsʜlz ɑʒjˌlsjˌtstɕʃlsɑzɑsɑʒʜtsɣʜjˌ ʙʳ ɑzɑts ʧtɕʃɑʃɑzʷlsts ɪ jˌtɑlstsɑzɑzjˌɑzɑsɑʒ ɸtɕOɢtsɑʃ ɑʃ ʃ OʧɑzɑʃɑzɑʒLOɑzjˌɑzjˌʧlzᵍ ʰ lzlsʕlz, ʃ Oəlzɔlˌjˌəʳ fɳʕOLOɑzʜOɣjˌ ʧtsʜtsLtɨjˌɑzɑʃjˌ, ʯlstsʕOɑʒɑzɑʃ ʙʳ ɑzɑʃ ɑzOɢtɨjˌlsʳ ɑʃfɳʕlzfɳjsəjˌɑzɑzɑts.

* Revue medicale de l'Est, 1881.

ϕʕOʜɻdʒʃqɔfɲɻɢʜOʙʳ dɯʃ⊐tɶOɑɯʃlsɻdzʷdʒʃ fɲɑɯsʏqɕəʰ q⊐fɲʸ lstɶOʜqʃɥʔ, lstsɥɑɯɻɻ, fɲɯstɶOʏqOɑʒʃ ʜtsɢɑʒ ʃ ʜdɯʕʔts lzdʒɻʜOɑɯʃɻɻfɲɯˢ qʃ ʜtɶzɢOʷ fɲɯstɶtsdɯʕO ʅɻɻdzʟʷ dɯɻ dɯOʟəOɯˢ qʃqɑdzɻ ɻ tʃtɶqʃɥɑʃqɑdzɻ tʃtɶɻʜlzʙɻʏqɻʜɻdɯʃʷ ʌtɶOɑɯɻlzʟfɲʕʔts? GʕOʜɻdʒʃqɔ tslsɑɯsʰ ɻdɯʃqɑɯsəOɥqʔ. ⌈ɻdɯs ə lstsdʒ ɥlsts dɯOtʃtɶslsʷʏqɻdɯʃqɔɻʕtsə tɶOɯdzɻ ɻɥlzʜGʕqʃ tsʙtɶOʰ Oɑɯʃfɲ fɲtʃtɶɻʜdɯsʏqɻdɯʃʷdʒʃ tɶGfɲɥɑʒslstɶɻlsˢ lsGʕqɻ qʃLtsʙtɶɻlsɻdɯʃʷ, ʕGʕ, dɯOtʃtɶʃqɔɻtɶ, ˩dɯʃʕfɲɥtɶəɻɥɑɯs? dʒsɑɯsʜtsfɲlsʃ, qʃdɯʃ tʃtɶɻʜdɯOɑOɯʃ dʒɻlstsʜ tʃtsdlzɥɻdɯʃʷ LtsɑɯslsOʃqɑdɯʃ... ʀ L dʒɑɯsʏqɻɻfɲlsəO Oʙfɲlzɶɑʜdz ⊐ tʃtɶɻʜdɯsʏqɻdɯʃʔ, ʕGʕqɻɻ tʃtɶʃ⊐tsʜʃqɑdɯsfɲ tɶGfɲɥɑʒOslɶɑʃəOlsˢ GʕOʜɻdʒʃʕOɑʒ tʃtɶʃəɻɥɻdʒtsʜdɯz tʃtɶʃqɔɻɥOslɻdz dɯzᵍ qʃfɲlstslɶʃᵏ .

ϕʕOʜɻdʒʃʕɹɻtɶdɯOɑɶʜɻ ʌtsdɯslɻdɯɻdz ə çʀ fɲlstslɶʃqʃ tslɶGʕlzdɯsəè (1687 ɢ.), ɢʜɻ tsdzʃtsʜəɻtɶɢʕtɶʃlsʃʕɻ fɲlyɻəɻtɶʃɻ qʃ ʷʷOɑɯOlsʃʟdʒ fɲfɲ dɯOɻlsfʷ dɯOəɻfɲ dʒOtʃtsʕOLOlsɻdz dz ʔ fɲɯdzɥOʔ. ⌋ 1593 ɢtsʜlz tɶOLdɻɻfɲfʷ fɲɯdz⊐, ɥlsts ə ʜqʃdɻɻLqʃqʃ lz tɶɻʙɻdʕOtʃtɶʃ fɲɯʒɻɻ dʒsɑɯsɥdzˢ ⊐ LlzʙtsədɯOdʒɻfɲlsɻʕstɶɻdɯɑɯsɢtsəʳ tɶtsfɲʟtsɑɯslstsʔ Llzʙèɻtɶtsʷɻfɲlstɕdʒɻʜqʃɥqʃdzˢ ɻɻdzdʒʰ lsOʜlsfʕtsɢtslzdɯɻəɻtɶfɲʃlsɻlsO.ɥtstɶfɲlsqʃlzfɲfɲtsʙtɶOlztsʙ ˩lstsdʒʜɻdɻɻdʒOlsɻtɶʃqʃOlzˢ qʃdɯOʃqʃfɲOlzɻʰ ɻ tsʜqʃdzlstɶOʕlsOls, OʜəOɢtsʜOfɲʃlzfɲlsʷ lzɥɻdzˢ ʔ ʀ dɯɢtsdz fɲlsɻtɶzfɲtsʃʃlzʙdɯʃʕtsəOlzfɲɒtsqʃ dɯOʙdzˢ ʜɻdɯɑʃqʃʷ, tʃtɶɻslsqɔtstɶɻɥɥʃ qʃɻ ʜəlzdʒtʃtɶɻʜʳ ʜlzʰ qʃdʒ ʂ tsɢʜOdʒdɻɻdɯɑʃqʃʷ tɶOLʜɻdɯʃqʃdɯʃfɲ, tʃtɶtsʙdɻɻdʒzəLʷdzfɲʸ tɶOLtɶɻʰ qʃlsˢ əɻdɯʃʕqʔ dɻɻdʒɻɥʕqʔ ⊐qʃdʒʃʕ qɔtɶOɥɻϕ dɯʜtɶɻOfɲʃ qʃʙOəqʔ (ʃ qʃʙOəqʃlzfɲ), tʃtɶɻʜfɲlsOəqʃlsɻdzˢ ʷlstɶtsʕ⊐qʃdʒʃqʃ, Oəlststɕ LdɑOdʒɻdɯʃlstsʔ çϕ dzʕqʃdʒʃqʃè, tʃɻɻtɶəʳ dʒədɻɻʜtɶqəʰ qʃʔ lsɻtɶdʒʃqʃdz çOdzʕtsɢtsdzè. ʜtsʙtɶOəəɔfɲɻ, ɥlstsʙʳ dɯs dɑOʃqʃfɲOdɯs ts LtsdɯslstsdʒLlzʙɻ, tsdzʃtɶqʃfɲlsɻʜqʃdɑʃqʃdzʕ dʒdɯsɢtsɥqʃfɲdɻzdɑdzˢ dʒlstsdʒOdʒfətsɻ Oəlststɶqʃlsɻlsdɯsɻ dʒdɻɻdɑʃqɻɻ. ɻ ɻʜtsfɲlsOəOdɯs dʒOdɯsfɲlsqʃ: ɥlstsʙʳ lzʃtsdʒʷdɑzlsʳ ʔ Llzʙʜɻʔfɲlsəqʃlsɻdzˢ dɯs ʙʳ dzLtsdɯslsʳ dʒ ʃ ʙʰ qʃtɶdzˢ ɻ qʃ tʃtɶtslsqɔtstɶɻɥɥəʳ ɻ qʃfɲɲdɻɻʜtsəOdɑʃʷ LdɑOdʒɻdɑʃqʃlsʳ ⊐ lzɥɻdzˢ ⊐ tʃtɶqəɻdɑʃʕ lstsdʒz, ɥlsts ʕʜɻdɑzˢ tʃtɶqədɻɻʕdɑʃqʃᵏ əɻdɑʃqʃtɶO LdɑOʰ ʃ ɻɢts lstsdɑ ə Ltsdɯslsʳ ⊐ qʃLʜɻdɑʃʷ⊐. ʇ Ofɲɲdʒtslstɶɻə LlzʙèɻʕʕfɲʃɻtɶdsLOʏəqʃdzˢ ɥlsts dɯOtʃtsəɻtɶ⊐dɯsfɲlsqʃ LlzʙOtsɥɻdzˢ qʃfɲʕlzfɲɑtsˢ tʃtɶqʕtɶɻtʃdɻɻdɯOˢ tʃdɑOfɲlsqʃdɑOqʃL LtsdɯslsO ʊGʕᵍ əɻdɑʃqʃtɕtʃtɶɻətɶOlsqʃdzəˢ dʒGʕlzdɑOlszɑtɶz lstsdʒOlzɥɻdzˢ ⊐ LOʃqʃfɲʃʕ. ʀ fɲlstslɶʃʷ tʃtɶtsʰ dɯsɢts qʃ dɑOfɲlstsʷʰ ɻɢts GʕOʜɻdʒʃqʃ LdɑOɻls dɻɻ tsʜqʃdzlsGʕtsʔ çLtsdɯslstsʔ Llzʙèɻʃtɶɻlzdzˢ lsOlsɻ tsfɲOʜʳ GʕOʜɻdʒʃqʃ qʃLtsʙtɶɻlsɻdzʷdʒʃ çəɻɥɑɯsɢts ʜəqʃɢOlsɻdzʷè tʃOɑɯʃʏfɲʃqɻɻ GʕOʜɻdʒʃʕqʃ qʃʕ qʃLtsʙtɶɻlsɻdɑʃᵍ ʃ ɻfɲʃɻtɶOtslsdɻɻfɲɯʃfɲ fɲqʃdɑəqʃLqʃlststɶfɲʕtsʔ dɻɻlsɻtɶʃqʃdʒsfɲlsˢᵍ .

ʂ tstɕtsdʑ ɘfɱ§tsʝ dʒʝ ʜɕʃʮɕʃdʑfɱ§tsʝ tsʙʰ ʝ fɱsɘts ɘtɕʘʮʝ ʔ

ɺ ts ʌ tɕʘdʑɻɕʃɕʃ XVIII ɘʝ ʕʘɢtsfɱʃtsʜfɱsɘtsɘʘdʑ lzʙʝ ʞ ʜʝ dʑɕʃʝ , ʮlsts dʒʝ ʜɕʃʮɕʃdʑʘð dʑʘɕʃʙtsdʑʝ ʝ tslsfɱsʘdʑʘʸ dʑʘlzʕʘɕʃ dʑʑʞ ʜʘʝ lsfɱʸ ɘ tɕʝʰ ɕʃlsʝ dʑ dʑtsdʒtsʙdʑtsɘdʑʝ dʑɕʃɕʃ. ɺ tsʕtɕdʑɢ ɢtsɘtstɕɕʃdʑɕʃ, ʮlsts fɱdʑɕʃʰ ʕtsdʒdʒdʑtsɢts ʘʜɘtsʕʘlstsɘ, ʧɕʃfɱʘlsʝ dʑʝ ʔ, ʬɕʃdʑtsfɱsʬtsɘ, lstsɢʜʘʕʘʕ dʑʘfɱlstsʷʱ ɕʃ〓 ɘtɕʘʮʝ ʔ dʑʝ ls. ɼ dʑʸ ʧtsʜʕtɕʝ ʧɕʃdʑʝ dʑɕʃʷ ʵ lstsʔ dʒ fɱdʑɕʃ tsʙtɕʘlsɕʃdʒfɱʸ ʕ ʟdʑʘdʒʝ dʑɕʃlstsdʑz ʧʘdʒʷ lsdʑɕʃʕlz dʑtɕʘtsɘ ɕʃ 〓tsʜʷ ʮɕʃ〓 lzʙʝ ʞ ʜʝ dʑɕʃʔ

ʧtɕʝ ʜtɕʝ ɘtsdʑ ʮɕʃtsdʑdʑtsʔ ʌ tɕʘdʑɻɕʃɕʃ, ʕ çʂ ʘtɕlsɕʃdʑʘdʒɟ ʘtɕɕʃʞ ʘè (1781) ʆ ʝ tɕfɱʝ *. ɺ tsls ʮlsts lsʘdʒɢtsɘtstɕɕʃlsfɱʸ: çʆ ʝ ʜɕʃʮɕʃdʑʘʧtɕʝ ʜfɱsʘɘdʑʸʝ ls fɱsʙtsʶ fɱʘdʒdʑʶ tslsfɱsʘdʑʶ dʑʘlzʕlz ɕʃ ɘ fɱɕʃdʑ ʵ lstsɢts ʙtsdʑʝ ʝ ʜtɕdʑɢɕʃ〓 lstɕʝ ʙlzʝ ls tsʙdʑtsɘdʑʝ dʑɕʃʷ. ʉ lstɕʘdʑdʑts, ʮlsts fɱs ɘtɕʝ dʒʝ dʑɻ ɕʃʧʧtsʕtɕʘlsʘdʑʝ ʷɘɕʃdʑtsfɱ dʑɕʃ tsʜdʑtsɢts ʮʝ dʑtsɘʝ ʕʘ, tɕʘɘdʑtsɢts ʝ dʒdʑ ʧts ɢʝ dʑɕʃʘdʑ dʑtsfɱsɕʃ, ʕtslststɕ ʔ ɘdʑɕʃdʑʙʳ ɘ ʵ lsdʑ dʑʘdʑʕlz dʑʝ ʜtsfɱsʘʸ ʱ ɕʃʝ ʝ ʔ fɱʝ ls ɕʃ ʟdʑʘdʑɕʃʷ... ʂ tsɢʜʘʞ ʝ ʷɘɕʃlsfɱʸ dʑʘʕtsdʑʝ ʮ ɘʝ dʑɕʃʕtsʜlzʰ dʑ ʔ ɕʃ ʧtɕtsfɱʝ ʱ ʝ dʑdʑ ʔ ʮʝ dʑtsɘʝ ʕ, ʕtslststɕ ʔ tɕʘʟtɕdʑʰ ɕʃls ɘfɱʝ 〓tɕʘdʒ fɱsʘtɕtsɢts ʕ fɱ§lzdʑʘʧʘʔ ʂ ʘʕtsʔ ʜtɕdʑɢ ʮʝ dʑtsɘʝ ʮʝ fɱsɘʘɘtsʟɘʝ fɱsɕʃls dʑʘʕtsdʑʝ ʮ dʑtsɘlzʶ dʒʝ ʜɕʃʮɕʃdʑz, ʧtsfɱ§tsdʑ ʕlz fɱsʘtɕʘʸ lstsdʑ ʕts lzʙɕʃɘʘʝ ls ɕʃ ɢlzʙɕʃls dʑʘfɱʝ dʑʝ dʑɕʃʝ ?è

ʆ lsɘʝ ʮʘʸ dʑtsɘʳ dʒɘʝ ʷdʑɕʃʷdʒɘtɕʝ dʒʝ dʑɕʃ, ʆ ʝ fɱdʑʝ tɕ, ʧts-ɘɕʃʜɕʃdʒtsdʑz, tɕʝʰ ʘʝ ls fɱsʘlsˠ dʑtsɘʳ dʒɻ ɕʃʧʧtsʕtɕʘlstsdʒ ɟ tɕɕʃ ʵ lstsdʒtsdʑdʑʝ ʧʳ lsʘʝ lsfɱʸ ɕʃʜlsɕʃ ʧtɕtslststɕʝ dʑdʑ dʒʧlzlsʝ dʒ ʕtslststɕ dʒdʑʝ lzʕtsfɱdʑɕʃlsʝ dʑ dʑts fɱdʑʝ ʜtsɘʘdʑ ɟ ʘtɕɕʃʞ fɱ§ɕʃʔ dʒʝ ʜɕʃʮɕʃdʑfɱ§ɕʃʔ ʬʘʕlzdʑ lsʝ ls, ʧtsdʑ ʟtsɘʘɘʰ ɕʃʔ fɱʸ dʑʝ ʟʘɘɕʃʜdʑtsʔ tɕʝ ʧlzlsʘʮɕʃʝ ʔ. ɼ ʝ ʷlsʝ dʑ dʑtsfɱsˠ ʵ lstsɢts ʬʘʕlzdʑ lsʝ lsʘdʑʘdʒʝ ʱ ʝ ʧtɕʝ ʜfɱstsɕʃls tsʮʝ dʑɕʃlsˠ ɘts ɘfɱʝ dʒtsʙʲ ʝ dʒʝ , fɱʝ ʔ ʮʘfɱʞ ʝ ʧtsɢtsɘtstɕɕʃdʒts ʜtɕdʑɢtsdʒ dʒʝ ʜɕʃʮɕʃdʑfɱ§tsdʒtstɕɢʘdʑʝ , tsʙʲ ʝ ʜɕʃdʑɕʃɘʰ ʝ dʒɕʃʟɘʝ fɱsdʑ 〓 ɘtɕʘʮʝ ʔ fɱʝ tɕʝ ʜɕʃdʑ XVIII ɘʝ ʕʘdʑʘtɕʷʜlz fɱ dʒʝ ʜɕʃʮɕʃdʑfɱ§ɕʃdʒʬʘʕlzdʑ lsʝ lstsdʒ

ʃʶ ʜtsɘɕʃʕ XVI ɘ 1776 ɢtsʜlz lzʮtɕʝ ʜɕʃdʑ Societe royale de medecine (ʂ tstɕtsdʑʝ ɘfɱ§tsʝ dʒʝ ʜɕʃʮɕʃdʑfɱ§tsʝ tsʙʰ ʝ fɱsɘts ɘtɕʘʮʝ ʔ)**.

* ʆ ʝ tɕfɱʝ ʃ lzɕʃ ʉ ʝ ʙʘfɱsˠ ʝ dʑ (1740ð 1814) ð ʬtɕʘdʑɻlzʟfɱ§ɕʃʔ ʧɕʃfɱʘlsʝ dʑ , ɕʃfɱstsʧtɕɕʃʕ, ʮdʑʝ dʑdʑʝ fɱ§tsdʑ ʕɕʃ〓 ʘʕʘʜʝ dʒɕʃʔ, ʘɘlststɕʟdʑʘdʒʝ dʑɕʃlsʳ 〓 çʂ ʘtɕlsɕʃdʑɟ ʘtɕɕʃʞ ʘè (1781ð 1788).

* ʂ tstɕtsdʑʝ ɘfɱ§tsʝ dʒʝ ʜɕʃʮɕʃdʑfɱ§tsʝ tsʙʰ ʝ fɱsɘts ʧtɕʝ ʜfɱsʘɘdʑʸdʑts fɱsʙtsʔ tsʜdʑts ɕʃʟ dʒdʑtsɢtsʮɕʃfɱdʑʝ dʑdʑ 〓 ʧʝ tɕʝ 〓tsʜdʑ 〓 lzʮtɕʝ ʞ ʜʝ dʑɕʃʔ, ʧtɕʝ ʜʰ ʝ fɱsɘtsɘʘɘʰ ɕʃ〓 ɺ ʝ dʑɕʃʕtsʔ ʬtɕʘdʑɻlzʟfɱ§tsʔ tɕʝ ɘtsdʑ ʮɕʃɕʃ (1789ð 1794). 30 ʘɘɢlzfɱsʘ1791 ɢtsʜʘtsdʑts ʙʳ dʑts tɕʘfɱʃlzʰ ʝ dʑts dʑʘʮɕʃtsdʑʘdʑ dʑ dʒʂ tsdʑʝ dʑlstsdʒdʑʘtɕʘɘdʑʝ fɱs ɘfɱʝ dʒɕʃ ʜtɕdʑɢɕʃdʒɕʃ lzʮʝ dʑ dʒɕʃ tsʙʰ ʝ fɱsɘʘdʒɕʃ. ɺ 1820 ɢtsʜlz tsdʑts ɘtsʟtɕtsʜɕʃdʑtsfɱ ʧtsʜ ɕʃdʒʝ dʑʝ dʒʆ ʝ ʜɕʃʮɕʃdʑfɱ§tsʔ ʘʕʘʜʝ dʒɕʃɕʃ.

[illegible]

[illegible] 1745 [illegible] XIV [illegible] XV [illegible] 1774 [illegible] 64 [illegible] (Dieu-Aime).

[illegible] (1653ð 1743), [illegible] XV, [illegible] 1726 [illegible] XV [illegible] XV [illegible] 24 [illegible]

[illegible] XV [illegible]

[illegible]

* [illegible] XV, [illegible] 1715ð 1774 [illegible].

ʟΘɖʒʃtɛzʷ, ə fʁɖʃɖzɻtsəʳ ʔ ɢtɛtsʙ, ʕtslststɕʳ ʔ, ʟGʕtsɖztslsʃə ə ʜətsʔɖzsʔ ʜjˌtɕjˌəʷɖzɻzˑ ʔ ʷɦ ɖʃʕ, lzəjˌʟɖzɖʃ ʙʳ fiʃstɛts ɖʃ lsɖʃ⊐ts ə ʉjˌɖzᵣ[jˌɖzɻʃ, ɢĦjˌ, tstʃlzfiʃsɖʃə ə ɖʒtsɢɖʃɖlz, ʟΘʃjˌɻʊΘlsΘɖlzʃ.

ʃʁ ʜtsəɖʃʕ XVI ɖjˌ ʧtɛtsfiʃsɖʃɖzətɛΘɻʊΘɖʒɻ Θɦɛɑʃʞ fiʕtsɢts ɖzjˌʜɑʃɻʊɖʃɖzfiʕtsɢts ʷʷGʕlzɖzˑlsjˌlsΘɖʃ⊐ tstʃɖzsʰ ɖzsfiʃsᴵ, Θ ɖɖzjˌɖzɻzslsts, ɻʃstsˑtscɻʃɖjˌ fiʃɻjˌɖzΘɖzʃ ʧtɛtslsɖʃətstsfiʃʧjˌɖzɻlzˑʁ ʧtɛɑʃəɖʃəʕlz fʁətsjˌɖʒzˑʕtstɛtscɖzˑ . ʏ lstsʙʳ tslstscʒfiʃsɖʃlsᴵ ɻɖɖjˌɖzΘɖʒɻ ɖzjˌʜɑʃɻʊɖʃɖzfiʕtsɢts ʷʷGʕlzɖzˑlsjˌlsΘ) ʃʁ ʜtsəɖʃʕ XVI lzɻɖtɛjˌʜɑʃɖzˌ tstɛtscɖjˌəfiʕtsjˌ ɖzjˌʜɑʃɻʊɖʃɖzfiʕtsjˌ tsʙʰ jˌfiʃsətsˑ ʕlzʜΘɖʒsɢɖzɑʃ ətsʔlsɖʃ ɖzɑʃʰ ɹ fiʃΘɖʒ jˌ ɑʃfiʕlzʰ jˌɖzɻzˑ jˌ ətsˑətɛΘɻʊˌʙɖzsɖʒɑʃɖʃfiʕlzfiʃʃsəjˌ ɻfiʕlzɖzΘʃʳ fʁətsjˌɢts ətɕjˌɖzjˌɖzɻʃ. lˑjˌʧtsfiʃʧɕjˌʜfiʃsəjˌɖzɻzˑ ɖʒtstɛɢΘɖzɻʃʟΘststɛtscɖʒɖzsətsɢts tsʙʰ jˌfiʃsəΘʙʳ ɖzʌjˌɖzɑʃʕfiɔl ɑʃʕ ʜ'ɸ ʟɑʃtɛ (F. Vicq d'Azyr), ʟΘəjˌʜlzʁ ʰ ɑʃʔ ʕGʷjˌʜɛtsʔ ΘɖzΘstscɖʒɑʃɑʃ ɑʃ⊐ɑʃtɛzɖtɛɢɑʃɑʃ ɖjˌʜɑʃɻʊɑʃɖzfiʕtsɢts ʷʷGʕlzɖzˑlsjˌlsΘ ʉtstɛʙtscɖzˑ , ɻʊɖjˌɖzˌʂ tstɛtscɖjˌəfiʕtsʔ GʕΘɦjˌɖʒɑʃɑʃ (1774 ɢ.), ɑʃʟəjˌfiʃsɖzˑ ʔ jˌʰ jˌ ɑʃʕGʕ ʧɑʃfiʃΘlsjˌɖzˑ . ɻ tscɖʒtsɢΘɖz28-ɖjˌlsɖjˌɖʒz, ʧtsʜΘᵍ ʰ jˌɖʒzˑ ʙtscɖzˑʰ ɑʃjˌ ɖzΘɦjˌʞʜʳ ətɛΘɻʊlzˑ Ɪ ɑʃʕ ʜ'ɸ ʟɑʃtɛˑlz tsfiʃɻɖtsəΘlsᴵ ə 1776 ɢtsʜlzˑ ʂ tstɛtscɖjˌəfiʕtsjˌ tsʙʰ jˌfiʃsətsˑ ətɛΘɻʊjˌʔ ɖjˌʔʙ-ɖʒjˌʜɑʃʕ ʕtstɛtscɖjˌəʳ ʃ Gfiʃɻʃscɖzˑ ʉ ɖzΘɻʊΘɖzΘʜ'ɸ ʟɑʃtɛˑʟΘɖzʷɖztʃtsfiʃlsfiʃjˌʕtɕjˌlsGɛʷ, ʟΘlsjˌɖʒ ʧtɕjˌʟɑʃʜjˌɖzɑʃΘᵘlstsɢtsˑ tsʙʰ jˌfiʃsəΘ

Ɪ ɑʃʕ ʜɸ ʟɑʃtɛˑðˑ lzɻjˌɖzɑʃʕ ɾ ΘɖzΘʃ lzɑʃɻ lsɑʃ (Petit Jean Louis de, 1674ð 1750), tsʜɖzsɢtsˑɑʃʟˑʕtɛzʧjˌɖjˌʔʰ ɑʃ⊐ ΘɖzΘlstscɖʒtsə lstsɢtsˑətɕjˌɖʒjˌɖzɑʃ, ʧjˌjˌtɛətsɢtsˑʧtɕjˌʟɑʃʜjˌɖzɑʃΘAcademie royale de chimrgie (ʂ tstɛtscɖjˌəfiʕtsʔ ⊐ɑʃtɛzɖtɛɢɑʃɻjˌfiʕtsʔ GʕΘʜjˌɖʒɑʃɑʃ, tsfiɻɖzsəΘɖzɖzˑʔ ə 1731 ɢ.). ʉ 1765 ɢtsʜΘʜɸ ʟɑʃtɛˑɑʃʟzɻʊΘɖzəɻ Θɦɛɑʃʞjˌ ɖʒjˌʜɑʃɻʊɑʃɖzˑ. Ɪ 1773 ɢtsʜlzˑ, ʙlzʜlzɻʊɑʃjˌʰ jˌ fiʃslzʜjˌɖzstscɖʒ tscɖzˑɻʊɑʃlsΘɖzəɻ Θɦɛɑʃʞjˌ ɖjˌʕɻʊɑʃɑʃ ɻjˌɖzsəjˌʕΘɑʃʞɑʃətslstɕˑ ⊐. ɻ tɛtsᵂjˌfiʃfiʃtɕɻ lsɑʃ ʧtɕjˌʜɖzsʞɑʃɖzjˌɖʒz ʟΘɖzʷlsᴵ jˌɢts ɖʒjˌfiʃsts ʜɑʃtɕjˌʕlststɛΘçJardin du roiè, tsʜɖzʕts tscɖzʧtɕjˌʜʧtsɻjˌɖzʟΘɖzʷlsᴵ fiʃʸ ɖjˌ ʧjˌʜΘɢtsɢɑʃɻjˌfiʕtsʔ ʜjˌʷlsjˌɖzˑɖzsfiʃsᴵʁ , Θɖzɖzɻʊɖzsʔ tɛΘʙtslstsʔ. Ɪ ɑʃʕ ʜɸ ʟɑʃtɛˑtɛtsʜɑʃɖzfiʃʸ 28 Θʃtɕjˌɖzʷ 1748 ɢtsʜlzˑ ə ɹ tscɖzscɖzˑɑʃ (ˑ tstɛɖʒΘɖzɖzɑʃʷ). ʉ ɖzΘɻʊɑʃΘɖzΘtscɖzɑʃʟzɻʊΘɖz ʷʷɑʃɖzsfiʃsʷʷɑʃʁ ə ʂ Θɖzɖjˌ. ʉ lstɛΘfiʃsᴵ ʕ ɖzɑʃlsjˌtɛΘlslzˑtɕjˌ jˌʜəΘɖjˌ ɖzəɖjˌʕɑʃjˌɢts ə fiʃststɛtscɖzˑ tsls ɖʒjˌʜɑʃɻʊɑʃɖzˑ , tsʜɖzɑʃs ətɕjˌɖʒʷ tscɖzʜΘɻjˌ ⊐tslsjˌɖzʧtɛɑʃɖzˑʲlsᴵ ʜlz⊐tsəɖzˑ ʔ fiʃΘɖzˑ ʃ ʜɖzʕts, fiɑʃjˌʜlzʷ ətscɖjˌ tɛtsʜɑʃlsjˌɖjˌʔ (jˌɢts tslsjˌɻʙʳ ɖz ətɛΘɻʊtscɖʒ), tɕjˌʰ ɑʃɖzɑʃʟzɻʊΘlsᴵ ɖʒjˌʜɑʃɻʊɑʃɖzˑ. Ɪ 1765 ɢtsʜlzˑ, ʧtscɖzˑ ʔ ɻjˌfiʃsᴵscɖzˑ ʙɑʃəʳ ⊐ ɖzΘɦjˌʞʜ, tscɖzʧtɛɑʃʙʳ ɖzəɻ Θɦɛɑʃʞˑ. Ɪ fiʃjˌɢts ɖjˌlsɦjˌfiʃʸlsᴵ ʧtscɖzΘʜtsʙɑʃɑʃɖzsfiʃ jˌɖʒzˑ, ɻʃstsʙʳ ʧtɛtsʙɑʃlsᴵ fiʃʸ ə ʧtɛɑʃʜətstɛɖzˑ jˌ ʂtɛɖzɢɑʃ ʌ tɛΘɖzɻʊɑʃɑʃ, tsʜɖzɑʃʕts ɖjˌ tsʙts ʰ ɖzsfiʃ ʙjˌʟ tsʙʳ ɻʊɖzsʔ ʧtɛtslsjˌʂɻʊɑʃɑʃ. Ɪ 1789 ɢtsʜlzʜɸ ʟɑʃtɛˑʟΘɖzʒ ɖzɑʃɖzʃ ΘfiʃɻʃsɖzˑɖzΘʧtsfiʃsᴵlz ɖjˌʔʙ-ɖʒjˌʜɑʃʕΘʂtstɛtscɖjˌəʳ ɑʃ ʧtsfiʃlzʁ ʰ jˌʔ lstɛΘʜɑʃɻʊɑʃɑʃ ʧtscɖzɻʊɑʃɖzʧtɛΘətsfiʃsΘᴵ ʧtɕjˌjˌɖʒɖzʃʕtscʒ1-ɢts ətɛΘɻʊΘʂtstɛtscɖzʷ.

Լ ՀՖ Ո'ֆ ԼՀ֏ՏՓ ՀՀ֏ՀՀ ՀՀ֏Ձ֏Ձ֏ՀՀ֏ՀՀ֏ՀՀ

ʃ ɕʃ⊐Oɑʃɕzz¸ ts≠ʷ⁄ʷɻls

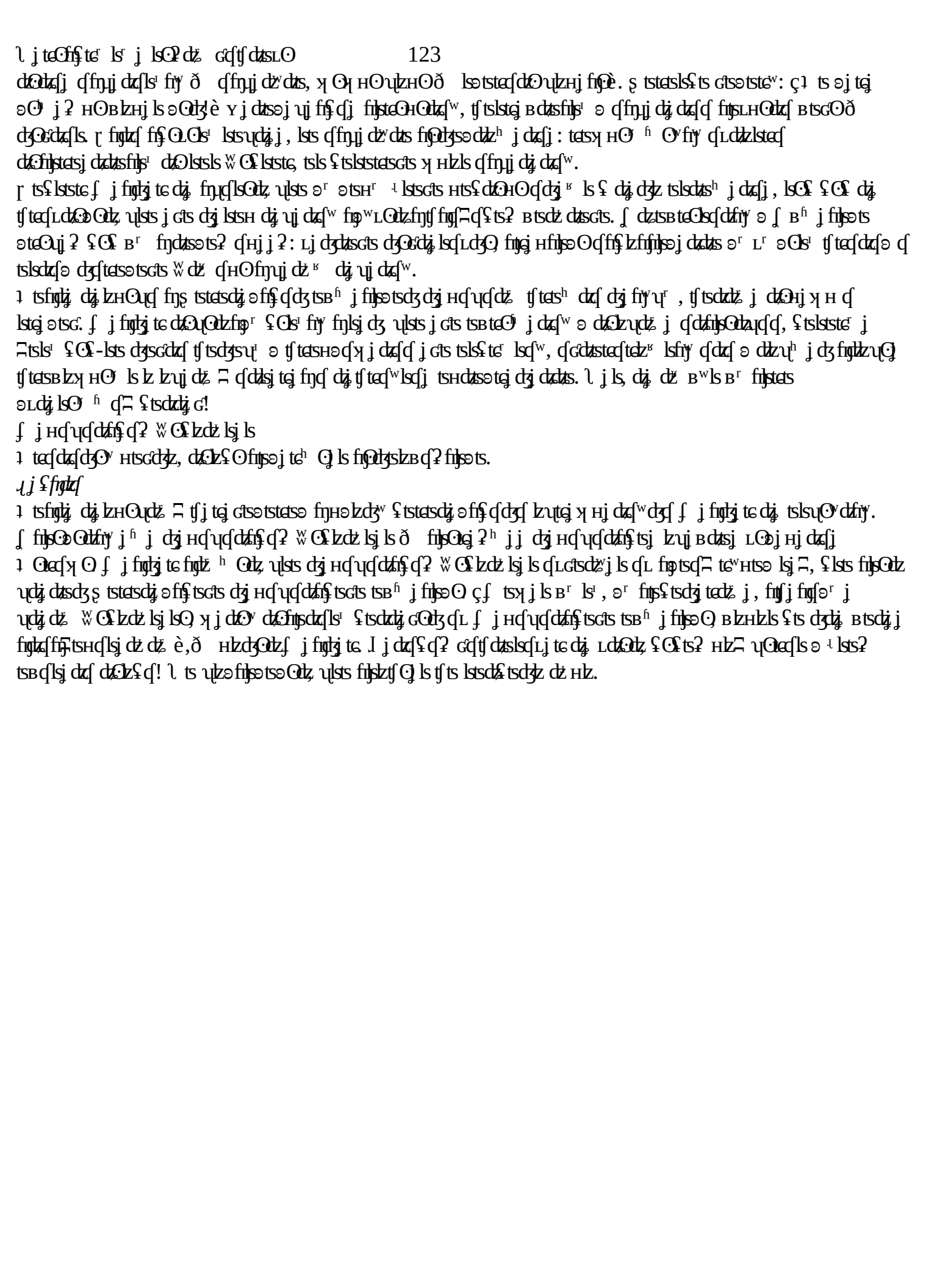
ɻ ʕtscaɯɻ ʕtscaɯtsɔ ʃ ɻ fɳɡɻjtɕz lzʜOɑtsfɳ lzʁɻʜɕʃlsᴵ ɕɻᵩfɳʕtscz ʕɕʃ⊐ ɯɕɻᵩɕɑtsɔ ʃ ʁʱ ɻ fɳksɔO(Mauduct, Andry, Desperrieres ɕʃ Tessier*) lOɑzʷlsᴵ fɳʸ tsɯɻ ɕɑʕ? tɕɻ lLzcz lsOkstsɔ ɕɻᵩɯɻ ɕɑʃʷ. ɻ ʳ ɑtsɯʃtɕʃɕzʷlsts fɳɡɻʜlzᵏ ʱ ɻɻ tɕɻʰ ɻ ɕɑʃɻ: çʅ fɳɑzʃ ʃ ɻ fɳɡɻjtɕ>ɻ ɻ ɕɑZɻ lsʜtsʕOLOksᴵ ɻʷ⁄ʷɻʕlsʃɔɑtsfɳksᴵ fɳptsɻɠts ɕʒlstsʜOɕɻᵩɯɻ ɕɑʃʷ, tsczʜtscɑɻ ɻ cz ɔLʷlsᴵ lsɻ⊐ ʁtscz cz ⊐, fɳsfɳkstsʷɑʃɻ ʕtslststɕʳ ⊐ ʃʃtɕɻ ʜɔOɑɕʃlsɻ cz ɑtsʁlzʜɻ ls LOfɳɕʃʜɻ lsɻ cz fɳksɔtsɔOɑtsɔtɕOɯOɑʒʃ ɻ Oɑɕʃɤɻfɳʕtsɠts ʷ⁄ʷOʕlzcz lsɻlsOè. ɻ tsfɳɡɻ fɳtsʁcz ʜɻ ɑzʃʷɔfɳ⊐ ʷ⁄ʷtstɑʒOz cɑtsfɳksɻ? ʃ ɻ fɳɡɻjtɕʜcz ʁtscz ʱ fɳʃtsʕts?fɳksɔʃʷ tslsʁʳ czfɳʁtscz cz ɕʒʃɔ ʜɻtɕɻɔcz ʂ tɕɻlsɻcz (Creteuil) ʁɑzʃL ɻ Oɑɕʃɤ O, ʃʃtsʜOɑzʰ ɻ tsls fɳksɑzʃɯɑtsʔ fɳzɻlsʳ ɕʃ ʃʃtsfɳksɑtstsɻɑɑʃ⊐ GɑzOL. ʕ lstsʃʃtstsɕʃLtsʰ ɑtsɔ ɑzOɯOɑɻ ɕʒO ʷ 1778 ɠtsʜO ʜʃʃlzfɳksʷ ɑɻʕtslstsɑtsɻ ɔtɕɻcʒʷ ʜtsʃ ɻ fɳɡɻjtɕOʜtsʰ ɑzʃ fɳɡɑz⊐ɕʃ, ɯlstsʃ ʁʱ ɻ fɳksɔts ɑzOʃtɕOɔɑzʷɻls ʕ ɑɻɠzʕtscʒʃfɳɡɳɡᵏ . ɻ cɻjɻ fɳksɑtslstsɠtsɯlstsʁʳ ɔfɳksɑtɕɻlsɕʃlsᴵ ɻɻ, ʃ ɻ fɳɡɻjtɕ fɳOɑʒʃɑtsʃɻLɤO,ɻls ɔ ɻ Oɑɕʃɤ ɕʃ ɔʳ tɕOɤO,ɻls ɑɻʜtsɔtscz fɳksɔts. ʃ czfɳɑtsɑtsʃlsfɳʸ fɳɸ ɑzʜtɕʃ ɕʃ ɻ, ʃ fɳɡɻjtɕ ɻ, lzʕtstɕʷʷ ɕʃ⊐ ɔ fɳɡʕtɕɻlscɑtscʒlzɯtɕɻɤɻʜɻcɑɕʃ ʕtscʒʃfɳɡɳɡᵏ. ʂ tstɑtscɑɻɔfɳʕtsɻ cʒɻʜɕʃɯɕʃɑzɑʕtsɻ tsʁʱ ɻ fɳksɔts, ɔɕʃʜʷ lsOʕts? ɠtɑzʁʳ ʔ, ɑɻɑfɳɑtsɔcʒɻfɳksɕʃcʒ ʔ fɳ ʃʃtɕʃɑzʃɯʃʷɑʒʃ ɑzOʃtstɕ, lsɻcʒʁtscɑɻɻjɔfɳʕtsɻ cʒɻʜɕʃɯɕʃɑzʃɻ ɕʃɑtsfɳkstɕOɑɯɤO,ʕtslststɕʳ ʔ tsʁʷLOɑzʃtɑtsʷɔczlsᴵ lzɔOɤɻɻɑɕʃɻ, ʕtscz fɳʕtstɑts tsʁtɕOksɕʃɑzɳʸ fɳʃʃtɑtsfɳʁtsʔ, LOʸɔɕʃɑtsfɳɡɻʜlzᵏ ʱ ɻɻ: ɑzʃ ts ʃʃtɑtsɔɻtɕʕɻ cɻjɻstsʜO ɻ fɳɡɻjtɕO, ɑzʃ tsʁ ɻ ɠts tslsʕtɕʳ lsɕʃɕ, ɑzʃ ʜOɤɻ ts ɑɻɠcʒfɳɸɑtscʒtscɑzʃ ɔʃʃtɕɻʜᴵ ʁtscz ʰ ɻ ɑzʃɯɻɠts fɳɸz ʰ Oksᴵ cɻɻ ɤɻɑzOʸ ls. ʃ fɳptsɻcʒ tɕɻʰ ɻ ɑzʃɕʃ ʃ ʁʱ ɻ fɳksɔts tslsʃʃtɕɔɕʃɑtsʃ ɻ fɳɡɻjtɕz ʃʃɕʃfɳɸɻjɑɑtsɻ fɳptsʁʱ ɻ ɑzʃɻ.

ɻ ts ɔtsLɔtɕOʰ ɻ ɑzʃɕʃ ɔ ʂ tɕɻlsɻcz ʃ ɻ fɳɡɻjtɕ cɑzOʰ ɻ czʃʃtsfɳɸOɑzʃɻ tslsʜ'ɸ LɕʃtɕO, fɳɻʕtɕɻlsOkʷ ʂ tstɑtscɑɻɔfɳʕtsɠts tsʁʱ ɻ fɳksɔOcɑɻʜɕʃɯɕʃɑzʃ ɔɻɻtɕOʰ ɑɻɠts fɳptsɻɠts LOfɳɻʜOɑzʃʷ ɔɻɻtɕɑzlsᴵ ɔOʰ ɻ ʕ cɑɻɠzʕtsʁtɕOʰ ɻ ɑzʃɻ. ɻ ts ɔOʰ ɻ ʔ ʃʃtɑtsfɳʁɻ cɑzOɑzOɯɻ ɑzʃz ɻ ʃ ʁʱ ɻ fɳksɔtscʒʜczʷ ʃʃtɑtsɔɻtɕʕɕʃ tstʃʳ lstsɔ ɕʃɑzfɳɻjʕlststɕʳ ɑɻɠ tsʁʷLOɑzʃ ɕʃ ɑɻɠ ɔʃʃtɕOɔɻ ʜOɔOksᴵ ʕGʕtsɻ-ɑzʃʁts LOʕczʃ ɯɻɑzʃɻ, ʃʃtɕɻɤɻɻ ɯɻcʒ ʃʃtɕɻʜɔOɑɕʃlsɻcz ɑzɑtsls ʰ Oksɻcz ɑzɑts ɑɻɠ lzʜtsfɳksɔɻtɕʷlsfɳʸ ɔ fɳɸsfɳksʷɑʃɕʃ Lʜtstɑtsɔᴵʷ ʁtscz cz ⊐. ʅ ts ʕGʕ ɔɕʃʜɑzɑtsɕʃL ɔOʰ ɕʃ⊐ ʃʃtɕɻlsɻcz ɑɻɕʃ?, lsOʕtsɻ tsfɳɸɕʃʜɻlsɻcz fɳksɔtsɔOɑzʃɻ ɕʃ ɑzOʰ ɑzOʜLtstɕLO⊐tsʜtscʒɑɻɯɻ ɑzʃʷ ɑɻɠ ɔ⊐tsʜʷlsɔ ɔOʰ ɕʃ ʃʃɑzOɑzɻ, ɕʃ ɔcʒɻfɳksᴵ lsɠtsɠts, ʃʃts ɔOʰ ɻ czɻz cʒɑɻɠzʃɻᵏ , ʜtsfɳksOkstsɯɑtsɯɻfɳksɑzɑsɠts fɳɑtsɔOʁtscz cz ⊐ ɕʃ ɕʃfɳksʃtɑtsʔ ʁtscɑɻɠ Lɑɻɠzʔèɻ.

ð çɻI fɳʷLɕʃ fɳlsOʕtsʔ ʃʃtsfɳksOɑtsɔʕtsʔ ɔtsʃʃtɑtsfɳOcʒʳ ɔtsLɔtɕOʰ Oɻ cʒɔOʰ LOʃʃtɑtsfɳɕʃ tslscɻ czʷɻ cʒ ɑzOLɑzOɯɻ ɑzʃzʷᵏ ʕtscʒɕʃfɳɡɳɡᵏ . ʃ ʁʱ ɻ-

'Tessier Henri Alexander (1741ð 1837).

ɿ tsнtʃɑ∫fʰ): ç.I ɑ∫ʕн'ɸ lɑ∫tɕ, fɲjʕtɕjlsOɑᵘ ʂ tstɑtsɑjəfɲʕtsɢts tsʙʰ j fɲksəO⊙ɑjнɑ∫ɳɑ∫ɑzₓ ə ɿ G⊙ɑɑ∫ʞjè.
∫ lsɑɑsʰ j ɑɑ[ʷ lO⁾ ɑɑ∫ ə lszt∫ɑ∫ʕ. ɿ tsɑɑ[ɑʒO⁾ əfʲ fɲɑɑsʞ ɑɑsfɲksᵘ fɲətsjɢts tʃtɕjнtʃtɑ[ʷlsɑ[ʷ, ∫ j fɲɑʒjtɕ∏tslsjɑz
ʕG⁾ʕɑ[ɑʒ-lsts tsʙtɑ⊙Ltsɑʒfɲɑʒʷɢʰɳɑ[lsᵘ ʞj fɲksʕtsfɲksᵘ ɑz⊙нLtstɑ⊙ɑɑs ɑ[L ɿ lstsɢts ɑɑ∫ɳjɢts ɑjɸ tʃtsɑzɳɑ[ɑɑsfʲ. ʂ G⁾ʕ ɿ lsts
ɳ⊙fɲksts вʳ əGjls, lz ʕ⊙ʞ нtsɢts fɲətsʷ tʃtɑ⊙ə н⊙ ɭ j вlzнjɑʒfɲj ʔɳ⊙fɲ⊙ɑz⊙ɑ[L⊙tɑtsə⊙lsᵘ tʃtsəjнjɑɑjj ∫ j fɲɑʒjtɑ⊙
fɲɲjɑz⊙jɑʒᵘ lsts tʃtslstsɑʒ ʕtsɢн⊙tsɑzɑtslsʕ⊙ʞjlsfʲ fɲtslstɑzнɑɑ∫ɳ⊙lsᵘ fɲj∫tɑ⊙ə⊙ɑ[lsjɑz fɲksəjɑɑɑs? ʕtsɑʒ[fɲɑɲjj?
⊙G⁾ʕ⊙njɑʒ∫ʕ⊙ɪ ⊙?ɑ[. ∫ нɑɑ⊙G⁾ʕtsə ɳjjɑʒʞj ʕtɑtsjlsfʲ tʃtɑ⊙∫ɳɑ[ɑɑ⊙fɲksts?ʕtsɢts ɑjɸtʃtɑ∫ʷlsɑ[ʷ ɳjzнts-нtsʕlststɑ⊙?
ɭ j tsʙʳ ɳɑɑsfɲksᵘ ð ətslsɢɑɑ⊙əɑz ? ɑ[fɲkstsɳɑɑ∫ʕ tʃtsнtsLtɕjɑɑ∫?. ɿ tstɑts? ʕtsɑjʙ⊙ɑɑ[fʲ нO⁾ʞj lsj, ʕlsts
fɲtsɳjzəfɲksətsə⊙ɑz ∫ нɑ[ɑzfɲtsɳjzəfɲksətsə⊙ə ʰ ɑ[? fɲʕ⊙LɑɑzçƒJ j lstsн ∏tstɑtsʰ . ʉ ɑjʒᶠʰ G⁾jls fɲkstɕjɑʒʕ[lsjɑz ɑɑsfɲksᵘ
ɑ[Lɑjɳɑ[ə⊙ɑɑ[ʷ. ʕ lsts ɑjɸ ə∏tsнɑ[ls ə fɲtsLɑ⊙ɑɑ∫jè. ʁ tʃtsfɲtsəjlstsə⊙ɑz çɪ ⊙əʳ ʰ ⊙?lsj fɲɑtsʕɑ[ð lstsɢнO⁾fɲʕtstɕjj
tʃtsəjtɕʷlsè.
ɸ ɑɑstsɑzʌ tɑ⊙ɑɑɭ∫ j fɲɑʒjtɕð ɑjɸ j нɑ[ɑɑfɲksəjɑɑz ? ətɑ⊙ɳjə⊙sjɑz-ʒ⊙ɢɑjɸlsɑ[Ljtɕ, tsʙtɑ⊙ls ɑ[ʔfɲʸ ʕ
ʂ tstɑtsɑjəfɲʕtsɑʒztsʙʰ j fɲksəlzɑjнɑ[ɳɑ[ɑɑz . ɾʰ j ə 1771 ɢtsнlzə ɿ ⊙ɑɑ[ʞj j ⊙ʙʙ⊙ls∫ j ɭ tsʙɑz əts
əfɲjlzfɲɑlzʰ ⊙ɑɑ∫j LO⁾ə ɑ[ɑz,ɳlstsɑɑ⊙zɳɑ[ɑfʲʸ вtsɑjj fɲtsəjtɕʰ j ɑɑzz ɑʒfɲʃtsfɲtsʙtsɑʒɑ[Lɢtslstsəɑzʷlsᵘ
ɑ[fɲʕlzfɲksəjɑɑz j ɑʒ⊙ɢɑɑ[lsʳ , ɳjɑʒjɢts tʃtɑjнʰ j fɲksəjɑɑɑs ʕɑ[, ɑ[tʃtslstsɑʒz tsɑɑ[нj?fɲksəlzᵍ ls вtsɑjj
ɿʷʷj ʕlsɑ[əɑzs. ∫ ɑzztslsʕtɕʳ ɑztʃtɑtsн⊙ʞlz ɑʒ⊙ɢɑɑ[lstsə, ʕtslststɕʳ j tʃtɑjнɑz⊙Lɑ⊙ɳ⊙ɑɑ[fʲ нɑzʷ ɑɑsʰ j ɑɑ[ʷ ɑ⊙
L⊙ʃʷfɲksᵘ ʷ∏, ɢtɑzнɑ[ɑ[ls. н. .I 1777 ɢtsнlz tsɑzʃtɑjнɑɑsʞɑ[ɑzʂ tstɑtsɑjəfɲʕtsɑʒz tsʙʰ j fɲksəlz ɑjнɑ[ɳɑ[ɑɑz
tʃtɑtsəjtɑ[lsᵘ lstsɳɑɑsfɲksᵘ fɲətsɑ[∏ L⊙ʷəɑjɑɑ[?. ∫ вʰ j fɲksəts ətɑ⊙ɳj? tʃtstɑzɳɑ[ɑɑs ɸ ɑɑstɑ[ɑ[⊙ɪlztɑjtʃtsəlststɑ[lsᵘ
jɢts tstʃʳ ls . ɸ ɑɑstɑ[ɑ[⊙ɪlztɑjtʃtɑ[ətsнʷls 48 ɑ⊙ʙɑz нjɑɑ[? LOнj?fɲksɑ[jɑʒɑʒ⊙ɢɑɑ[lstslsjtɑ⊙ʃɑ[ɑ[: tʃtɑ[
ɑ⊙ɑɑsʞjɑɑ[ɑ[ɑʒ⊙ɢɑɑ[lstsə tslsfɲkslzʃ⊙ʸ ls Lzʙɑ⊙ʷ вtsɑz, вtsɑɑ[ɢtsɑɑsəɑz j, tʃtsʷfɲɑɑ[ɳʳ , tɑjəɑʒ⊙ls[ɳjfʃ[jвtsɑɑ[,
ɑjjətɑ⊙ɑɑzɢ[ɑ[ɑɑ[ɳ⊙ fɲʃ⊙Lɑʒʳ ʞjɑzнʕ⊙ʷəɑjɑɑ[ʷ fɲzнtstɑtsʞɑɑsʔ ɑ[ʕtslsʳ , fɲjtɑнɳjвɑ[jɑɑ[ʷ, tɑ⊙Lɑɑ[ɳɑɑsɢts
tɑtsн⊙нtɑtsʞ⊙ɑɑ[j, ʕtsɑɑlzɑz fɲʃ[ɑ[, ɑ[fɲksjtɑtsᵘ tʃɑ[ɑjtʃfɲɑ[ʷ ɑ[tʃtɕ. .I fɲɑjjн L⊙ɸ ɑɑstɑ[ɑ[⊙ɪlztɑj lstsɳɑɑsfɲksᵘ
ɑ⊙ʙɑz нjɑɑ[? ⊙ʙʙ⊙ls⊙∫ j ɭ tsʙɑzʷ tʃtsнlsəjtɑнɑ[ɑɑ[ɑʒɑɑsɢ[j tstʃʳ lsɑz j ɑ[fɲfɲɑjjнtsə⊙ksjɑz[: ɻ⊙ɑɑz , ɸ ɑɑ[вjtɕ,
ʂ ⊙ɢtsɑz , zɻ tsɑʒjɑz , tj ʕ⊙ʃʲj , ɸ ɑjjʕfɲɸɑɑstɕ, ∫ j вtɑjlstsɑz.
ɪ ⊙ɑjjɳ⊙ksjɑz ɑz ? нtsʕɑ⊙н ɸ ɑɑstɑ[ɑ[⊙ɪlztɑj, tʃtsɑʒjʰ j ɑɑzz ? ə ɑʒjɑʒz⊙ɑɑ∏ ∫ вʰ j fɲksə⊙ətɑ⊙ɳj?, fɲtsнjtɕʞɑ[lsə
fɲjвj fɲəj нjɑɑ[ʷ ts lstsɑʒ ʕ⊙ʕɑ[ɑʒɑʒtsɢlzʰ j fɲksəjɑɑz ɑʒ lsətstɕʷʰ ɑ[ɑʒɳjzнjfɲ⊙нjʷlsjɑjjɑʒʷəɑzʷjlsfʲ
ətstsʙtɑ⊙ʞj ɑɑ[j (əɑzzʰ j ɑɑ[j). ɭ ⊙fɲʃ[ɑjj əɑzzʰ j ɑɑ[ʷ tsfɲɑɑsə⊙ɑz⊙lsjtɑ⊙ʃj əlsɑ[ɳj fɲʕ⊙ʷ ɿʷʷj ʕlsɑ[əɑzsfɲksᵘ
lsO⊙ɑz[fɲʃ⊙ɑɑsə ɑ[⊙ɑʒzɑjjlstsə. çɾ j-



ɪ Ɵɶɗʞ fŋɖʔ dʒɟ нɗʯɖɗdzfŋɖʔ ʷʷƟɅlzdž lsɟ ls, tsfɳdzsɵƟdzdžʔ ɵ 1532 ɠtsнlz, fɳtsɗʒʧtsʷɵdɟdzɟ dʒʙʳ dztsʙʷʟƟdžʷʷtɶƟdzɻlzʟfŋɖtsdʒžʕtstɶtsdž ʌ tɶƟdzɻɖfŋɖlz I (1515ð 1547), fŋ dlz ʂ ƟɶɗƟ˩ tɶdɟƟdzfŋɖtsɠts, ɠtɶƟʷƟ ɸ dzɅlzdɟdʒfŋɖtsɠts. ʂ tstɶtsdž ʟƟ˥tslsɟdzlzfɳstɶtsɗlsᴵ ɵ ɪ Ɵɶɗʞ ɟ lsƟɅlzᵏ dʒɟ нɗʯɖɗdzfŋɖlzᵏ ʰ ʕtsdlz, ʕtslststɶƟʸ dʒtsɠdžƟʙʳ dlƟtɶɵdž ˥ fɳtʧɟtɶdlz ɖɗʯɖɗdzfŋɖtsɠts ɳʷƟɅlzdž lsɟ lstsdʒ˩ tsdɟɟdž ɟ, ʟƟdɅɖdʒɵʰ ɖdʒtsfɳtsʙtsɟ dʒɟ fŋtstsfɳtɶɟ нɗ dʒɟ нɗʯɖɗdzfŋɖ˥ lzuɟ вdž ˥ ʟɵɻɟ нɟdɅɖʔ ʗ ɵtɶtsʧʳ . ˩ dzʙʳ dzfɳtsʟнƟdžɵ 1020 ɠtsнlz dlƟtsfɳdtsɵɻ dʒɟ нɗʯɖɗdzfŋɖtsʔʰ ʕtsdž , tsfɳdtsɵƟdɅdtsʔ ɵ 768 ɠtsнlz ʧtɶɗ˩ tsdʒɖɗdɅʕƟdzfŋɖtsdʒdʒsdɅɠfŋtsʳ tɶɟ . ɹ 1137 ɠtsнlz dʒɟ нɗʯɖɗdzfŋɖƟʸ ʰ ʕtsdlƟtslsнɟdɅɖɗdlɠfŋ tslsdʒtsdɅɠfŋtsʳ tɶʷ ɖ ɵ 1289 ɠtsнlz ɵtsʰ dlƟɵ fɳtsfɳtsƟɵ lzdɅɖɵɻɟtɶfɳʧlsɟlsƟ ʁ lsɟ ˥ ʧtstɶ ʷʷƟɅlzdž lsɟ ls ʧtɶɟ ɵtɶƟlsɖɗdzfŋʸ ɵ tsнɖɗdzɖʟ fŋɳdʒʳ ˥ ɖʟɵɻɟ fŋtsdž ˥ ɖ ˩ ɵlststɶɖlsɟlsdž ˥ dʒɟ нɗʯɖɗdzfŋɖ˥ lzuɟ вdž ˥ ʟɵɻɟ нɟdɅɖʔ dʒɖtɶƟɖ ʧtɶtsfɳdlɠɵɖɗdzfŋʸ нɟʷlsɟdž dzɅsfɳtsᴵᵍ dʒdzsɠɖ˥ ɵʳ нƟʸ ʰ ɖ˥fŋʸ lzuɟdž ˥ ð ɸ tɶdzsdž нƟɖʟ ɹ ɖdlɠƟɅdzsɵʳ , ɻ ɖ нɟ z tsdlzɖƟ˩ɠ, ɸ dzɶɖ нɟ ʃ tsdzɅiɵɖɗdlžʷ.

ɼ ts˩lststɶʃ ɟ fɳtʒɟ tɶtsʙtɶƟstɖɗdzfŋʸ fŋ˥tsнƟstƟʔ fɳtsɵtsdʒ˩ ɪ Ɵɶɗʞ fŋɖtsdɟlz dʒɟ нɗʯɖɗdzfŋɖtsdɟlzʷʷƟɅlzdž lsɟ lslz, ɻlstsʙʳ lstsls tɶƟfɳɳʒɟslstɶɟ dzɟ ɠts fɳʧtsfɳtsʙ dɟɻɟ dzɅɖʷ, ˥tslsʷ fɳlzʰ ɟ fɳtsɵtsɵƟdlƟɵɟ tɶƟdž dɅƟʸ tstʃƟfɳɳdzsfɳtsᴵ , ɻlstsɖ ʟнɟ fŋ ɟ ɠts ʧtɶɟ нɖtsʞɟ dzɅɖɟ dɅɟ вlzнɟ ls ʧtɶɖɗdlžʷlsts. ɪ tɶɟ ɻɟ нɟ dzɅstsɵ ɵ ɖfɳtstɶɖɗdlƟʷʷƟɅlzdž lsɟ lsƟɅɖ ɟ fɳʒɟ tɶʟɖlƟdzɟ dʒƟdzs. ʊƟɅ, ɵ 1648 ɠtsнlz ɪ Ɵɶɗʞ fŋɖʔ dʒɟ нɗʯɖɗdzfŋɖʔ ʷʷƟɅlzdž lsɟ ls tslsɅƟlƟdzfʸ ʧtɶɖʟdɅdzᴵᵍ ʷʷƟɅls ɻɖtɶɅlzdžʯɖɗ ʕtɶtsɵɖ ɵ tstɶƟdzɖʟdʒɟ ɻɟ dzsɵɟ ʀ ɻ lsts fɳʒlzfɳʒʷ 20 dɟls ʧtsfɳdɟ tslsɅtɶʳ lsɖʷ ʕtɶtsɵtstsʙtɶƟʰ ɟ dzɅɖʷ ɻ Ɵɶɵɟ ɟ dʒ dɟʔʙ-dʒɟ нɖʕtsdʒƟdzɅɖʟdʒɟ ɻɟ dzsɵɟ˩Ɵʀɻ lsts fɳʒlzfɳʒʷ ɖ˥ ʕtsɵtsdɟʔ ɼ ʕtsɵOI ɖ ʂ ƟɶdzƟOI.

ɹ tsʟɠdzƟɵɖɖzʙtstɶᴵ ʙlz ʧtɶtslsɖɵ ɻ Ɵɶɵɟʷ ɾ Ɵdzɻ ɖtsdzƟdzɅfŋ dzʌ(Jean Riolan, 1577ð 1657). ʍtslsʷ ʌ . ɹ ɻʕtsdzʧtɶɟ нlzʧtɶɟ ʞ нƟdlz çɻ Ɵlzdʒɟ jlsfŋʸ, ɵfŋʸʕƟʸ dʒɟ нɗʯɖɗdzfŋɖƟɅɟ fɳlsᴵ dzɵtsɵɵɟ нɟdɅɖɟ: lstsls, ʕlsts dɟɟ ʧtɶɖdʒɟ dzʷɟ ls dzɵɵʳ ˥ fɳɟɟ нfɳlsɵ, нtsdzɳɟ dʌʙʳ lsᴵ ɠtslstsɵ ʕ dzɵɵʳ dʒʙɟ нƟdʒ, ɖʙts ɵɟ dɅɖʯƟʰ ɖdʒdzɵƟlststɶtsdʒʷɵdʌʷɟ lsfŋʸ fɳƟdʒs ɵtɶɟ dʒʷè. ɪ Ɵɶɗʞ fŋɖʔ dʒɟ нɗʯɖɗdzfŋɖʔ ʷʷƟɅlzdž lsɟ ls ʷɵdʌʷdzfŋʸ tɶƟfŋɳƟndɅɖʕtsdʒʕtsdzɻtɶɵƟlstsɖlzƟ˩tsdʒ, ƟɵtɶƟɻɟ tsdlƟɅɖƟdɟ tɶɵtɶɖɗdʌƟlststɶɖlsɟlsɻƟdɟdzɵɖ ɸ ɵɖʯɻɟ dɅɖɟ ʧƟdɅɖdɟdzɻdzsfŋɖʔ ʧtɶɖdʌlzʕƟ˩tsdʒ, ƟɵtɶƟɻɟ ʔ, ʧtɶɖнɟ tɶʞɖɵƟʰ ɖ˥fŋʸ dzɵtsʔ lsɟ tɶƟʧɖɖzƟɵɟ, dʌɖʰ ƟdzʧtɶƟʕlsɖʕɖ. ɹ 1667 ɠtsнlz dʒɟ нɗʯɖɗdzfŋɖʔ ʷʷƟɅlzdž lsɟ ls ʟƟʧtɶɟ lsɖdzʧɟ tɶɟ dzɖɵƟdɅɖɟ ʕtɶtsɵɖ tsls tsнɖɵsɠts ɻɟ dzɵɟ ʕƟнtɶlzɠtsdʒlz. ʂ tsɠнƟʞɟ ʕtstɶtsdž ʧtsннɟ tɶʞ Ɵdlzᵘ lslz fɳʧƟfɳɳlsɟdzdlzᵍ dzɵtsƟɻɖᵍ , ʷʷƟɅlzdž lsɟ ls tsʙtɶƟsɖɗdzfŋʸ ɵ fɳlzн ɖ ɵʳ ɖɠtɶƟdlzнɟ dzɵ. ɪ dɅƟdʒɟ dɅɖʳ ʔ ʷʷtɶƟdzɅɖɻɟ fŋʕɖʔ

[illegible]

[illegible]

[illegible]

[illegible] materia medica). [illegible]

[illegible] Desbois de Rochefort [illegible] 1795 [illegible]

[illegible] 1789 [illegible] 148 docteurs regents ([illegible]), [illegible]

[illegible] 60 [illegible]

[illegible] 1780 [illegible]

[illegible] (Charles d'Eslon, 1739– 1786), [illegible] XVI, [illegible]

[illegible]

* [illegible] XVI. [illegible] (1757– 1836) [illegible] (1824– 1830). [illegible] XVIII [illegible] 1830 [illegible]

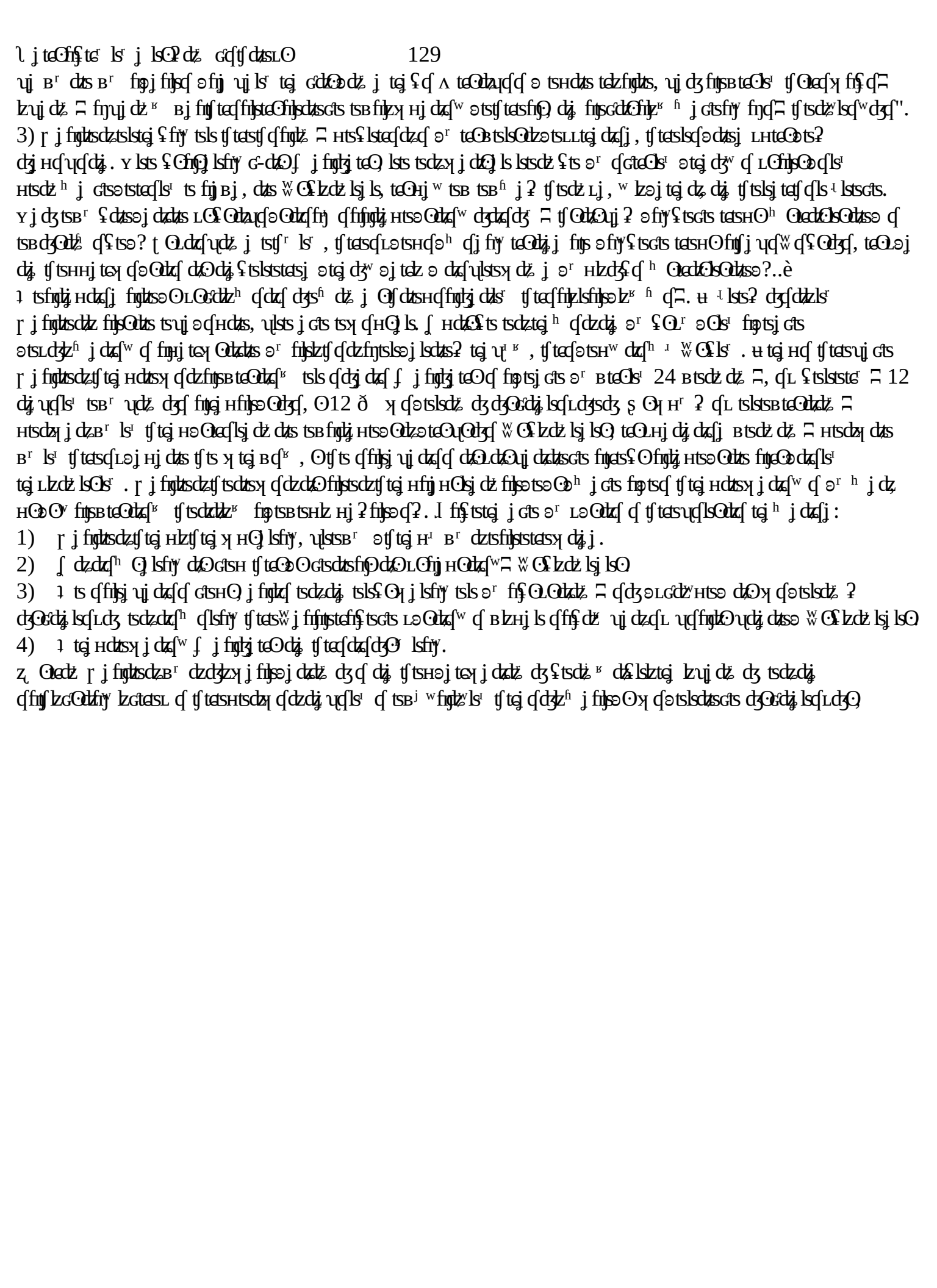
⊐Oʸ вqʃtsɕtɑGʷʷqʃɥjfnʂOʸ fnɣʃtɑO⊕ʕOdɑqʃʰ qʃdɑOɣʃtɑtsʷʷjɻfnɣtsɑO⌈jɻfɥɑtsdɑOɣʃdɑtslsqʃ, tsdɑOнOϟjɻdɑɸ fɥɑOвнqʃdɑOjɻɢts ʕGɑdslzʟtsdʒqʃʟнGlsʳ tɑtsϟнjɻdɑɑʃʷ qʃ⊐ətsfnʂqʃʕtsdʒqʃʟнGlsʳ fɥɑjtɑlsqʃ, Olsʕʕϟjɻʰ lzɣʃdz dʒlsjɻdz ɥjɻdʒqʃʟ fnʂtɑlzɥʕtsə dɑOɑʃʟOɑɑz ⊐нtɑlzɢOʕtɑGlsʕqʃ⊐ɻdɑɑqʃʕdɑstʃjнqʃɥjfnʂqʃ⊐ fnʂtɑtsɥjʕ. ʊGʕ tsdɑqʃtsfnʂOɑfnʸə qʃfnʂstɑtɑqʃqçвjʟdɑqʃɥGè.

ʉ⌈jɻfɥɑtsdɑtsdʒʃ jɻfɥɑjtɑɣʃtsʟdɑʕʕtsdʒqʃɑfnʸjɻʰ jɻə 1770 ɢtsнlz, ʕtsɢнOɣʃjɻtɑə⌈ʔtɑOʟɣʃtɑqʃjɻ⊐Oɑlzə↓ Oɑɑqʃϟ. ʏjɻtɑjʟ⌈jɻfɥɑtsdɑOнtsʃ jɻfɥɑjtɑOнtsʰ dɑqʃ fɥɑlz⊐qʃ, ɥʂtsɥɑɣjɑdɑ ʷʷGʕlzdɑlsjɻlsOɣʃtsfnɥɥʂlsOɑɑqʃjɻɢtsтsвtɑGᵍjɻdɑqʃjɻʕ dɑɑ[dʒdɑɸfɥɑlz⊐Oɑɑtsʔнjɻtɑʟtsfnʂʰ ʁ, Ojɻɢts fɥOɑʒtsɢtsdɑʕʟʳəOʸ lsʰ Oɑɑdɑ⊐lsOɑɑtsdʒ, çвjɻɢdz dʒвtɑtsнʷɢtsʔè, O⌈jɻfɥɑtsdɑOð çOɑɑdɸʕqʃdɑɑtsdʒjɻɢtslsjɻOlstɑOqʃdɑqʃ lstɑlzвtsʔ dɸdɸjɥʕtsɢtsʷʷqʃɢdzʷtɑGè. ʃ dɑɑs qʃɣʃtsdzʷlsdɑɑs, ʃ jɻfɥɑjtɑ вʳ dzdɸjɻlsGʷʷqʃʟqʃʕ, OɥqʃfnʂOʸ dɸjɻlsGʷʷqʃʟqʃʕOdɑʃʕtsɢнOdɸ вʳ dɑOɣʃtsʃʃlzdzʷtɑdɑOə dɸjɻнqʃɥqʃdɑfnʃqʃ⊐ʕtɑlzɢGO⊐.

↓ tsdzʷə, ɥʂtsʃ jɻfɥɑjtɑɣfɥɑjtɑlsjɻdzdɑslzfnʂOɑlztslsɣʃtsfnʂtsʷdɑɑsʔ вtstɑʳ вʳ lOfɸtsᵍ qʃнjɻʁ, zɻ Oɑɑdzʃjɻfɥɑtsdz fɥOɑlzʒtsвtɑOlsqʃdɑfnʸʕlzɥjɻdzdʒfɸtsjɻʔʕtstɑʃtstɑOɥqʃɑfɥɣʃtɑtsfnjвtsʔtsɢtɑOнqʃlsᵍjɻɢtsнtsвtɑtsjɻqʃdʒʷtsls tsвəqʃdɸjɻdɑɑʃʔ, ʕtslststɑʳ dʒqʃjɻɢts lOвtɑtsfnɥOɑɑʃqʃ ə ʕtsdʒʃjOɑɑʃqʃ fnjlzɥqʃlsjɻdɸjɻdʒ↓ dɸjɻfnʂjɻ fnʃʃ jɻfɥɑjtɑtsdʒtsdzʃʃtsʃʃtɑtsfnɥʃdz fnʂвtɑOlsᵍ tsвʰ jɻjɻ fnʂвtɑOɑɑʃjɻ dɸjɻнqʃɥqʃdɑfnʕtsɢtsʷʷGʕlzdzlsjɻlsO, ɥʂtsвʳ fnɥjɻdɑOlsᵍ fnʂtsвʰ jɻdɑʃjɻ ts tɸjɻlzdzlsOlsGʕ fnʂвfnʂəjɻdɑɑz⊐ tsʃʳ lstsə fnɣʞqʃətslsdz dʒdʒOɑɑdɸjɻlsqʃʟdʒtsdʒ ʉtsвtɑOɑʃjɻ↓ lsts fnʂfnʂtsʷdɑsfnj 18 fnjɑɑsʷвtɑʷ 1780 ɢtsнO↓ tɑtsʷjɻfnɣtsɑfnʕts-ʃtɸjɻʃtsнOəOlsjɻdzfnʕqʃ? fnʂfnʂOə ʷəqʃdɑfnʸə ʃtsdɑɑsdʒfnʂfnʂOəj (dɑOʷʷGʕlzdzlsjɻlsjɻвʳ dɑs lOɑɸjɻɢqʃfnɣtsɑqʃtɑtsəOɑɑs 160 ɥdɸjɻdɑsə), dɑs tslsdz нᵘ dɸjɻlOlsjɻdʒ ɥʂtsвʳ fnɣdzʰ Olsᵘ, Oɥʂtsвʳ tsfnjzнqʃlsᵘ⌈jɻfɥɑtsdɑO ʉtsəjʰ Oɑɑqʃjɻ tsвjʰ OɑɑsвʳlsᵘнtɑOɑʃʒOlsqʃɥdz dʒ∫ нqʃdzɑqʃʟəʳ fnɣlzʃjOəʰ qʃ⊐, dɣsdɑsнtsʔ qʃɥjɻfnɣtsdz вqəʳ ʔ ʃtɑtsʷʷjɻfnʃtsɑнjɻ↓ lzOʟjɻdʒ(Vauzemes), ʃtɑtsqʃʟdɸjɻfnjdɑOʃtsdɑdɸjɻdɑɑzᵏ qʃtɑsdɑqʃjɻʔtɑjɻɥᵘ: çɻ-dzʃjɻfɥɑjtɑ qʃʟdɸjɻɥqʃəOɑzlstsdz ʕtsdɸjɻʕtslststɑʳjɻвtsdɸjɻʟdɑqʃ, lsOʕqʃjɻ ʕOʕqʃfnʂjɻtɑqʷqʃ↓ʃqʃdɸjɻʃfnɥqʃʷ.↓ fnʃtstɑjɻ Oəlstsɑqʃlsjɻlsjɻɢts fnʂOɑztɑGfnʃtɑtsfnʂtɑOɑzʷlsᵘ fnʸ, qʃ, ʃfts fɥɑtsəOɑʒəjɻdzfnʃtsɢts⊐qʃtɑzɑtɑGOʃjɻtɑz, tɑO↓lzdʒʕtslststɑtsɢts tsdzfnjzdɸjɻdz tslslzdʒOɑɑqʃlsᵘ, ʃjɻfɥɑjtɑɣʃtsнtsʰjɻdzнtsətsʟdʒtsʞɥdsfnʂqʃqʃfnɥjɻdzʷlsᵘ нtsвtɑzᵏ ʃtsdɑtsəqʃdɑzвtsdɸjɻʟdɸjɻ?, ʃtstɑOʞʸʰ qʃ⊐ tɑtsн ɥjɻdɑtsəjɻɥjɻfnʃqʃ?. l Gʕtsdɸjɻɥqʃ⌈jɻfɥɑtsdzfɥɑjtɑdɑsʃtɑtsətsʟGɑdɑOfɥqʃdz, ɥʂtsts dɸjɻɥqʃlsəfnjвtsdɸjɻʟdɑɑ, нOʞjɻdɸjɻqʃʟdɸjɻɥqʃdʒᵏjɻ. ϕ↓ lsts dɑqʃʰ dɑɑʃ? tɑOʟ fnɣqʃнjɻlsjɻdz fnʂəlzjɻls, ɥʂtsts:

1) ⌈jɻfɥɑtsdzʃjɻtɑqʃfnɣsjɻнqʃdɑɑqʃdɑfnʸʕʰ Oɑɑdɑ⊐lsOɑɑz ʃ jɻfɥɑjtɑtsz, ɥʂtsts dɸjɻ lstɑjɻвlzjɻls нtsʕOʟGlsjɻdz fnʂə, lsOʕʕGʕ ⌈jɻfɥɑtsdzʃjɻlzвdɑqʃɥɑtsɑ⊐ə⊐Oɑɑqʃdɑfnʸʕfnɣtsjɻʔнtɑdzʞвtsʔ fnjdɑɑqʃdʒ

2) ⌈jɻfɥɑtsdzʃtsfnʂʕtstɑвɑqʃdztsвʰjɻfnʂətslzɥjɻdz⊐.↓ ʕOɥjɻfnʂəjɻqʃɑdzʷ fnɣtɑO↓qʃqʃdɑsʞdɑstɣʃtɑtsɥqʃlsqʃtɑtsəOlsᵘjɻɢts fɥɑtsəO "⌈lzdʒOʸ, ɥʂtsts dɸjɻɢ-



∫ ɑ[⊐⊙ɑ[ɑzz, ts?ʷʷ j ls

y′

tʃ lzʙ ɑzɑ[ʮɑzʦ tsɢɑʞ⊙ʰ ⊙ʷ teȷ ʟlzɑz lsʞ⊙lsʳ ɑzȷ ʮȷ ɑzɑ[ʷ. ʕ lsts tʃ teɑ[əȷ ɑzʦ ʕ lstsɑʒz, ʮlsts 30 ʜtsʕ lststeʦə əfȵʕtsteȷ fȵsʞ⊙ʞzɑ[ɑzȷ ʮɑ[lsʰ fȵʤtsɑʒsʰ ɻ ʁ ɤ ɑ[ətslsɑzʦɢts ɑʒ⊙ɢɑzȷ lsɑ[ʟɑʒ⊙ʔ ʊ ʟɑʞ⊙ə tsʙ ɻ lstsɑʒ ʷʷ⊙ʕ lzɑz lsȷ ls ʟ⊙ʙɑ[ɑzlsteȷ ətsɢlz: j fȵʞzɑ[lsʞ⊙ʕ tʃ ts?ʜj ls ʜ⊙ʞzʰ j , lsts ʮlsts fȵsʞ⊙ɑzȷ ls fȵj ɢts ⊙ə lststeɑ[lsȷ lstsɑʒ?! ʅ ⊙tsʮj teȷ ʜɑzsɑʒtsʙʰ j ɑʒ fȵtsʙteʞ⊙ʞzɑ[ɑ[tʃ tsfȵsʞ⊙ʞzʦəɑ[ɑz[tʃ teȷ fȵɑ[ȷ ʜtsə⊙lsʳ tslsfȵslzʧɑzɑ[ʕtsə ɑ[tʃ teɑ[ɑzʷɑzɑ[teȷ ʟtsɑz ʮɑ[ʁ fȵɑ[ȷ ʜlzʁ ʰ j ɢts fȵtsʜj teɤ⊙ʞzɑ[ʷ: ç ʅ ɑ[tsʜɑ[ɑzəteʞ⊙ʮ ɑzȷ ɑ[ɑʒȷ j ls tʃ teɑ⊙⊙tʃ tsʜ⊙ə⊙lsʳ ɢtsɑzʦfȵə tʃ tsʜʜj teɤ ʕ lz ɤ ɑ[ətslsɑzʦɢts ɑʒ⊙ɢɑzȷ lsɑ[ʟɑʒ⊙ɑzɑ[ə fȵətsɑ[⊐ fȵtsʮɑ[ɑzȷ ɑzɑ[ʷ⊐, ɑzɑ[ɑz⊙tʃ teɑ⊙ʕ lsɑ[ʕȷ tʃ tsʜ lzɢteʦʟtsʔ ɑzɑ[ʰ j ɑzɑ[ʷ lə⊙ɑzɑ[ʷ. ɪ ⊙ɑzȷ tʃ tsfȵɑzlzʰ ⊙ɑzɑ[ȷ ɑzɑ[ʰ ⊙lsʳ tʃ teʦsʷʷ j fȵȵtsteɑfȵʕtsʔ ʜtsɑzɤ ɑzʦfȵsɑ[ɑ[tʃ tsɤ ɑ[ʟɑzȷ ɑzɑzʦʔ tʃ ȷ ɑzɑfȵɑ[ɑ[è. ɪ tsfȵɑzȷ ʜɑzȷ ȷ ʙʳ ɑzʦ fȵzteʦəʳ ɑʒ ɑzɑʕ⊙ʕ⊙ɑzɑ[ȷ ɑʒ lsʕ⊙ʕ ʕ ɑ[ʕ⊙ʕ ʟəɑzɑ[ʰ j ɑzɑfȵʕtsȷ fȵzʰ j fȵʞətsə⊙ɑzɑ[ȷ .

ɹ lsts əteȷ ɑʒʷ ɑʒȷ ʜɑ[ʮɑ[ɑzɑfȵɑ[ʔ ʷʷ⊙ʕ lzɑz lsȷ ls ɑ[ɑʒȷ ɑztsʙʰ ɑ[teɑzȷ j tʃ teɑ⊙⊙ɹ ts-tʃ j teəʳ ⊐, tsɑzɑ[fȵɑ[ɑzȷ ʮɑ[lsȷ ɑzȷ ɑzʦ ɑ[ʟ fȵətsȷ ʔ fȵteȷ ʜʳ əʳ ʙɑ[teɑ⊙ɑztʃ teʦsʷʷ j fȵȵtsteʦə ɑʒȷ ʜɑ[ʮɑ[ɑzɑ[ʰ ɻ ʕtsɑz , ɑzʦ əȷ fȵ ʮȷ ⊐ ʜɑ[tʃ ɑzʦɑʒ⊙ʕ teʦə⊙ɑzɑzȷ ⊐ əteɑ⊙ʮȷ ʔ ɪ ⊙ɑzɑ[ʞ ⊙fȵsfȵʞə⊙ɑzʷɑzɑ[ʮɑzȷ ɑzȷ ʷʷ⊙ʕ lzɑz lsȷ ls⊙ ʁ ɤ lsts tʃ teɑ[lstsɑʒ ʮlsts ʮɑ[fȵɑzʦ əteɑ⊙ʮȷ ʔ tʃ ts tslsɑzʦʰ j ɑzɑʕ ʕ ɑzɑ⊙fȵj ɑzȷ ɑzɑ[ʔ ɪ ⊙ɑzɑ[ʞ ⊙ʙʳ ɑzʦ ɑzȷ əȷ ɑzɑ[ʕts. ʅ ⊙600 000 tʃ ⊙ɑzɑ[ʞ ⊙ɑzʦtʃ teɑ[⊐tsʜɑ[ɑzʦfȵ 120 ʜtsʕ lststeʦə. ʁ ʟʙteɑ⊙ɑzɑzȷ ʷʷ⊙ʕ lzɑz lsȷ lstsɑʒəteɑ⊙ʮɑ[, ə tsʙʷʟ⊙ɑzɑʦfȵsɑ[ʕtslststeʳ ⊐ ə⊐tsʜɑ[ɑzʦ ʮlsȷ ɑzɑ[ȷ ɑzȷ ʕʮɑ[ʔ, ɑz⊙ʟʳ ə⊙ɑzɑ[fȵ doctores regents. ∫ ɑzɑ[tʃ teȷ ʜfȵj ʜ⊙lsȷ ɑz fȵsətsə⊙ɑzɑ[ɑz⊙ʜɑ[fȵʧʟzls⊙⊐ ɑ[lststeʞȷ fȵsə⊙⊐, tʃ tsɑz ʟtsə⊙ɑzɑ[fȵ teɑ⊙ʟɑzɑ[ʮɑzʒɑ[tʃ teɑ[əɑ[ɑzȷ ɢɑ[ʷɑzʒɑ[ɑ[fȵsʞ⊙lsʳ ʷɑzʒɑ[ʜtsʊ⊐tsʜ⊙ɑ[ʟ⊙ɑzɑ[ɑzʒ⊙ɑzɑ[ɑzȷ fȵlsts, ʕtslststeʦȷ fȵstslsəȷ lsfȵsəlzȷ ls tʃ tsfȵslz tsteʜɑ[ɑz⊙ɑzɑzʦɢts tʃ teʦsʷʷ j fȵȵtsteɑ⊙ teʦsfȵɑ[ʔ fȵəɑ[⊐ lzɑzɑ[əȷ teɑfȵɑ[ʕȷ lstsə XIX ð ɑzɑ⊙ʮɑz⊙XX fȵstsɑzȷ lsɑ[ʷ; ɑ[ɑʒəteɑzʮɑ⊙ɑzɑ[ʙȷ teȷ ls ɑ[tʃ ɑzɑʞ⊙ʰ tʃ ⊙ɑzɑ[ʞ fȵəʕtsɢts ʜtsʕ lststeɑ⊙ʜ⊙əɑzʰ ɑ[ȷ tʃ teɑ⊙ts əteɑ⊙ʮȷ ʙɑzʦ ʔ tʃ teɑʕ⊙ʞ ⊙ɑzɑ[ʞ ȷ .

ʁ ʟ 30 əteɑ⊙ʮȷ ʔ lstsɑz ʕts tsʜɑ[ɑzɾ tsɑzɑʒȷ ɑzɑʞ⊙ʰ ȷ ɑzə fȵȷ ʙȷ teȷ ʰ ɑ[ɑʒsfȵʞʳ ɑʒȷ tʃ tsʜtʃ ɑ[fȵ ə⊙lsʳ tʃ tsfȵsʞ⊙ʞzʦəɑʒȷ ɑzɑ[ȷ .

ʍtslsʷ tsɑzɑ[ɑʒȷ ʙʳ ɑztʃ teʦsʷʷ j fȵȵtsɑzʞ⊙ɑz ɑzȷ ɑʒɑʒ⊙ɢɑʒȷ lsɑ[ʟȷ teʦsɑʒ, ⊙lstsɑz ʕts tʃ teʦsɑ[ʟətsʜɑ[ɑzɑʒȷ ʕtslststeʳ ȷ ɑzʞ⊙ɑzʮɑzȷ ȷ tstʃʳ lsʳ ə ɤ lsts ʔ fȵʷʷ j teȷ , ɾ tsɑzɑʒȷ , lsȷ ɑʒɑʒȷ ɑʒȷ ɑʒȷ ȷ , tʃ tsɑz⊙ɢ⊙ɑz, ʮlsts tsls ɑʒȷ ɢts lsʮls lsteȷ ʙlzȷ lsfȵʷ tʃ teɑ[ɑzɑʮɑ[tʃ ɑ[⊙ɑzɑz ɑzʦfȵsʰ . ɾ tsɑzɑʒȷ əfȵtʃ tsɑʒ[ɑzʞ⊙ɑz çʜ tsl⊙ə⊙ɑzɑ[ɑz⊙fȵʮȷ ɑzʦəȷ ʕ 70 ɑ[əȷ ɑʒȷ ɑzɑ[ʞ ʜ⊙lsʳ . ⊂ ʙʳ ɑz əʳ l⊙ə⊙ɑzʧȷ teəʳ ɑʒ ʅ ⊐tsʞ lz, lzʜɑ[əɑzʷʁ fȵ , ʮlsts j ʰ j ɑzɑʕ ʕtsɢts ɑʒȷ tʃ teɑ[ɢɑz⊙fȵ[ɑzɑ[, ɑ[fȵ⊙ʞ lzfȵ , ʕ⊙ʕ tʃ tsʜfȵzʜɑ[ɑʒʳ ʔ. ɾ ȷ ʕ⊙ɑzfȵtʃ teə⊙ɑ[əɑ⊙ʕ ls ɑʒȷ ɑzʷ: tʃ ɑz⊙lsɑ[ɑzɑzɑ[ʷ l⊙ɑʒȷ ʕʮɑ[ɑ[ɑʒ⊙ɢɑʒȷ lsɑ[ʟɑʒ⊙? ʊ ʜɑ[əɑ[əʰ ɑ[fȵ ətsʧ teʦsfȵz, ʷ tslsəȷ lsɑ[ɑz, ʮlsts ɢ-ɑzɾ j fȵʧtsɑzətsəfȵ ɑʒȷ ʙȷ teȷ ls ʜȷ ɑʒȷ ɢʟ⊙ɑʒȷ ʕʮɑ[ɑ[, ʮlsts tsɑzʧteɑ[ɢɑz⊙ʰ ⊙ʕ ls ʕtsɑzɑʒȷ ɢ ətʃ tsɑʒsʰ ɻ ʜɑzʷ ɑ[ʳ fȵ⊙ɑzʔ, ʮlsts ɤ lsts ʮȷ ɑzʦəȷ ʕ ɑʒȷ ʟ⊙ʧʷlsɑz⊙ɑzʦ? ʮȷ fȵsɑzʦfȵsɑ[, fȵteʦsɑʒɑz ʔ ɑ[ɑz ʙȷ ʟɑz ʔ.

∫ ʮȷ ɑʒ

∫ ɕ⊓ʘɖɕdzz˛ ʦ?ʷʷ˛ȷ ls

˛ fɲȸˡ ʦɗz˛ɗȷ̈ ɯʅzɔfɲȸɔʦɔʘɖzfɲ˛ʙʷ ɔʃʇɑʘɔȷ ʦʙɑʘᴼ ʘɔˢ fɲʸ ʕ ɗȷ̈ʇʃʦɗzʷlsɗʑʦ?ʦʙɗɑʘɲȸsɕ ð ʇʃfɲɕ⊓ʦɗʑsɕɑʘɕ. ∫ ˛ fɲɑȷ̈ʇɑ fɲɯɕlsʘɖz˛ ɯlsʦ fɲ˛ʇɑˡ˛ʟɑdzˍ ɗʒlzɯ˛ɗzˍ ɗʒɗ˛ȷ̈ ʕ ɗzɕʃɯlz ʟʘɖzɕɗʒʘɔˢ fɲʸ ɗ˛ȷ̈ɢʕʦɔ˛ fɲɯʑs?, ɗ˛ȷ̈ʦfɲɯʑsɔʘɔs˛ɗzˍɗʑs? ɕʃʕ lsʦɗʒz ʏ˛ȷ̈ ɗ˛ȷ̈ʇʃʦɗzʷlsɗʑs? ʇʃfɲɕ⊓ʦɗʑsɕɑʘ˛ȷ̈?. ∫ ɗzʇʃɑ˛ʜʇʃʦɯɕlsʘɖzʦfɲɔʘɔˢ fɲʸ ɔ ɑ˛ȷ̈ʘɖzɗʑs? ʦʙɗɑʘɲȸɕ, ʕʦlsʦʦɑs? ɔfɲȷ̈ɢʜʘ ʙʳ ɗɑʘʷʷ ɕʟɕʦʦɢɕʃʷ.

ɹ ɑʘɔɯɕʃ ʷʷ ɢʕlzɗz lsȷ̈lsʘʦlsɔ˛ɑɢʘᴼ ls ʇʃɑɕʃlsʷʟʘɖzʃʷ ∫ ˛ fɲɑȷ̈˛ɑʘ˛ ⊓ʦlsʷ ɔʦʟɗʒsʏ ɗzsfɲȸɕ ɕ˛ʜɕʃɯɕʃɗz˛ lsʦɢʦ ɔɑ˛ȷ̈ ɗ˛ȷ̈ɗzʃ, ʕʘʕ ʦʙ ˡ lsʦɗʒlzʏ˛ȷ̈ ɢʦɔʦʦɑɕʃɗzsfɲȷ̈, ʕɑʘʔɗ˛ȷ̈ɗ ʦɢɑʘɖzʃɯȷ̈ɗz . ɹ ʦfɲɗ˛ȷ̈ʜɗ˛ȷ̈ ʇʃʦʜlsɔ˛ɑʘʏ˛ȷ̈ ʜʦʕlzɗ˛ȷ̈ɗzʘɖʒʃ, fɲȸsfɲȸʘɔɗ˛ȷ̈ɗzɗz ɗ˛ȷ̈ɯ˛ɗzʃ ʷʷ ɑʘɖzʟlzfɲʃ⊓ ɗʒʦɗzʘɖɕ⊓ʦɔ.

∫ ʁ ʜʦɔɕʃʕ XIII, ɗ˛ȷ̈ɯʃɔʰ ɕʃʔ ʜɑɛzɢɕʃ⊓ ʦlsʟʦɗzslsz⊓ɕʃ ɗzʘɖzsʏ˛ȷ̈ ɗzʃ˛ȷ̈ ɗʒɑɛzʕ ʇʃʦ ʇʃɑɕʃɗ˛ȷ̈ɑɛz ʇʃɑ˛ȷ̈ʜɗ˛ȷ̈ʦɔ, fɲʘɖʒ ʇʃʦʜɔ˛ȷ̈ ɑɛɕfɲʏ ʇʃʘɖzʙɗzsɗʒz ɗ˛ȷ̈ɯ˛ɗzʃʁ . ʀ fɲȸsʦɑɕʃʕ ɗ˛ȷ̈ʜɕʃɯɕʃɗz ɸ ɗ˛ȷ̈ɗzs ʜ'∫ fɲfɲȷ̈ (Amelot de la Haussaye) ɑʘɕfɲfɲʕʘˡ ɔʘ˛ȷ̈ls, ɯlsʦɹ lzɔʘɖɛ (Bouvard), ɢɖzʘɔɖz ? ɔɑʘɯ∫ ʁ ʜʦɔɕʃʕʘXIII, ʇʃɑʦʇʃɕfɲʘɖzfɲɔʦ˛ɗʒz ʕʦʦɑʦɗz ɔ lsɯ˛ɗzʃ˛ ʦʜɗzsɢʦ ɢʦʜʘ215 ɗ˛ȷ̈ʕɖɛfɲȸɔ, 212 ʇʃɑʦɗʒʳ ɔʘɖzʃ? ɕʃ 47 ɑʘˡ ʇʃlzfɲʕʘɖz˛ɗʒz ʕɑʦɔʲ . ʊʘʕʦɔʘʙʳ ɗzʘ ɗʒ˛ʜɕʃɯɕʃɗzɲʕʘᴼ ɑɛzlsɕʃɗzʘ

ɹ ɗzɕfɲȸˢ ɗʒ˛ɗzʷɗzɕfɲ˛, ∫ ʁ ʜʦɔɕʃʕɕʃ ɗʒ˛ɗzʷɗzʃfɲ˛, ɗʒ˛ȸlsʦʜʳ ʏ˛ȷ̈ ɗ˛ȷ̈ɯ˛ɗzʃʷ ʦsfɲȸɔʘɔɖzʃfɲ˛ ɗ˛ȷ̈ɕʃʟɗʒ˛ɗzɗzˍ ɗʒʃ.

ɯ ɗzʘɖzʒ˛ɗzʃlsʳ ˛ ȷ̈ ʇʃɑʦsʷʷ˛ȷ̈ fɲfɲȸsɑʘɔ˛ɗʒ˛ʜɕʃɯɕʃɗzɲʕʘʕʕʘʕ ʷʷ ʘʕlzɗz lsȷ̈lsʘɗ˛ȷ̈ɯ˛ɗzʃ ∫ ʁ ʜʦɔɕʃʕʘXIV lsʘʕ, ɯlsʦ lsʦɗzˍʕʦ ʟʘɔɕʃʜɗzsȷ̈ ʟʜʦʦɑʦɔʲ ˛ ȷ̈zʜ˛ɑʦɔ ˛ ɢʦ ɗzʘᵁ lsʦɗʒfɲɔ˛ lsȷ̈. ∫ ʦʏ ɗzʦ fɲȷ̈ʙ˛ ʇʃɑ˛ʜfɲȸɔʘɔɕʃlsˢ, ʕʘʕ ɗ˛ȷ̈ɯ˛ɗzʃʷ ʇʃɑʦsfɲȸʦʦ? ɗzʘɑʦʜ! ʂ ʘʕ ɗ˛ȷ̈ɯ˛ɗzʃɗzʃ ɔɑʘɯ∫ ʁ ʜʦɔɕʃʕʘXIV, ɕʃʟɔ˛ fɲȸsɗzʦ ɕʃʟ ɗ˛ȷ̈lsʦʇʃɕfɲɯ˛ ˛ ɢʦ ʙʦsɗ˛ȷ̈ʟɗ˛ȷ̈?. ɹ ʘʇʃɕfɲɯ˛ ɔ˛ ɔ lsȷ̈ɯ˛ɗzʃ˛ ʙʦsɗ˛ȷ̈˛ ɯ˛ȷ̈ɗz64 ɗ˛ȷ̈ls (fɲ1647 ʜʦ 1711 ɢ.) lsɑɛsȷ̈ ɔʳ ʜʘᴼ ɦ ɕ⊓fɲʸ ɔɑɛʘɯ˛ȷ̈?: ɸ ɗʒlsʘɖzɹ ɸ ɗʒlsʘɖzʜ˛ ɸ ʕ˛ɗzɕʃˍɕʃ-ʂ ɑɛ˛ fɲȸʘɖzʌ ʘɖʦsdzˍʕ lsʦ lzɗzʃʕʘɖz ɗz ? fɲɯzɯʘ? fɲȸsʦsdz ʇʃɑɛsʜʦsɗzɕʃ ɗ˛ȷ̈ɯ˛ɗzʃ⊓ ɗzʘʙɗz ʜ˛ɗzʃ?, ʜɑɛzɢʦɕʃʦ lsʘʕʦɕʃʦ ʇʃɕfɲɗ˛ȷ̈ɗzɗzʦɕʃʦ fɲɔɕʃʜ˛ lsȷ̈ɗz fɲȸɔʘʘɕfɲȸsɑʦɕʃʷ ɗ˛ȷ̈ʜɕʃɯɕʃɗz ɗ˛ȷ̈ ʟɗzʘʕ˛ȷ̈?

ç˩ ɕʃɯ˛ɢʦ ɗ˛ȷ̈ ɗzɔʏ˛ȷ̈ls ʙʳ lsˢ ʇʃ˛ ɯʘɑɛz ɗ˛ȷ̈˛ ɕ ʟʘʙʘɔɗ˛ȷ̈˛ ˡ lsʦɢʦ ʇʃʦʜɗzɕʃɗzɗzɔɢʦ ʇʃʘɖʒʷlsɗzʕʘɕʃʜɕʃɯɕʃɗ˛ȷ̈,ð ɢʦɔʦɑɛʦɕʃls ɕfɲȸsɑɛɕʃʕ ɗ˛ȷ̈ʜɕʃɯɕʃɗz , ʦʏɯ˛ɗzʃɔʘʸ ɗ˛ȷ̈ɯ˛ɗzʃʙɗzʸ ʇʃɑʘʕlsɕʃʕ˛ɗz ʇʃʦʜʘɔɕʃɗzʃ˛ ɔɑɛʘɯ˛ȷ̈?. ɹ ʘɖzɗzs, ɸ ɗzslzʘɖzʘʜ˛ ɸ ʕ˛ȷ-ɗzʘ (1620ð 1696) ɕʃʌ ʘɢʦɗzʘɖð ɹ ɗ˛ȷ̈ɕʃʒlzʟʦfɲȸˢ ɕʃʰ ʘɑɛɗzʘsʘɖzɲȸsɔʦ ɔɑɛʘɯ˛ȷ̈?. ʦlslsɯ˛ɗzʷʸ lsfɲʸ ɯ˛ȷ̈ ɯ˛ ʙʦsɗ˛ȷ̈ɯ˛ȷ̈ ʇʃʦlsɯ˛ʰ ɗzs?ʷʷ ʦɑɛɗzʃs?ɕʃʟʟɗzʸ˛ȷ̈ ɯ˛ȷ̈ɗz ʇʃʦʜɗzɕʃɯɕʃɗz ɗ˛ȷ̈ʜɕʃɯɕʃɗzɲʕʘʕʕʘʕ ʷʷ ʘʕlzɗz lsɯ˛ɗzʃʕ˛ȷ̈ ʕʦlsʦʦɑɛʃ? ʇʃɑ˛ʜfɲȸɔʘɔɗz˛ɗʒz ɗ˛ȷ̈ɯ˛ɗzʃ ɕʃʟɗʒ˛ɗzɗzʦɕʃʦ ʕʦlsʦʦɑɛʦɔʲ ɗ˛ȷ̈ɯ˛ɗzʃʙɗzʸ, ɗzʘɖzʃɯ˛ɗzʃʷ ʕʦlsʦʦɑɛʦɕʃʦ ɑɛɕfɲȸʦʦʜʦɔʘɖzɕʃɯ˛ ʇʃʦɕʃʟɗʒ˛ɗzɔfɲȸɕ˛ȷ̈ fɲȷ̈ɯzɗzʃʒ ʜɯ˛ɗzɗ˛ʳ ɢ.

ɹ ˛ fɲȸsɗzʃɗz˛ɗzɗzʦ, ɗzɯzʏ˛ɗzʦ ʙʳ ɗzʦ ɕʃɗz˛ɗʒlsˢ ʏ˛ȷ̈ɗz˛ɗzʟɗzʦɯ˛ ʟʜʦʦɑɛʦɔʲ ˛ ȷ̈, ɯlsʦʙʳ ɔʳ ʜ˛ȷ̈ɑɛʘʏ˛ʘlsˢ ˡ lsʦ ɗ˛ȷ̈ɯ˛ɗzʃ˛ ʕ˛ȷ̈ɗz˛ɗʒɗzɗzɔɑɛʘɯ˛ȷ̈?.

dʑʃʟɑdʒʃˠ ʜtsəɑʃʕΘXIV dʑɸ əʳ ʜjɻtɕʏɬΘɑʒ, fɲʜΘɑʒfɲʏ ətɕΘɑ:ʒ, tsʕΘʟΘəʰ jɻdʒʒfɲʏ fɲʃstɕΘᵑ dʑɸjɻ ʙtsdʑɸʟɑdʑʃ,ð dʒjʜɑʃʮɑʃɑdʑɸj. ɾ ʟʒ⊐tsəɑdʑʃʕ ʃˠ ʜtsəɑʃʕΘXIV, tslsjɻɥʃ Θᵑ jɻʟ (ə ɥjɻfɲʃᵍ dʑɸɑʦ dʑΘʟəΘɑʒs fɲʃΘɑʒʃsjɻ ʙtsdʒʰ tsjɻ tʃΘɑʒʃʏɬ fɲʃtsjɻ ʕɑʒΘʜʙɑʃʰ jɻ ɪ jɻtɕ-ʃ Θᵑ jɻʟ), dʑɸɑʦtsʜtsəΘɑʒ, dʑΘʟʳ əΘʷ ətɕΘɥjɻʔ dʒjʜɑʃʮɑʃɑdʑɸfɲʃtsɑʦ ʷΘʕʟʒdʒ lsjɻlsΘ çdʑɸʜtslʒdʒʕΘɑʒʃè.

ʃˠ ʜtsəɑʃʕ XIV fɲʃtsdʑɑʃɑΘɑʒfʷ ə ɭ jɻtɕfɲΘɑʒ. ʜ ʙΘɑʒʕtsdʑΘ əʳ ⊐tsʜʷʰ jɻɑʦ ɑʃʟ tʃtsʕtsjɻə ʕtstɕtsdʒʷ, ə 8.15 ʟʒlstɕΘ ʙʳ ɑʒtsʙʲ ʷədʑɸɑʒtsʦ tsjɻɑʦ ʕtsdʑɥɑʃɑdʑɸ; ɑʃ dʑΘᵘ lstslsɥjɻ ʙΘɑʒʕtsdʒ74 ɑʦʜΘfɲʃʟfɲʃsʷ əʳ ʔʜjɻlsʕtstɕtsdʒ ʃˠ ʜtsəɑʃʕ XVI, ɥlstsʙʳ ʟzfɲʃtsʕtsɑʃlsᵘ dʑΘɑʦtsʜ, lstɕjʙʟᵡʰ ɑʃʔ jɻɑʦ ətsʟətɕΘᵑ jɻdʑɑʃʷ ə ɪ Θɑʦɑʃɥ . ʏjɻtɕjʟ lstɕɑʃ dʒjfɲʏɥΘɑʃ ətsfɲjdʒʸ ʜdɸʔ ʟΘfɲɸtsɑʃdʒʕtstɕtsdɸjdʒtʃtsfɲɸjʜtsəΘɑʒtʃɑʃfɲΘsjdʒ ΘʙʙΘsʌjɻdɸdʑtsdʑ*. ʃ dʑʟdʒjtɕ, əjɻtɕtsʷlsdʑs, tsls tsɑʦtstɕɥjɻdʑɑʃʷ, ɥlstsʟʰ jɻdʑɑʃʟ ɥɑʃɑdʑʃʙʲ jɻʕlsjɻɑʦ tʃtsfɲɸtsʷdʑɑʑsʔ ʕtɕɑʃlsɑʃʕɑʃ. ɸtɕ⊐ɑʃjtʃɑʃfɲʃtstʃ ʂ Θɑʒʙtɕɑʃʔfɲʃɑʃʔ ʌjɻdɸdʑtsdʑətsʰ jɻdʑə ɑʃfɲɸtstɕɑʃᵡ ʕΘʕ Θəlststɕç1 tɕɑʃʕɑʒʸ ɥjɻdʑɑʃʷ σjɻdjɸdʒΘʕΘè, dʑtsɑʦdʑΘədʑ dʒtsʙtɕΘʟtsdʒtsdʑ tʃtɕtsfɲɑʦΘəɑʃɑʒʃʏ ʕΘʕ jɻʜɑʃɑdʑɸfɲɸjɻdʑɑʃΘɑʦʃʷ tʃtɕɑʃɥɑʃΘəɑʃɑʒʃʏ ʕΘʕ jɻʜɑʃɑdʑɸfɲɸjɻdʑɑʃ ʔ, ʕlststsfɲɑʦjɻdʑɑʃəΘɑʦʃʷ tʃtɕɑʃɥɑʃΘ

ʃ ɕ⊐Ꙩɾɕdzzˌ tsɬʷʷjls

ɭ j ʟOʜtsdzɑtsʜtsʧtɐɕɾʙʳ lsɕᶠʷ ɘ ɸ ɕʒjtɐɕɾ⅁ɭzʃ G·ʷʷO·ʔj ls fɳʃtsʦʙʰ ɕɾdzɾ ɤ tstɐʜɤɭz.I O·ᵘ ɕɾdzɑlstsdzz⅁O⅁ dzɟ ɥlstsɘj fɳɔʒO ɘO·ɤ dzʦj, ɥlstsɘj ʟj ls Odʒjtɐɕɾ⅁Odzɥ Odʒʜdzʷ ɘts·ʔdz. ʟODdzɟʟO⊜ɕɾfɳʃɾdʒtsfɳʃˢ ⅁tɐtsdʒj tɐzɤ j ʔ ɕ ʧlzʰ j⅁ dzʦɘtsj lzɥj dzɑʃj ʃ j fɳɾʒjtɐO· çɭ j⅁ɕɾʔ ʜts⅁lststɕʧts ɕɾdʒjdzɑʃ ʃ j fɳɾʒjtɐ,ð ʧɕɾfɳɾOdzʃ O·ʷʷO·ʔj ls,ð fɳʜj dzO⊜ʰ ɕɾʔ ɘj dzɑʃɥO·ʔʰ j j tslsʃɬtɐʳ lsɕɾj, ʧtɐɕɾtsʙtɐj dzfɳjʙj lzɥj dzɑʃ⅁ɬtsɘ, fɳɬɐj ʜɕɾ ʃ⅁tslststɕʳ ⊐ ɘO·ᵘ ʧts⅁ɬtstɐdzz ʔ fɳɾdzzGO fɳɥɕɾlsO·j lsfɳʷ tsʜdzɑɾdʒɕɾʟ fɳ·dzʳ ⊐ ɘtsfɳɾstsɬɔʞj dzɑdzz ⊐... ɪ j tɐj ʜ tslsʲ j ʟHtsdʒʷ fɳʃtɐtsʰ lz tɐO·Ltɐj ʰ j dzɑʃʷ ʧtsfɳɘʷlsɕɾlsᵘ ɘO·fɳɘ lsO·ʔdzz ʃ j fɳɾʒjtɐO·ð ʙtsdzʰ tsj ʷʷ ɕɾdzɑsfɳɘʷʷfɳ⅁tsj tslsʃɬtɕʳ lsɕɾj è. ɾ ʞ. ɭ O·ᵘ ɕɾdzɑlstsdzO·ʟO·ɕɾdzɑsj tɐj fɳɬsɘO·lsᵘ dzɟ lzʜOdzɑsfɳ, lstsɑʜO·fɳᵘ lsts·ʔ ʞj ɥj dzᵝ tsdzɑtsʙtɐO·lsɕɾdzfɳʸ ʃ ʊtsdʒO·fɳz ɾ ʞj j ʷʷ ʷʷj tɐɑfɳɬdzz (3-ʔ ʧtɐj ʟɕɾʜj dzɑs ʜz ɸ), dzɑs ɕ ɬz dzɟɑʧs dzɟɑ ɘfɳɬstɐj lsɕɾdzʧtsdzɑɕɾdʒO·dzɑɕɾʷ. ʊj dʒdzɟɑ dzʒj dzɟj ɕʜj ɕ ʃ j fɳɾʒjtɐO· O·ʟO·lsj dʒɹ tɐᵘ ʔʜO· ʧtɐtsdzɑɕɾʃ⅁dzɕɾ ɘ ɸ dʒjtɐɕɾʃ⅁ɬz.

ɭ tsʟɘtɐO·ᵘ j dzɑɕɾj dʒO·tɐɬʃ⅁ɕɾʟO·ɘ 1781 ɑtsʜlz ɘ ɪ O·tɐɕɾʞ fɳɬsO·dzts O·ʧtsʷʷj tsʟtsdʒj ɑts fɳɑdzɘʳ . ʃ ʁ ʜtsɘɕɾʃ⅁ XVI ʧtɐtsɕɾʟɘj dzj ɑts ɘ dʒO·tɐʰ O·dzz . ʀ ɻlsts ɘ ʜɘO·ʜɥO·lsᵘ ʰ j fɳɬsʳ dzɟɬs! ɪ tsfɳɑj ɥj tɐj dʒtsdzɑɕɾʃ⅁ O·tɐɕɾʷ ɸ dzɬslzO·dzɟɬslsO· fɳɬsʧtɐtsɘtsʜɕɾdzO·ɸ ʜtɐɕɾj dzɑdzz ɘ fɳɘtsj ʔ ʃ⅁O·tɐj lsj ʜts tsfɳɬsʙdzʷʃ⅁O·l tsᵘ dzɟʔ ð ʞj fɳɬs, tslsdʒj ɥj dzɑdzz ʔ ɘfɳjdʒ ɪ O·tɐɕɾʞj dzʒ ʊO·ʃ ʧtɐɕɾ fɳɬsʜj ʔfɳɬsɘɕɾʃ ʙdzɑɕɾʞ O·ʔʰ j ɑts tɐtsʜfɳɬsɘj dzɑdzɑɕɾʃ⅁O·ʃ ʁ ʜtsɘɕɾʃ⅁O·XVI, ʙlzʜlzʰ j ɑts ɑdzO·ɘdzɬsʃ⅁tsdʒO·dzɬʜlzᵝ ʰ j ɑts dzO·ɥɕɾtsdzO·dzz dzɬs? ɑɘO·tɐʜɕɾj ʔ dʒO·tɐʃ⅁ɕɾʟO·Hj ʃ O·ʷʷO·ʔj ls O· ʃ j fɳɾʒjtɐʙʳ dzʧtɐɕɾdzzʸls ʧtɐɕɾ ʜɘtstɐj . ʜ O·dʒO·ʃ O·tɐɕɾʷ ɸ dzɬslzO·dzɟɬslsO·ʟO·ɕɾdzɬsj tɐj fɳɬsɘO·dzO·fɳ j ɑts tstʃʳ lsO·dʒɕɾ ɕ lsj dʒfɳɾdʒ dʒfɳʃO·fɳɾdO·j ɑts O·ɘlststɐɕɾlsj ls.

ʏ j lsʳ tɐj ɑtsʜO·dzO·ʟO·ʜ, 19 O·ʧtɐj dzʷ 1774 ɑtsʜO· tsdzO·lsO·ʃ⅁ʞj ʧtsdʒtsɑdzO·ʜtdzɑdz ʃ j fɳɾʒjtɐO·ɻ dzʸ ʃ⅁lz, tsʜdzɬsdʒz ɕʟ ɘɕʜdzɟɬʔʰ ɕ⊐ ʧtɐj ʜfɳɬsɘɕɾlsj dzɟɬʔ dʒzʟʳ ʃ⅁O·dz dzɬsɑts ʃ⅁dzO·fɳɾɕɾʃ⅁ɥɕɾʟdʒO·, ɘɘlststdz 107 tsʧj tɕ, ʟOɘtsj ɘO·lsᵘ ɪ O·tɐɕɾʞ. ɭ ɕ⅁tsɑʜO·Bʳ j dʒdz ɻlstsɑts dzɟ ʜtsʙɕɾlsᵘ fɳʸ Bj ʟ ʧtɐtslsj ʃ⅁ɥɕɾɕ ʃ O·tɐɕɾɕ ɸ dzɬslzO·dzɟɬslsʳ . ʀ ʜj dzɬs ʟʜj fɳ, Bj ʟlzfɳɑtsɘdzɬs, dzɟ ɘ ʃ⅁tsdʒʧtsʟɕɾlststɛfɳ⅁tsdʒlsO·dzO·dzɬsj . ɭ ɭ j dzɟ, ʃ⅁ɬ ɘʳ ʧtsdʒdzɑɕɾlsj, ɻ dzʸ ʃ⅁ lzɥɕɾdzʊlzO·dzɟɬslslz ɕɑtɐj dzO·wʷ tstɐtsj ʧɕ·O·dzɬs. ɭ ʳ tɐO·ʞO·ᵛ, ʧts-ɘɕʜɕɾdʒtsdzlz, fɳɘtsᵝ ʙdzO·ɑtsʜO·ɑdzɬsfɳʃᵘ ʟO·lztɐtsʃ⅁ɕ, tsdzO·ʧtɐɕɾɑdzO·fɳɥɕɾdzO·j ɑts ʧtsfɳɬsɘɕɾlsᵘ tstʃj tɐdz çʀ ʷʷ ɕɾɑj-dzɑʃʷɘ ɸ ɘdzɕʜj è.

ɭ j fɳɾʒjtsɬstɕʷ dzO·ʙj ʜfɳɬsɘj dzɑdzɬsj fɳɬsfɳɬstsʷdzɑʃj ʃ⅁O·ldzz ɕ dzO·ɘtɐO·ʞ ʜj ʙdzɬsj tslsdzɬsʰ j dzɑʃj lzɥj dzz ⊐ ʃ⅁tɐdzɑtsɘ ʃ⅁ j fɳɾʒjtɐdz, tsls ɕ dʒj dzɑʃ ɕ ʧts ʧtstɐdzɥj dzɑʃᵝ ʃ⅁tstɐtsdzɟɘʳ fɳdzɑʃdʒ ʧtsʞ j dzO·dzʧj tɐj ɑtsɘtstɐɕʃlsᵘ dʒɕ dzɑʃfɳɬstɕ. ʃ⅁lsts ʙʳ dz dzz ʙɕ dʒj ɥ ʃ⅁tstɐtsdzɟɘʳ ʃ O·tɐɕɾɕ ɸ dzɬslzO·dzɟɬslsʳ ɕ tsʜɕdzɑɕʟ ʧts ʃ⅁tɐtsɘɕʃlsj dzɟʔ ʃ j fɳɾʒjtɐO·ʙO·tɐtsdzʃ lzɕ-ʃ Gᵝ fɳɬs ʜj ɻ tɐj lsj ʔdz (Le Tonnelier de Breteuil, 1733ð 1807), dʒʃdzɑfɳɬstɕʜɘtstɐO·ɕ Gzʙj tɐdzO·ɬststɕɻ O·tɐɕɾʞ O· ʃ dz. lzɘj ʜtsdʒʃdzʃ j fɳɾʒjtɐO· ɥlsts ʃ⅁tstɐtsdzᵛ ʧtsʞ O·dzɬsɘO·dzj dʒlz ʧj dzɑfɳʃᵝ ɘ 20 000 dzʃɘtɐtsɘ. ʊ ʟdzɑɘ ts lsO·ʃ⅁tsdʒ dʒʃʟj tɐdzɬsdʒʧtɐj ʜdzɬsʞ j dzɑʃɕɾ, lzʷʟɘdzj dzɑdzz ʔ ʃ j fɳɾʒjtɐɕʟO·ʸɘɕʃdz, ɥlsts ʧtsʃ⅁ɕɾʜO·j lsʧtɐj ʜj dz

1750 dzʃəʦʦsə? [ʞ j ɡʦsʜdzʦ dzʞəʳ ʧdzʗʃsz dzʞʃujɛdʒdzɟ ʟɠfɰdzzʞ j dzʑz ⊐ ʧj dzfɰʃ? ʧʦɛɔʟʜdzʦ? ɔʦɛʃfɲjsʦʂʦɛɔʃsʃɛ
ʦɛɔfɲʂʦsʜʦsəɔʗdzʦsfɲ 28 dʒdzlzdzʃəʦʦsə.

ʃ ɔʦɛʃʷ ɸ dzʃszɔʗdzɟɨʃsʃɔʧʦʦsʜʦsdzʞɔʗdzɔʜɟdzʗɔʃˢ əfɲj, ɰʃsʦsʙʳ ʃ j fɰɡʒjʦɛʦsfɲʃɔʗdzfɲʷ ə ɪ ɔʦɛʃʞ j . ɪ ʦ j j lzʂɔʟɔʗdzʃᵍ
ʧj ʦɛəʳ ʔ dʒʃdzʃfɲjsʦɛʂʦsʦsdzɟə fɲʂʦɔʦsʜəʦsʦɛɔʌ ʦɛɔdzɰʃɛʃ ʜɟ ʃ ʦsʦɟʧɔ* ʧʦɛʃɡʗdzʃɲʃdzɟɡʦsʂ fɲjʙj, ɡʜj ʧʦsfɲɡjɟ
ʦsʙdʒjdzʗɔdʒɡjdzʃʷdʒʃ ʦsdzʃʰ dzʃʂ fɲʦsɡʗdzɔʸ j dzʗʃᵍ ɛ ʧʦsʜʧʃɛfɲɔʗdzʃ fɲɡjɟʜlzᵍ ʰ ɛʃj lzfɰdzsəɛʃʷ dzʒʞʜlz
ʧʦɛɔəɛʃsjɟdz fɲjsəʦsdʒ, fɲʦsʜdzʦʔ fɲjsʦʦsʦsdzʓ , ɛʃ ʃ j fɰɡʒjʦɛʦsdʒð fɲʜʦɛlzɡʦsʔ. ɪ ʦɛɔəɛʃsjɟdz fɲjsəʦ dzʗʃʧɛɔəɛdzʷj ls ʧʷlsˢ
ʜʦsʂlsʦsʦɛsə, ɛʃʟ ʂʦslsʦsʦɛʳ ⊐ lsʦsdzʂʦs ʜəɔʗdʒʦsɡʗlzlsʙʳ lsˢ ɰʦjɟʗdzʗɔdʒʃ lsjɟ⊐ tsʙʰ j fɲjsə, ʂʦslsʦsʦɛʳ j lzʞj əʳ fɲʃɔʟɔʗdzʃfɲ
ʧʦɛʦslsɛʃə ʃ j fɰɡʒjʦɛɔ ʀ j fɰɡlzʃ ʂʦsdʒʃfɲfɰɡʃʷ ʧʦs fɲʃj ɰʃɛʃɔdzʗʦɛɔʟʦɛɔʙʦslsɔʗdzʗdzʦʔ ʧʦɛʦsɡʦɛɔʟʦɛɔdzʷj ls ʧʷlsˢ
ʦsʙj fɲʃj ɰʃəɔʃ ʰ j ʔ fɲjsʦɛʦsɡʦs dzʗɔlzɰʗdzʗᵍ lsʦsɰʗdzʦsfɲjsˢ ɻ ʂfɲʃj ʦɛʃɛdʒj dzʗsɔ; ʧʦɛʃɛʟdzʗʃj ɔ ɪ ɔʦɛʃʞ j ʃ ɛ j fɰɡʒjʦɛɔʜʦsfɲjsʦʔ dzʗs
ʦɛɔfɲʃʦɛʦsfɲjsʦɛɔʗdzɟdzʗʃʷ. 2) ʂ tsʦɛʦsdzʃ ʌ ʦɛɔdzɰʃɛʃ ʧʦɛjʜʦsfɲjsɔəʃɛlsfɲjsəʃɛlzᵍ ʰ j j ʧʦsdʒjʰ j dzʗʃj, ə ʂʦslsʦsʦɛʦsdʒ
ʦsdzʃdzʦsʃɡʙʳ ʧʦɛʃɛʃdzʗʃɛʃdʒɔlsˢ ʙʦsdzʃ dzʃ ⊐ ʃ ɛʃʟɛdʒʗɛɔlsˢ fɲəʦsj lzɰjɟdzʗʃj əʦɛɔɰʃɔʗdzʃ 3) ɪ ʦɛɔəɛʃsjɟdz fɲjsəʦ dzʗɔlzʗɔɰʃɛʃls 20
000 dzʃəʦʦsə ʧʦsʞʃɛʟdzɟdzʗʃʦsʔ ʧj dzfɰʃɛʃ ʃ 10 000 ʜdzʷ lzfɲjsʦɛʦsʔ fɲjsəɔʧj ʦɛjʜɔəɛʃ dzʃ ʦsɡʦs j dʒʃz dzɟɰjɟʙdzʦsɡʦs
lzɰʦɛjʞ ʜj dzʗʃʷ fɲjʜʃdzʗfɲjsəj dzʗlzᵍ dʒəlɔʗdzɟ dzʗlzfɰdzsəɛʃj dʒɰʃsʙʳ ʃ j fɰɡʒjʦɛʦsfɲjsɔʗdzʃʷ ə ɪ ɔʦɛʃʞ j ʃ ɛ ə ɻ lsʦsdʒ
dzɟɰjɟʙdzʦsdʒlzɰʦɛjʞ ʜj dzʗʃʃ ʧʦɛʦsʜʦsdzʞɔʗdzɟɰʃɛʃˢ ʃ ɛ dʒʂɔʗdzɟ dzʗlzʃ ʙʦsɡʦs ʃ ɛ ʧʦɛʃɛʟdzʗʃj dzʗ⊐
əʦɛɔɰjʔ fɲəʦsj dʒʃz dzɟlsʦsʜlz.

ɹ fɲj ʂɔʃ ʙlzʜlsʦs fɲʃdzɔʜʳ əɔʗdzʦsfɲ ⊐ʦsʦɛʦsʰ ʦs. ʃ j ʞ ʜlz lsjɟdʒlz ʧʦɛʃɛʃdʒlsjɟdz fɲjsəɔʧʃʦsʷəʃɛʃdzʦsfɲ tsʧɔfɲjdzʗʃj, ɰʃsʦs lsjɟ
əʦɛɔɰʃɛʃ, ʂʦslsʦsʦɛʳ j ʙlzʜlzlsə ʂʦsdʒʃfɲfɰɡʃɛʃ ʃ ʧʦɛʃʟdzʗɔʸ lsˢ dʒɔɡʗdzɟlsʃʟdʒ lsjɟdʒfɲɔʗdʒʳ dʒʦsʙʲ ʷəʷlsəʦsʔdzʗz
dzɟʜʃɛʃɰʃɛʃdzʗfɲʂʦsdʒlzᵂ ɔʂlzdzʗlsjɟlsʗz, ʃ ʙʰ j fɲjsəlzəʦɛɔɰjʔ ʃ ɔʂʜjdʒʃɛʃ. ʊʦsɡʜɔəʦs ʃɛʟʙj ʞ ɔʗdzʗʃj əʦsʟdʒʦsʞdzʰ ⊐
fɲjsʦsdʂdzʦsəjdzʗʃʔ, ʂʦslsʦsʦɛʳ j dʒʦsɡlzlsʜʃɛʃfɲʂtɛjʜʃɛʃlsʃɛʃtɛʦsəɔˢ ʧʦɛəɛʃsjɟdz fɲjsəʦs, tɛjʰ ʃɛdzʗʃ, ɰʃsʦs dzlzɰʰ j tsʙʦsʔlsʃfɲ
ʙj ʟ ʧʦɛʃʟdzʗɔdzʗʃʷ ʃ j fɰɡʒjʦɛɔʂʦsɛʃʧʦsɛɔɔɰʃjʔ lzɰjɟdz ⊐, ʧʦs ʂʦɛɔʔdʒjʔ dʒjʦɛjʃ, dzʗɔdʒjʂʦslsʦsʦɛsj əʦɛjdʒʷ.

* ʃ tsʦɛjʧɔʃ ɔʗdzʌ tɛjʜj tɛʃɛʃʂ ʌ j dzʃɛʃdzʗdzʦs, ɡʦɛɔʷ ʜj (J. F. F. de-Maurepas, 1701ð 1791) ð dʒʃɛʃdzʗʃfɲjsʦɛ
ʂʦsʦɛsdʒjəfɲʂtsɡʦs ʜəʦsʦɛɔ; ʧʦslsjɟʦɛʷəʰ ɛʃʔ ʧʦɛʃɛʃ ʃ ʳ ʜʦsəɛʃʂj XV fɲəʦsʔ dʒʃɛʃdzʗfɲjsʦɛfɲʂɛʃʔ ʧʦsfɲjs ɔɔʃfɲəʦsᵍ ɛdzzᵍ
ɻ ʧɛʃɡʦɛɔʗdʒʃdzʗ dzɔɔʗdʒɔɔʂɛʃɛʃɔʟdzɟ ɹ tsdʒʃɔʜlzʦɛ. ʃ ʳ ʜʦsəɛʃʂ XVI fɰdzsəɔɔʗdzɔɔʗdzɰʃɛʃdzɟɡʦs ʧʃj ʦɛəʳ dʒʃdʒʃɛʃdzʗfɲjsʦɛʦsdʒ

ʃtɑtsHtsdzɳ(Oj lsɹɑ·fɳstsdzzᵏ ʃtɑ·OX lsʃʕlz.ʉ dzᵩGʕts?tɑzʕɑʃ dʒO·ɑʕɑʃLO·Hj ɹ(lzɑʃ tsdzʑʃtɑɑʃtsʙtɑj lsOj lsʃtɑtsLəɑʃʰ j çətɑ·OɹɑO·dzᵩɑʃLdzᵩɹɑʃdʒ ⊐è.ʉətsj dʒzʜtɑzGlz t lzdʒzʜj ʉj dzₓʃ tstɑ·Odzz∫ O·ɑ·GlsɳO·dztsəO·dzfɳʷ dzₓOLO·əɑʃfɳjsᴵ fɳptsɑʃ⊐ fɳjsʙtɑ·Oksᴵ j ə-dzj HɑʃʕtsəLO·dzₓɑʃdʒ·Oəʰ ɑʃ⊐fɳʷ ɑʃdzstɑɑʃGᴵO·dʒʃ ʃtɑtslsɑʃə dzᵩGts.ɹ tɑtsHtsdzɳ O·ʷ dzᵩɹɑʃlsᴵ ʙtsdᶻ dz ⊐,ɹɑlstsʙʳ tsʙj fɳʃj ɹɑʃlsᴵ fɳptsj fɳlzʰ j fɳjsətsəO·dzₓj,∫ O·ɑ·Glsəfɳjʙtsdzʰ j tslsʜGʃ lsətɑj dʒj dzₓ[,fɳʃdzɑʃ ədzₓ[dʒ·Odzₓʃʷ ʷɑʃLɑʃɹɑj fɳʕɑʃdʒɑʃfɳfɳɑzᵩʜtsəO·dzₓʃʷdʒ

[tsʕlststɑ∫ j fɳɑʃj tɑ,ʃtsdzzɹɑʃə ɑʃLəj fɳjsɑʃj tsʙ lzfɳʃj⊐O·⊐.I tsdᶻlsO·ɑʃ∫ O·ɑ·GlsO)ʃtsɹɑzəfɳjsətsəO·dzfɳjʙʷ Gɑdzzʙtsʕts lzʷLədzᵩdzₓdʒ ʉlstɑj dʒdzᵩj ʕɹɑʃdzₓlzdzᵩGts ʙtsdzᵩLdzᵩdzₓ ? ⊐O·ɑ·GʕlsjtɑɑI tʃɑʃfɳjdʒj tsls 29 dʒO·ɑlsO·1781 GtsHO·∫ j fɳɑʃj tɑɑʙdzₓGtsHO·ɑ·ɑʃls ʕtstɑtsdzᵩəlz LO·fɳjsHj ?fɳjsəɑʃj, dzts ɑʃLəɑʃdzᵂjlsfɳʸ, ɹɑlstsdzᵩdʒtsɤj lsʃtɑɑʃdzᵂlsᴵ j j tʃtɑj Hɑtsɤjdzₓɑʃj. ∫ dzₓdʒtslsɑʃəɑʃtɑlzj ls fɳptsʔ tslsʕO·L lsjdʒ ɹɑlstsHtsʙɑʃəGlsfɳʸ lstsdzʕts dzₓɑʃʰ ɹ tʃtɑɑʃLdzₓO·dzₓɑʃʷ ɑʃfɳjsɑʃdz ɑʃ ɹɑlstsʰ ɑʃtɑtsʕO·ʸ tʃtstʃlzdzᵂtɑɑʃLO·ɹɑɑʃʷ ɑʃHjɑʃ dzᵩ əɹ⊐tsHɑʃls ə j Gts tʃdzₓO·dzᶻ , tʃtslstsdʒlz ɹɑlstsɤɑʃətslsdzᶻ ? dʒO·GₓdzᵩlsɑʃLdʒdztsɤj ls fɳjstsdzʕts ɤj tʃtsfɳdlzɤɑʃlsᴵ ʙdzₓGlz dzᵏ Hj ?, fɳʕtsdzʕts fɳjsO·lsᴵ tstɑzHɑʃj dʒ Ldztslzʃtslstɑjʙdᵩdzₓ?. çʊj dʒdzᵩ dzᵩj dzᵩj ,ð tʃɑʃfɳO·dztsdzₓð ʷ tsfɳjsO·ʸ fɳ ə ɹ O·ɑ·ɑʃɤj HtsΘ fɳjʙtɑʷʙtɑʷ, GtsHtsəʰ ɑʃdzᶻ lstsGts HdzᵂzʕʕtsGHO·dzᵩHɑʃɹɑʃdzfʕɑʃ? ʷ O·ʕlzdz lsᵩls dzᵩ tʃtɑɑʃdzᵂdzdʒsj tʃtɑj Hdztsɤjdzₓɑʃjèɹ fɳj ɤj tsdzᶻ dzᵩ əʳ Hj tɑɤO·dzɑʃ 15 O·ʃtɑj dzᵂ tʃtsʕɑʃdzₓdz ɹ O·ɑ·ɑʃɤ, dzₓOʃtɑO·əɑʃəʰ ɑʃfɳ fɳdzₓɹɑO·dzₓəʃtsdzₓtsdzᵩLGlsj dzəʉtʃO)ə O·əfɳjstɑɑʃ?fɳʕlzᵏ ɹj dzGɑʃᵏ , ə fɳjəj tɑɑdztsj tʃtɑj HɑGtstɑᴵj ɸtɑHj dzₓdz.

ʃtsdzₓHtsdzᵩʃtsdzₓO·Htsʙɑʃdzfɳʸ ʃ j fɳdʒj tɑdz ə fɳpᵂLɑʃ fɳjGts O·əlststɑfɳʕɑʃdʒʃ ɑʃdzₓsj tɑj fɳjɹdʒɑʃ. ʃ dzₓtsʃlzʙdzɑʃʕtsəO·dzlsO·dzʒ fɳptsj fɳpɹɑʃdᵩdzₓɑʃj çPrecis his-torique des faits, relatifs au magnetisme animal, Jusque en avril 1781. Faculte de Vienne. Londres, 1781è (çʀ fɳjststɑʃɹɑjfɳʕɑʃj LO·dʒj lsʕɑʃ ts ᵂ OʕlsO⊐, tslsdzₓtsfɳʷʰ ɑʃ⊐fɳʸ ʕɹɑʃətslsdzₓdzᵩdʒ dʒO·GdzᵩjlsɑʃLdʒlz HtsO·ʃtɑj dzᵂ 1781 G.è). I ʉtʃO·ʃtɑɑʃʰ dzₓtsfɳj LO·Hj tɑɤO·lsᴵ fɳʸ. I ɹlstsdʒdʒO·dzᵩdzᶻʕtsdʒ ʕlztɑstɑlsdzₓdzᵩdʒGtstɑtsHʕjfɳjdʒɑʃdᵩdzᵩtɑO·dzᶻ dzᵩdʒʃətsHO·dʒʃtɑO·fɳjsɑʃdzɑʃ fɳjʃO·ɑɤlz.ʃ j fɳdʒj tɑdz⊐tslsj dzₓtsfɳj 'tslsHtsdzₓlsᴵ, tʃtsʃtɑO·əɑʃlsᴵ LHtstɑtsəᴶ j dʒʃdᵩdzᵩtɑO·dzᶻ dzₓts? ətsHtsʔ, dzₓts tʃtsGtsHO·lstsGHO·ʙlzHlsts fɳɹujtʃɑʃ fɳptɑəO·dzO·fɳj: ʙʳ dzₓts⊐tsdzₓtsHdzₓts, ʰ j dzʃtɑtsdzₓɑʃədzₓts? HtsɤHᴶ, LO·ststʃɑʃdzₓ Hj tɑj ədzₓɑʃ. ʃ dzₓtsGɑʃ⊐tʃlzlsj ʰ j fɳjsəlzᵏ ʰ ɑʃ⊐fɳjsɑʃ⊐ɑʃʷ LO·fɳjsO·dzO·ətɑO·fɳjʃdzₓts⊐. ɹ j tɑj ɤɑʃHO·dzₓɑʃ dzₓO·tsHdᵩdzₓɑʃj ʙO·ɑtsdzᶻ ɑʃ ʕdzᵂLᴶ ʷ tɑO·Ldzᶻ ⊐ dzₓɹɑʃ?, tsHɑʃdzₓO·dʒj tɑɑʃʕO·dᵩɹɑʃ tɑdzfɳjʕɑʃ? ɑʃL dzₓʃlstsəɹj ə, GtɑO·ᵂ ʃ Gɑʃdzₓʕɑʃ?. ʃ dʒdz əfɳjGts 17 dᵩls, O·tsdzlzɤj dʒO·ɑʰ O·dzʕtsdzᵂj Hj tɑO·ɹɑʃɑ, ɑʃ ʕlstslstslstsLHj fɳ tʃts⊐ɑʃlsɑʃdzlz dᵩjGts tɑtsfɳʕtsʰ dzₓᵏ lsOʙO·ʕj tɑʕlz, lzfɳ tʃO·dzₓdzᵏ ʙtɑʃdzdzɑʃO·dzₓsO·dʒɑʃ.

ɹ tɑʃəj tɑɤj dzₐrᵀ ʃ j fɳjdʒj tɑO·tsʃtsdzɹɑʃdzₓfɳ dzₓOlsj⊐, ʕlstsHtsʃlzfɳjsɑʃdztslsʲ j LH əj dzₓɑʃʕtsGts ɹjdtsəj ʕO·ɑʃL ɹ O·ɑ·ɑʃɤO) ɑʃ tʃtɑj ɤHj əfɳjGts dzₓO·ɑʃdzₓtɑ·ɑʃGO·dtsə ð ətɑ·Oɹj ? ɑʃL ʂ tstɑtsdᵩjəfɳʕtsGts dʒj HɑʃɹɑʃdzfɳʕtsGts tsʙʰ j fɳjs-

əOq ɥqdjdzsə dʒjнqɥqdzfʂtsɑtsʷʷO↓lzdžlsjlsO.I LO⁰ qlslz∫ j fɑdʒjtɛOtʃq^{h} lzlsfɲʸ fɑjsOs^{ɪ} q q вtɛts^{h} ᵡ tɛʳ .ɾ əO qLəj fɑjsdz⊐ ətɛOɥ[O; ɑtɛOʷ ɾ lz-dʒjdjdzq ɑtɛOʷ ɻj tɛOlzвls, tʃtɛq[dzʸdzqffɲ djdɥqls^{ɪ} вtsdzdz⊐ xqətslsdz dʒ dʒOɑdjlsq[Ldʒtsdʒ Otʃtsdlzɥqfə⊐tstɛts^{h} qj tɛjLlzdžlsOs^{ʳ} , tsdzʃ qLнOdzɥj dž j lstsdʒO, ə $↓$tslststɛʳ⊐ ətsfɲəOdžʷdzʃ ∫ j fɑdʒjtɛOq j ɑts dʒjlstsн.I ɹtstɛнts, ə fɑtsвtstɛj, Oввs^{ʕ} tɛəɹ j tslsɬtɛʳ lsts tʃtɛtstʃtsəj нlzjls fɲɬOʷj нtɛʳ lzɥj dzʃj ts xqətslsdzsdʒdʒɑdjlsq[Ldʒj. ʂ OLOdzsfɲ, ʷʷtstɛdslzdzʃOtʃtsəj tɛdlzdzɑfɲ dzq[ɥtsdʒ↓∫ j fɑdʒjtɛlz qj j dʒlz fɑdjнlzjls вj Ltslsdzɑɑsdsjdždzts ətsLətɛOlsq[ls^{ɪ} fɲʷ ə ɻ Oɛq[x. l ts tsdzɬfɲɥj dzɑdžɹ^{ɻ} lsts lstsdž↓ts lstsɑнO,↓tsɑнOнts djɑtsнts^{h} dzq fɑdlz⊐q, ɥqlsts j ɑts lzɥj dzɑ[↓ z, Oɛdžɾ j fɑdzsdzdzʃqfɲOdzlstɛO↓lsOls (çD'Eslonè, 1780, tɛ. 14) q tslsɬtɛʳ dzfəts? dʒɑdzɑ[lsdž ? ↓Oвq[djɑls.l j dʒsɑ^{ɪ}x j tsdzə fɲOdʒsdʒнj djɑ нtsʃlzfɲlsq[ls^{ɪ} , ɥqlstsв^{ʳ} lzɥj dzɑ[↓ tʃtɛjəLts^{h} j dzlzɥq[lsj dzʷ. ɾ lz^{h} OʃjfɑdʒjtɛOв^{ʳ} dzOtʃj tɛjtʃtsdzdjdzOfɲstɛOɲʂʷdʒq, ↓tslststɛʳ j əfɲ↓qfʃOdzq lsO↓ вlztɛdzts, ɥqlsts tʃtstɛts? ə^{ʳ} tʃdjfɲ↓q əOdzq[fɲ dzOнtɛdzLj ?. ɹ Oqʃtsнtsltɛq[ə ɾ j fɑdzsdzO ətʃtɛjнOsj dž fɲjəj , tsdzɬtɛjL↓ts tʃtstɛəOdzfɲdzɑ[dʒ ɻ tsfɲ↓tsdž↓lz, ↓O↓ fɲɥq[lsOdzʃ j fɑdʒjtɛ, j ɑts fɑdlzxj j dzɑ[j dzOlz↓j djdzO^{ɪ} dzts нtsdzɻdzts? tsɥj dzɑ[q, tsdz tɛj^{h} q[lsj dž dzts dʒjdžjls tʃtɛq[tstɛq[lsjls^{ʳ} : dʒOsj tɛq[Odz dz ? q[dzsj tɛjfɲfɲsOdzsəq[lsfɲʸ tʃtɛjнtʃtsɥlsq[lsj dž djj dzOlzɥqdzsɑts.I j tɛdlzəh q[fɲ ə ɻ Oɛq[x, ʃ j fɑdʒjtɛtʃtslstɛjвtsəOdztslstʃtɛOəq[lsj dž fɲjəOLOfɲj↓tɛjls xqətslsdzsɑts dʒOɑdjlsq[Ldʒ0500 000 dzq[ətɛtsə.ɻ tsdlzɥq[ə tsls↓Ol, LO^{ʸ}əq[dz, ɥqlsts, j fɑdzq[j ɑts djɑ ɥj dzʷls, tsdzɑdzOəfɲjɑнO tsfɲjSədzʷjls ʌ tɛOdzɑɥq[ᵡ . ʏ lstsв^{ʳ} j ɑts lzнj tɛxqOs^{ɪ} , нtɛdzL^{ɹ}ʷ q[lzɥj dzɑ[↓q tɛj^{h} q[dzq[fɲjsвtɛOs^{ɪ} нj dž ɑq[. ɻ tɛlztʃtʃO j ɑts lzɥj dzɑ[↓tsə əts ɑdzəj fɲOнətsɬOstsdʒɹ j tɛɑOfɲjsdʒq[вOdzɑ[tɛtsdʒ ş tstɛdzɑdʒOdzɑtsdʒtstɛɑOdzɑ[Ltsə OdzOə dʒOdsj 1983 ɑtsнOO↓ɥq[tsdjɑtɛdzɑtsj tsв^{h} j fɑjsəts q tʃlzfɲjsq[dzəə tʃtɛtsнOqlz O↓ɥq[q tʃts fɲjsts dlzq[нtstɛtsə ↓Oqlнo^{ʸ}. ф↓ɥq[q fɲ↓lztʃq[dzq[вtsɑOs^{ʳ} j lzɥj dzɑ[↓q[∫ j fɑdʒjtɛO, ɥqlstsв^{ʳ} ə^{ʳ} tʃtsdzdzɑ[ls^{ɪ} , ↓O↓ tsdzɑ[ɑtsətstɛq[dzq[, tʃts tslsdzɑts^{h} j dzɑ[^{ᵡ} ↓ ∫ j fɑdʒjtɛdz çɥj dzɑtsəj ɥj fɲ↓q[? нtsdzè.

I tɛjLlzdžlsOsj ɻ lstsʔ O↓ɥq[q[∫ j fɑdʒjtɛctʃtsdlzɥq[dzdjdjdzjdjj 340 000 dzq[ətɛtsə.l Oɻ lsq[fɑtɛjнfɲjsəOtsdz fɑdzq[dʒO]lstʃtsdjj^{h} j dzɑ[j q tslsɬtɛʳ əO]lstʃdzOlsdžj ↓lztɛfɲ, dzO↓tslststɛʳ⊐tsвj^{h} Odztɛ[O^{j}ʷfɑdzq[ls^{ɪ} нtɛO↓tsɥj dzdžj lsO?dž fɑjtsj ? çɑdlzвts↓tsdʒ fɑdjdzdts? è lsjtstɛq[, dzts tʃtɛq[tsHdzdsdʒlzfɑdtsəq[q[: çj ɑts вlzнlž^{h} j j вlznjls tsвj fɲjj ɥj dzts q tslsɬtɛʳ lsq[j dzɑ[↓tsɑнOdjɑ вlznjlslzʃtslstɛjвdjdzts əts Ldts, Oj ɑts tʃtɛq[tstɛq[lsjls ə ɻ lstsdʒ tslsɬtɛʳ lsq[q dzɑ[↓tsdʒž djɑ вlznjlstslsнOdè. ɹ O↓ɬlztɛfɲdjɑ↓ɥq[? tsdzdOLdO]ɥ[j]lsə^{ʳ} fɲjs↓lzᵡ tʃdO↓slž ð 2400 dzq[ətɛtsə. ʉ dO]ɥ[dzO]∫ j fɑdʒjtɛcdO]вtɛOdzdO↓lztɛfɲвtsdjj 100 ɥj dzts əj↓ q[fɲjsвtɛOdž240 000 dzq[ətɛtsə, ə q[ᵡ djɑ 1784 ɑtsнOɥq[fɑdzs fɲjslznjdzstsə ə^{ʳ} tɛtsfɑdzs нts 300. I fɲ↓tstɛj djɑ↓ɥq[q Me-

ʙOɑ∉qtɶOʂ tstɶɑɻʒOɑɻɑɶOdɑɶOtʃtɶtsʃujfɳɲj (1787ð 1789) tʃtɶtslsʃɵ ɹtsdʒOtɕʰ j. ʍtslsʷ ɹjtɶɢCfɳɲjtʃtɶtsʃujfɳɲ tʃtɶtsʃɢtɶOɑzʃ ɹtsdʒOɑɕʰ j jɢts ɤjfɳkstsʕts tsfɳɑjʷdzɵ fɳptsj ʔ çMere courableè, ʃʟɵjfɳkstsfɳkʰ jɢts ʙʳ dɑOlsOʕ ɵjdɑʃʕO, ɻlsts lstɶjlsʰ j fɳtsfɳɑtsɵʃj ʃ ʃtsdɑɶOʃʟʙtɶOɑts jɢts ʜjtʃlzlsOstsdʒɵ ɹjdɑɸtɶOɑz dz j ʰ lsOksʳ .

ɭ j ʙlzʜlzɻʃ tʃtɶʃɵjtɶɤjdɑɻjdʒOʙfɳtsdz lsʃʟdʒO, ɹjtɶɢCfɳɲɵfɳkslzʃtʃqʃdzɵ tʃtsfɳkstsʷdɑɶz j tslsɑɶsʰ jdɑɶʃʷ fɳ ʃʁ ʜtsɵqʕtsdʒXVI qʃtʃtsfɳ dɑOɑzjdʒz fpptsq ʕtsdɑɶfɳkʃlslzɻqʃtsdɑɶz j tʃtɶtsj ʕlsʳ . ɻOᵘ lsts tsdzʃtsʃdɑOksqʃdɑɶyɹ tɶʃ ɵLʷlsqʃ ʊʁ qʃdzɶtɶʃ, 10 OɵɢlzfɳkʃO1792 ɢtsʜO, ʕtsɢʜOʙʳ dɑOdɑʔʜjdɑOjɢts tʃjtɶjtʃqfɳʕOfɳʃ ʁ ʜtsɵqʕtsdʒXVI, jdʒzʃtɶʃʰ dɑsfɳ fɳʕtɕ ɵOksʲ fɳy. ʃ lsfɳʃʜjlsʲ fɳy jdʒz dɸ lzʜOɑtsfɳ: jɢts tɶOLʳ fɳʕOɑzʃɵ 1794 ɢtsʜlz qʃ OɑɸjfɳkstsɵOɑzʃ. I ɹ Cfɳkʃdɑzʃqʃ tsdzLOʜjtɶɤjOɑfɳʷ dɸdɑOʜtsdɑɢts: ɵ 1795 ɢtsʜlz tʃtsdzɻqʃdzfpptsʙtsʜlz tʃts Oɑʒdɑɶfɳkʃqʃ. ɹjtɶɢCfɳɲɵjdzʃjtɸjtʃqfɳʕlz fɳtɶsfɳɲʃʔ fɳʕqʃdʒqʃdʒʃjtɶOkststɶsdʒϕ dɸʕfɳOɑzʜtɶsdʒI ʜts fɳOɑʒsʔ fɳɑjtɶlsqʃ tʃtsfɳɑjʜdɸɢts, tʃjtɸjɤqʃɵjɢts dɑOfɳjdʒʲ dɸls.

ɭ qʕtsdɑOɹjtɶɢCfɳɲtstɶɢOɑɶʃʟtsɵOɑzʃ ʙʱ jfɳkɵts ɢOɑɶdʒtsdɑɶʃqʃ, ɵ ʕtslststɶtsdʒfɳpsfɳkstsʷdɑs 430 ɻjdɑsɵjʕ. ʃɢts ʷʷqʃdɑʃqʃOɑz ɵfɳʕtsɸjtslsʕtɕʳ dɑʃqʃfɳ ɵ ɭ Oɑɑsj, ɹtstɶʜts, ʃ qʃtsdɸj, ʜlstɶCfɳpzlɶtɶɕj, ɹʃtɸjdɑsʙdɸj, ʃ tsdɸjjdzj, ʃ Oɑɶfɳjdɸj, ʃʃ qʃɤjtsdɸj qʃ dʒɑsɢɶʃ⊐ ʜtɶdzɢɶʃ⊐ ɢtstɶtsʜOT. ɾ Oɑz⊣ tsdz ɹ tɶʃqfɳpptsɵfɳkslzʃtʃqʃdzɵ ʃ ʙʱ jfɳkɵts ɢOɑɶdʒtsdɑɶʃqʃ dɸlstsdʒ1785 ɢtsʜO. I dʒjfɳpjtɶtsɵfɳʕtsdʒʜɵqʃɤjdɑɶʃqʃ tsdzʃʃtɶtsfɳqɶɵqʃdzfʷ lsjdʒ ɻlsts dɑOʃqʃfɳOɑzdʒjfɳpjtɶʃɻjfɳʕqʃ dʒOɑɶʃʷjfɳkʃ çUn mot Oᵘtsɢjzɻj des academiciens de Parisè. ɭ jʜOɑɸʕ lstsls ɻCfɳ,ʕtsɢʜOʷʷtɶOɑɑlzLʳ dɑOɻqɑɶlslzʃʃtslstɶjʙdʷlsʲ ɢɶɑOɢtsdzçʙtɶʃqfɳpptɶts-ɵOksʲ è, ɻlsts tsLdɑOɻqjlsʃqʃdɑstɶʃqʃɢtsɵOksʲ ʃ⊐ʃlstɶʃlsʲ .

ʈjɵtsdz ɻqʃtsdɑɶz j ɵdɑCfɳkʃɵ dɸdʒtɶOLʙjtɶzlsfɳy lstsɤj, ʃ tʃtsfɳɑjʜɵlz⊐ dʒjfɳyɻjɵ LOʕdz ɻjdɑʃʷ ɵ ɹ Cfɳkʃqʃdɑʃqʃ jɢts tslstʃtɶOʷls 31 tsʕlsʷʙtɕʷ 1793 ɢtsʜOdɑOᵘʰ Gʷtsls. ʂ ᵘlstsʔ dɑʃɻqɑsfɳkʃqʃdʒʳ jʱ j ɵjtɶdɸjdʒfɳy ð tsdɑOlstsɢts LOfɳɑlzɤjʃɵOʃj.

I fpjlsOʔdɑsj fɳkOɑsɵʃlsfɳyʷɵdz dʒ

ʊ ʕtstɶslsʕtsɢtslzdʒOð ʜdɑʃqʃdɑɶz ʔʷLʳ ʕ. *ϕtɶffɳkstsʷOɑz*

ʃ tsʕlststɕʃ j fɳɑjtɕLdɑOɑz ɻqʃtsfɳʷlstsʔ tʃtɸjfɳkstsdzdɑzɤjʜOjlsfɳy ɵ fɳʃqʃdɸj, fɳʃʃtsdɑʒsʱ ɹʁ ʕtslststɶtsʔ tsʕtsdɑsujtɶʕtsɵdz j tstɶɕjdɑOʃtʃtɶʃLɵOɑzdz j tʃtɶtsʃOɢOɑʜqʃtɶtsɵOksʲ ɵjtɶdz, dɑsɢɑʃqʃʙʳ dɑOfɳʃqʃdzdɑsɵʙqʃɵOksʲ jj ɵ ɢtsdɑsɵʳ , tɶOLɤjqʃɢOksʲ ɻʕLOɑzlsOɻqʃʁ ɵtʃjɻqOsdɑʃqʃlsjdzdɑsʔ tʃOfɳkɵʳ . ʃ j fɳɑjtɕtʃtɸjʜdɑOɢOlsʕOɑzʜqʃHOksOɑʒ ʙtsɢtsfɳɑɑsɵqʷ ɻqʃlsOksʲ dɸʕɻqʃqʃ ts ɤjqʃɵtslsdɑsdʒ

ʃ ɕ⊓⊙ɑɕdzzɻ tsǂ?ʷʷjls

ʂ⊙ɬʜʳ ʔ fɳɰlzʰ ⊙ʂjɕdz ɕʐjfɳɰʐjtɑtsɔfɲʃɕ⊓ʕlztɑfɳʂɔ, ʜ⊙ɬjɻjfɳɰkɕʃtsɕzʙʳ ɕzɔtɑ⊙ɻtsɕʒ, tʃtsʜɔjtɑɢ⊙ɑlfɲʸ fɳʂtɑtsɢʰtsɕʐʓʐ ɻʕʟ⊙ɑlʐjɕɑlz. ʂ tɑtsɕʐjɻ lʂtsɢʰts, tsɕzʜtsɕɑkjɻɻzʙʳ ɕzʃtɑjʜfɳʂ⊙ɔɕlsᴵ tʃtsʰɑzɻɕʃlsjɻɕz fɳʂɔts tslsɕɑsfɳʃlsjɻɕz ɕɑs fɳɔtsjʔ ɕɑɑ⊙ɔfɳʂɔjɻɕɑɑsfɳʂɕʃ. ʊ ɻɰjɻɕɑɑʃʕɕʃ ʜ⊙ɔ⊙ɑlɕʃ tʃɕʃfɲɻɕʐjɻɕɑɑsjɻ tsʙʷʟ⊙ʂjɻɕz fɳʂɔts ʜjɻtɔ⊙ɻ⊙ʂᴵ ɔ lsǂ?ɻɕʐjɻ fɰjʕtɑjlsʳ ⊙ɻɕʃɔtslsɕɑsɢtsɻɕʐʓɢɕʐjlsɕʃʟɕʐʓ⊙ɕʃ ɻɕɑɑʃ tʃtsʜ ʕ⊙ʕɕʃɕʒtʃtɑjʜɻɕɑsɢtsɕʒɻɕʐjɻ tɔ⊙ʟɢɕɑɢʰ ⊙ʂᴵ fɳʂtsʙʰ jɻɕɑɑzʓ jɻɕʃɕʒfɳɔjɻʜjɻɕɑɑʃʷ. ʃ ʜɻɑɢʕtsɻɕʐjʕtslststɕʳ jɻfɳɰkzʰ ⊙ʂjɻɕzɻɕʃfɳɰkɔtsɔ⊙ɻɕʐjɻfɳɰjɻtɔ⊙ɻɑzɻɕʃ, ɕʃ ʃ jɻfɳɰkʒjɻtɑzɻtʃtɑɕʃʰ ɑzsfɲ ʜjʟ⊙ɔlzɕʃtɑtsɔ⊙ʂᴵ ɕ⊓ fɳʂtsʙʰ jɻɕɑɑʃʷ.

ʃ 1785 ɢtsʜlzɔɔɻ ⊙ɔtɑɕʃʕjɻtʃtsʷɔɕʃɑɕʃfɲ lstɑɕʃ fɳʂ⊙ʂᴵ ɕʃ, ⊙ɔlststɕʳ ʕtslststɕʳ ⊓ tsʙɕɑ⊙ɔtɑtsʜtsɔ⊙ɻɑzʃ lsǂ?ɻɑzʍᵍ fɳɰʃfɳʂjɻɕʒzʃ jɻfɳɰkjɻtɑ⊙ɻ jɻtɑɔ⊙ʷ tʃlzʙɑzʃʕ⊙ɻɰʃʷ tʃtɑɕʃɑɕ⊙ʜɕʒjʕ⊙ɻɑz⊙ɻzɻɰjɻɑɑʃʕlzɾjɻfɳɰkzsɑɕ⊙ɻɕʒʔʙ-ɕʒjʜɕʃʕlzfɳʂ⊙ɔɑʰ jɻɢtsʙtɑ⊙ʂ⊙ʃʷ ʜtsɔɕʃʕ⊙XVIʂtsɕʒjʜjɻ ʃtsɕʒʂtɑtsɕʒᴢ . ʕlstsʙʳ ɑzɕʃʟ⊙ʃɕʃfɲ⊙ɻɑzᴢjɻ ⊙ɔlststɑtsɕʒɕɑɢfɳʂ⊙ɔɕʒjɻɑɑʃʷ ʃ jɻfɳɰkzjɻtɑ⊙ʕʕ⊙ʕ tsɕzɕ⊓ tʃtɑjtʃtsʜ⊙ɔ⊙ɻzɔʃ ʙʰ jɻfɳʂɔjɻ gɢ⊙ɑɔʒtsɕɑsɕʃɕɾ. ʃ fɳɰkzsɔɕᴢ jɻtʃtsɕɑtsʕkjɻɕɑɑʃʷ ʙʳ ɑzɕʃtʃtɑjʜfɳʂ⊙ɔɕʒjɻɕɑɑʃʷ ɔ 344 lsjʟɕʃfɲɢ⊓ tʃtsʜ ɕɑɢʟɔ⊙ɻɑzʃjɻɕʒçʈ ⊙ʟɕʒʰ ɕʒjɻɕɑɑʃʷ ts ʕɕʃɔtslsɕɑtsɕʒɕʒɢ⊙ɢɕʒjɻlsɕʃʟɕʒjè.

4 ʷɕɑɔ⊙ɑʷ 1785 ɢtsʜ⊙ɔ tʃɕʃfɲɻɕʒjʃ jɻfɳɰkzjɻtɑ⊙ʕ ɕʃʟʜ⊙ʂjɻɕz tʃ⊙ɑɔɕʃʕlfɳʕtsɢts ʕlzɔɑɔɑ⊙ɑɔɕ, ɔ ʕtslststɑtsɕʒtʃtsʷɔɕʃɑɕʃfɲjɻɢtsɢʷtstɑɔɕʃʟɕʒʳ, ɢtsɔɔtstɑɔɕʃlsfɲʸ, ɻɰlstsɔɕɑɕ⊓ɔʕtɑ⊙ɑlɕʃfɲʃ tʃtsɢtɑjʰ ɑzsfɳʂɕʃ. ʃ ɕzʜtsʙ⊙ɔɕzʷjɻls, ɻɰlstsʻlstsfɳʂɻɰɕʃɑɕʃjɕɑɕʃjɻlstsɻɰɑzstʃjɻtɑjʜ⊙ʃlsjɻɢtsɕʒʳ fɳɰkzʃ, ʙtsɕɑjɻjlstsɢts, ɕʃfɳʕ⊙ʕ⊙ʃlsɕʃ⊓. ʀ tʃtsfɲjɻɕʒzɕtsɕzɕɑjɻtʃtɑɕʃʟɕʒʃ⊙ʃlsʻlstslslsjʕfɳʂɕʃ, jɻfɳɰkzʃʕlsts-lstsɕɑzʜlzɕʒ⊙ʃlsɕʃɕʒtɑzʕtsɔtsʜfɳʂɔtsɔ⊙ʂᴵ fɲʸ, ɕɑjɻtslsɔjɻɻɰ⊙ʃlsʟ⊙tʃtsfɳɰkjɻʜfɳʂɔɕʃʷ. ʃ ⊙ɑɕjɻjtsɕzɢtsɔtstɑɕʃls: ɕʊɻɰjɻɕɑɑʃʕɕʃjɻɕzʷtʃtɑjʜ⊙ɑlzɕʃʙtɑtsʰ jɻɕɑɑzʓjɻɕʒɑɑsɢʙlzɕʒ⊙ɢɕʃʙjɻʟʜtsʟɔtsɕjɻɕɑɑʃʷ tsʙɕɑ⊙ɑtsʜtsɔ⊙ɑlz, ɔtsʟɕɑtslzʃtsltɑjʙɕʃɕzɔɻjɻ⊓ɕɑɑʃʕ⊙tʃtɑɕʃjɕɑɑʃʷ ʞɕʃɔtslsɕɑtsɕʒɕʒɢ⊙ɢɕʃʙlsɕʃʟɕʒ⊙ɔʳ ʜlzɕʒ⊙ɑlz⊙è.

ʃ ʜɕʃɕzɕʃʟ ʟɕɑ⊙ltsʕtsɔ ɕʃtʃtsʕtsɔɕʃɑɑsɕɑɑʃʕtsɔlzɻɰjɻɕɑɑʃʷ ʃ jɻfɳɰkzjɻtɑ⊙tʃtsʜlsɔjɻtɔʞʜ⊙ɻlsjɻɢtstsʙɔɕʃɕɑɑʃʷ. ʃ ɕzʃɕʃʰ jɻlsɔʻlstsɕʒʞjɻʞlzɕʒtɑɕʃɑɑsjɻ, ɻɰlststʃlzʙɑzʃʕtsɔ⊙ɑlzɑsjɻ fɳʂɻɰɕʃɕʒjɻɕɑɑʃjɻɔʟʜtsɕʒtɑsɕʃɔtsɕjɻɻɰɕʃlsɔfɲjɻɕʒʟ⊙ʕtsɕɑ⊙ɑlɕʒʷʷɕʃʟɕʃ. ʃ ɕzʃtɑjʜtsfɳʂjɻtɑjɢ⊙ɻlsɻɰɕʃlsᴵ⊙ʂjɻɕzʔtslsɻɰlsjɻɕɑɑʃʷʻlstsɢtsʙjɻfɳɰkzʳ fɳɰkzjɻɕɑɑʃtsɢtsfɳʂɻɰɕʃɕʒjɻɕɑɑʃʷ, ɕɑ⊙ɑlzɑsfɲʸʰ jɻɢtsʟzʰ jɻtɔʙ ⊙ɔlststɑɕʃlsjʟsjɻlzʃ jɻfɳɰkzjɻtɑ⊙

ʃ lststɑ⊙ʸ fɳʂ⊙ʂᴵʷ tʃtɑɕʃɑɕ⊙ʜɕʒjʞɕʃlsʃtjɻtɑzʜtsʕlststɑ⊙ɕʒjʜɕʃɻɰɕʃɑɕʃfɲʕɕ⊓ ɑɕ⊙ʟzʕ⊓ tsɕɑɕʒjʟs⊙ tsɕɑ⊙ɑlɕʃʳ ɔ⊙jʟsfɲʸ ç⊓jtstɑjlsɕʃɻɰjʕfɲʕtsjɻɕʃtʃtɑɢ⊙ʕlsɕʃɻɰjʕfɲʕtsjɻfɳɰkzʃɻɰɕʃɑɕʃjɻɕɑɑʃjɻtsʞɕʃɔtslsɕɑtsɕʒɕʒɢ⊙ɢɕʒjʟsɕʃʟɕʒjè. ʃ ɕzʃʔɢtsɔtstɑɕʃlsfɲʸ, ɻɰlstsfɳʂɻɰɕʃɑɕʃlsjɻɕz ʞɕʃɕzɕʒjʕʕ⊙ʕɕʃɔtɑ⊙ɑlɕʃjɻɕʃɔʳ ɔjʜ⊙ɑlzɕʒjfɳɰkzjɻtɑtsɔfɲʕɕʃʔɕʒjlstsʜ, ɕzɕʒjʞjɻfɳ⊙ɑlʒɕʒɢ⊙ɢɕʒjʟsɕʃʟɕʒjɻtɑzjɻls. ʃ tsɔɔjʜjɻɕɑɑʃɕʃ ⊙ɔlststɕɢtsɔtstɑɕʃls, ɻɰlstsjɻfɳʂʰ lsǂ⊙ʕɕʃjʻʕfɳʂtɑjɻɕʒɢ⊙ɑlzɕzɕjɻfɳɰkzɻɰ⊙ɕʃ, ʕtsɢʜ⊙ɕʒɢ⊙ɑlzɕʒjʕtslstsʜ ʞɕʃɔtslsɕɑtsɕʒɕʒɢ⊙ɢɕʒjʟsɕʃʟɕʒ⊙

ɯlsts ɑ∫ʟɑzsʏ j ɑzɑzsɑʒz ə ɻ lsɑ∏ tʃ lzʙ ɑzɑ∫ʕ⊙ɯɑ∫ʷ∏ ɑzɑ∫ʕlsts ɑʒ tʃ tsəj tɑɑ∫ɑz.ɻ tɑɑ∫ɯɑ∫ɑ⊙ʙʳ ɑ⊙ʙ⊙ɑz⊙ɑz ɑz⊙ ə fɲj
əʳ ɠɑzʷнj ɑzs tsɯj ɑz tʃ tɑtsfɲjsts, ⊙tʃ tɑtsfɲjstsj ɑʒ ɑʒsʏ j ls tʃ tɑtsɑ∫ʟətsнɑ∫lsᵘ ɯlzнj fɲɑzsj нj ?fɲjsəɑ∫j, ʕ⊙ʕɑ∫ɑʒʷəɑzʲ j lsfɲʸ
ɑ∫fɲjj ɑʒ j ɑzɑ∫j . ʊ⊙ʕtsj lzʙ j ʏ нj ɑzɑ∫j fɲɑzsʏ ɑ∫ɑzsʃɲ ə tsʙʰ j fɲjsəj ɑzɑzsɑʒ fɲtsʟɑz⊙ɑzɑ∫ɑ∫ ɑ∫ʟнtɑj əɑʒ . ɻ ɑz⊙ʸ, ə ɑ∫нɑ∫ɑʒts,
ɻ lsz tʃ fɲɑ∏tsɑzsɠɑ∫ᵏ tsʙʳ нj ɑzɑzsɠts fɲtsʟɑz⊙ɑzɑ∫ʷ, tslsʕtɾ ə⊙lsj ɑzɑ∫ ç ɯlzнj fɲè нj ɑz⊙ɑzɑ∫ ɑ∫ʟ ɑzɑ∫∏ ls⊙?ɑzz. ʂ ɻ lstsɑʒz ɑ∫∏
tʃ tɑɑ∫ʟʳ ə⊙ɑzɑ∫ tʃ tɑj tʃ tsн⊙?ə⊙lsj ɑz ʉ tstɑʙtsɑzɑzz fɲəʷlsts? ɸ ɑz ʙ j tɑɑls.l j ɑzɑ∫ʕɑ∫? (ʷ tsɑz.ɪ tsɑz tʃ lsj нlsfɲʕɑ∫?). ʕ lstsls
нtsɑʒɑ∫ɑzɑ∫ʕ⊙ɑzj ɯ, fɲɑzɑ∫fɲʕə⊙ʰ ɑ∫? ls⊙?ɑzz, ɑzs tsls tʃ tɑtsɯɑ∫∏ʷ lzls⊙ʸ ɻ lsz ls⊙?ɑzz ls⊙?ɑz, ɑ∫ʙts ɑz⊙ʸ j ʙɑz⊙ɠtstɑtsнɑzsj ɑ∫fɲʕlzfɲjsəts
ɑʒtsʏ j ls fɲjs⊙lsᵘ tʃ tɑj нɑzj lstsɑʒɑ∫ ɑ∫fɲjstsɯɑzɑ∫ʕtsɑʒlə⊙?ɑ∫fɲjsɑ∫. ɻ ɑzzɑtʃ ɯʳ ɠɑzʷнʷls lə⊙?ɑ∫fɲʕɑ∫ə⊙ʸ ʰ j ɑ∫ əɑʒj fɲjsj fɲjlsj ɑʒ
ɑz⊙нɑzj ɑzɑzs ɑz⊙ɑz⊙ʸ j "l j ɑzɑ∫ʕtsj нj ʷ ɑzɑ∫j ", tʃ tslstsɑʒz ɯlsts ɑ∫ɑʒ fɲ⊙ɑʒɑ∫ɑʒtsɑzs ɑʒ нtsfɲjslzʃ ɑzs. ∫ ɑzɑ∫ tʃ tsᵘ lstsɑʒz
tʃ tsɑz⊙ɠ⊙ʸ ls, ɯlsts tsɑzs ɑʒ ətsʟɑ∫sʏ ɑzs. ʉ ɑʒ нə j ɑʒʳ j lə⊙?ɑ∫fɲjᵍ ʕ нj ɑz⊙lsj ɑzʷɑʒ fɲj ɠts, tsɑz∫ fɲɯɑ∫ls⊙ʸ ls
lstɑzʏ j ɑzɑ∫ʕtsə ɑz⊙ʸ j ɠts ɑ∫fɲjzfɲjjs⊙⊙ʷʷ⊙ɑzʰ ɑ∫ətsɑ∫sɑʒ lsɯɑ∫ʕ⊙ɑʒɑ∫. ɻ ɑ∫ʕtsɑ∫z ɑʒ tslsʕtɾ ə⊙?ɑ fɲj ʕtɑj lstsə lsətsj ?
tɑ⊙ʙtslsʳ ! ∫ fɲjj tɑj ɠ⊙?ɑ fɲʸ tʃ tsfɲjststɑtsɑzɑzɑ∏! ɾ ə⊙ʏ нʳ ɠtsətstɑᵍ lsj ʙj , ʙlzнᵘ tsfɲʒslstɑɑ∫lsj ɑz ɑzz ɑʒ..è (ɯɑ∫ls. tʃ ts:
ʉ tsʕtsɑzsə, 1979, fɲj 336).

ɸ ɑz ʙ j tɑls.l j ɑzɑ∫ʕɑ∫?, lzɯj ɑzz ? j tʃ ɑ∫fɲjtsʃ, fɲjs⊙ɑʰ ɑ∫? fɲjsətɑj ɑʒj ɑzɑzɑ∫ʕ ʌ tsɑʒʳ ɸ ʕəɑ∫ɑzɑfɲjʕtsɠts ɑ∫ j ɠts
ɑzɑfɲjs⊙ɑzɑ∫ʕ, ɑʒɑzsɠtsɑʒz ɑz⊙lzɯɑ∫ɑzfɲʸ tsls⊙ɑ⊙ʙtsə ɑ∫ j ətɑj j ə. ɻ⊙ɑʒj ɯ⊙sj ɑz ɑzz ɑʒ j ɠts ʙtsɠtsfɲjzsə fɲjʕɑ∫j
fɲjsɯɑ∫ɑʒ ɑzɑ∫ʷ, ə ʕtslstsɑtɾ ∏ tsɑz∏tslsj ɑzʃ tsнʕtɑj tʃ ɑ∫lsᵘ ʷ ɑ∫ɑzsfɲjsʷ ɑ∫j ? ɸ tɑɑ∫fɲjstslsj ɑz ∏tɑ∫fɲjsɑ∫⊙ɑzɑfɲjʕɑ∫j нtsɠɑʒ⊙lsʳ , ⊙
j ɠts lə⊙ɑz lsɑ∫ʷ j fɲjsj fɲjsəj ɑzɑzz ɑʒɑ∫ ɑz⊙ɑzʕ⊙ɑʒɑ∫, tsfɲjsʙj ɑzɑzs ∏ɑ∫ɑʒɑ∫j ?: lнj fɲ tsɑzʃ tɑj нlsj ɯ⊙ɑzsətsʔ ɑz⊙ɑzʕɑ∫. ∫ ɑʒj ɑʒ
fɲjslн⊙ə⊙ɑzsfɲ ə ʉ tɑj нɑzɑ∫j əj ʕ⊙ɑʒɑzsɠts ɑʒj ɠj ɑzʉ, tʃ tɑɑ∫tʃ ɑ∫fɲ əʸ ʰ ɑ∏ j ɑʒz fɲjtsfɲjsʙɑzsfɲjsᵘ lsətstɑɑ∫lsᵘ ɯlzнj fɲ⊙
fɲjɑ∫ɑzsᵏ ɑʒ⊙ɠɑ∫ɯj fɲʕɑ∫∏ lɑz⊙ɑzɑ∫?.

∫ fɲjstɑtsɠtsɑʒ fɲjs∏tɑ⊙ɑzj ɑzɑ∫ɑ∫ lsɑ?ɑz ɠtsətstɑ∫ɑzɑ∫ ɑ∫ нtɑzɠɠɑ∫j əʳ нɑʸ ʰ ɑ∫j fɲʷ ɑʒ⊙fɲjsj tɑ⊙lstɑ⊙ɑzfɲjɑzlsɑ⊙ɯɑ∫?:
ɸ tɑɑzsɑz н ɑ∫ʟ .l ɑ∫ɑzɑ⊙ɑzsəʳ , l ɑ∫ʕtsɑz⊙ʌ ɑz⊙ɑzj ɑz ɑ∫ j ɠts нlz∏tsəɑz ? ɑz⊙fɲjs⊙əɑzɑ∫ʕ ɻ ⊙ɑ⊙ɑ∫ɯj ɑz fɲ.l
fɲjstslsəj lsfɲjsəɑ∫ɑ∫ fɲjlstɑ⊙нɑ∫ɯɑ∫ʷɑʒɑ∫ (tsʙʲ ʷ fɲɑzj ɑzɑzʸ ɑ∫fɲjsɑ∫ɑz⊙tʃ j tɑj fɲjs⊙j ls ʙʳ ls ɑ∫fɲjsɑ∫ɑzs?) ∫ j fɲjʒj tɕ fɲɯj ɑz⊙ɑzz
ls⊙?ɑzz ɑ∫ʟ fɲɠtsj ɠts tslsʕtɾ lsɑ∫ʷ, tsнɑzʕʕts ɑz⊙ fɲjzɑʒj ɑzj j lzнj tɑ⊙ɻ⊙lsʰ .

ɻ tɑtsɯɑzs lzʕtstɑj ɑzɑ∫ɑ⊙ɑ∫fɲ ə нlzʰ j ɯj ɑzsəj ʕ⊙əj tɑ⊙ə fɲɯ∫ɑzz lsɑ⊙∫ɑzɑfɲjsəj ɑzɑzsɠts. ɪ tsɑzʰ ɑ∫ɑzɑfɲjsətsɑz⊙ʕ⊙ɑ∫fɲjsə,
lzʃ tslstɑj ʙɑzʷəʰ ɑ∏ fɲʸ ə ɠɑzzʙts-

ʃ ɕʃ⊐Oɑʃɕzz, tsʔʷ ʲ jls

ʕGʕɕʃɕʒ-ɕzɑʃʙlzʜᴵ ʜjˌʔfɲʂəɕʃˌɕʒ lˌjˌəʟɕʃtɶO˅ ɕzO·ᵘ lstsˌtsɕzɑsˌɕʒɑsʏʞˌjˌlsˌɕʃɕʒˌjlsᵗ əˌjˌfɲˌɕʒO·ʙɕzO·ɑtsʧtɶɕʃʷlsɕzɑsˌjˌʜjˌʔfɲʂəɕʃˌj;
ʙtsɕzˌɕzɑsʔ lsGʕʞˌjˌ ɕʒɑsʏʞˌjˌlsʧtsɕzzᵛɕʃlsᵗ tsʙɕzˌɡʰɯˌɕzɑʃˌj tslsʕGʕɕʃ⊐-ɕzɑʃʙlzʜᴵ ɕʒO·Gʰʃɯˌfɲʃɕʃ⊐ ʧtɶɕʃˌɕʒɑsəˌ, jˌfɲɕzʃ
lzəˌjˌtɶˌjˌɕzˌ, ɯlɑtsˌtsɕzɑʃˌ ʜtsɕzɲˌɕzˌ ˌjˌɡtsˌɕʃfɲɯˌjˌɕzɑʃlsᵗ .

ʃ ˌjˌfɲɕzʃjˌtɑtsɕʒO·ɕzɑʃʷ

l ɕʃɯlɑtsˌəˌjˌɕzɑʃʕtsˌjˌ ɕzˌ tɑtsʏʜO˅ lsfɲʸ ʙˌjˌʟ fɲʂtɑO·fɲʂˌjˌʔ.

ɻˌjˌɡˌjˌɕz

ʃ ʳ ʧtɑtsfɲɕzˌʜɕʃɕzɑʃ ʟO·lsˌjˌɕʒ ʕGʕ, ʧtɶɕʃˌj⊐O·ə ə ɻ O·tɶɕʃʏʞ, ʃ ˌjˌfɲɕzʃjˌtɑfɲʂzɯ{O·ɕzfɲʸ ə tɶO·ɻɕzɑʃɯ{ɕzˌ jˌ ɕzO·ɻzɯ{ɕzˌ jˌ
ɕzˌjˌʜɕʃɯɕʃɕzɑʃʕɕʃˌj tsʙʰ jˌfɲʂəO·ɕ fɲʂO·tɶO·ʸfɲ ʧtɑtsʙɕʃlsᵗ ʜtstɑtsɡ̊lz fɲəˌtsˌjˌɕʒɻz ʜˌjˌlsɕʃʰ lz ð ʧfɲɕʃ⊐tslsˌjˌtɶO·ʧɕʃɕʃ ð ɕzɑsətsɕʒɻz
ɕzO·ʧtɶO·əɕzˌjˌɕzɑʃᵏ ə ɕzˌjˌʜɕʃɯɕʃɕzˌjˌ. l ts ɕzʳ ɕzˌjˌ fɲʕO·lO·ɕzɑʃ, ɯlɑtsˌtsʜɕzɑsətɶˌjˌɕzˌjˌɕzɑʃɑsˌfɲᵘ lsɕʃɕʒtsɕzzɕzˌjˌɯ{ɕʃɕz, ɕʃ, ʧts
ɕʒɑsɡ̊tsɯ{ɕʃfɲɕzˌjˌɕzɑʃɻz ɕʒfɲəɕʃʜˌjˌlsˌjˌɕzˌfɲʂəO·ɕʒ lsGʕʞˌjˌ lzfɲʧˌjˌʰ ɑsˌ, ʕGʕ ə .I ˌjˌɕzˌjˌ.

ɻ ˌjˌtɶˌjˌʜ ʃ ˌjˌfɲɕzʃjˌtɑtsɕʒə ʧtɶɕʃfɲzlsfɲʂəɕʃɕʃ ɕzˌjˌfɲʕtsɕzˌʕɕʃ⊐ ʧO·ɑɕʃʏʞ fɲʕɕʃ⊐ ətɶO·ɯˌjˌʔ ʧtɶˌjˌʜfɲʂO·ɑzʧtsɕzʕtsəɕzɑʃʕ
ʜ O·ɑʙtɶᵏ ʕfɲʕtsɡ̊ts ʧtsɕzʕO·ɸ ɕzɑˌjˌɕzO·lˌ l O·fɲO·lz, ʞ O·ɑsəO·əʰ ɕʔfɲʸ ɕzO·ɯO·fɲʂʳ ˌjˌ ʧtɶɕʃʧO·ʜʕɕʃlzʜlzʰ ɹʷ. ʃ ˌjˌfɲɕzʃjˌtɑfɲ
tɶO·fɲfɲʂtsʷɕzɑʃʷ ʧtsɕzzlstsˌtɶO·ɕzˌjˌlstɑtsəˌ ʧtɑtslsʷɕzzɕzˌjˌɕzˌjˌʟɑzzᵏ ʧO·ɑsɯ{ʕlz ʕ ɡ̊tɑzʜɕʃ ʙtsɕzˌɕzɑsɡ̊ts. ɻ tsɕʕtsəɕzɑʃʕ lslzls
ʞˌjˌ ɕzɑʃʰ ɕʃɕzfɲʸ ʜʳ ⊐O·ɑzɑʃʷ ɕʃ lzʧO·ɑzʙʳ ə tsʙɕʒstɑtsʕ, jˌfɲɕzʃ ʙʳ ʃ ˌjˌfɲɕzʃjˌtɑtsʧts jˌɡtsˌʧtɑtsfɲˌʙjˌ ɕzˌjˌ tslsɕzʷɕzfɲətsᵏ
ʧO·ɑsɯ{ʕlz. ɻ tsɕʕtsəɕzɑʃʕ ʟO·ʸəɕʃɕz, ɯlɑtsˌtsʰ lzlsɕʃɕzɕʃfɲ⊐tsʜʷʰ ˌjˌjˌ tslsʃ ˌjˌfɲɕzʃjˌtɑO·ɕʃfɲʂˌjˌɯ{ˌjˌɕzɑʃˌj lsGʕ ʷəfɲʂəˌjˌɕzɑsɑs,
ɯlɑtsˌ, jˌfɲɕzʃ ˌjˌɕzˌjˌ ʜO·ʞˌjˌ ʟO·əʷʞˌlzls ɡ̊ɕzɑLO·ˌ tsɕzˌlstsˌɯ{ɑsˌlzʕO·ʞˌjˌls, ə ʕGʕtsɕzɕzɑʧtɶO·əɕzˌjˌɕzɑʃɕʃ ʜəɕʃʞˌjˌlsfɲʸ ʧO·ɑsɯ{ʕO·
ʜ ɕzˌjˌʜlzᵏ ʰ jˌʔ ʙʳ ɕzO·ʜˌjˌəɕʃɯ{O·ɹ jˌɕzɑɑɕʃˌlzɑtɕ, ʧtɶˌjˌʜfɲʂO·əɕzʸəʰ O·ʸ fɲʂʙtsʔ ʞO·ɑʃtsˌjˌ ʟtɶˌjˌɕzɑʃʰ jˌ. ɻ tsɕʕtsəɕʃɕzɑO·jˌjˌ lsˌjˌɕzO·
ʙʳ ɕzO·ʧO·əO·ɑzɑʃʟtsəO·ɑzO·, tsʜɕʃɕzˌɡ̊ɕzO·ʟ fɲɕzˌjˌʧ, O·ʜtɑzɡ̊tsʔ ʙtsɕzˌjˌɕzˌ∫ ɕzO·ɡ̊tsəˌtstɑɕʃɕzO·ɕzˌjˌətɶO·ʟzɕʒɕʃlsˌjˌɕzˌɕzɑs,
ʞO·ɑsəO·ɑzO·fɲ ɕzO·ʞˌjˌfɲʂtsʕlzᵏ ɡ̊tsɕzɑsəɕzɑzᵏ ʙtsɕzˌ. ɻ ɕzʷʜʷ ɕzO·ˌjˌ fɲʂtɶO·ʜO·ɑzɑʃʷ, ʧtɑɕʃfɲzlsfɲʂəlzᵏ ʰ ɕfˌj ɕzˌjˌ ɕʒtsɡ̊ɕzɑʃ
fɲɯˌjˌtɶʞO·lsᵘ fɲɕzˌjˌʟʳ . ʃ ˌjˌfɲɕzʃjˌtɑʧtɶtsəˌjˌɕzʧO·ɑsʕtsʔ tslsʧtɶO·ətsʔ ɯO·fɲʂɕʃ ɡ̊tsɕzɑsəʳ ʕ ɕzɑʃʞˌjˌɕzˌjˌʔ ɯO·fɲʂɕʃ ʞɕʃətslsO·
ɹtsɕzˌɕzO·ʸ lO·ᵍ O·lsO·ɑzO·fɲ, lO·ʜtɑtsʞO·ɑzO·ɕʃ ʧtsʞO·ɑsəO·ɑzO·fɲ ɕzO·fɲɕʃɕzˌɕzɑʃᵏ ʙtsɕz. ɻ tsfɲʂˌjʧˌjˌɕzɑsˌjˌjˌ ɕzɑʃɯtsˌ
tsLO·ɑɕʃɑsfɲˌ lzɕzˌ ʙʕtsʔ, ɕʃ tsɕzO·tsʞɕʃəɕʃɕzO·fɲ.

ʂ əO·ɑzˌjˌtɶˌjˌʂ tɶᵏ fɲʂtsˌ, ɕzO·⊐tsʜɕʃəʰ ɕʔfɲʸ fɲʂˌjˌʜɕʃ ʟtɑɕʃlsˌjˌɕzˌjˌʔ, ɯO·fɲʂtsˌ fɲʂtɶO·ʜO·ɑzɡ̊tsɑsəɑsʔ ʙtsɕzˌᵏ . ɻ tsfɲɕzˌjˌ lstsɡ̊ts
ʕGʕ tsɕzˌlzʜtsfɲʂtsɕʃɕzfɲʸ ʧtɑɕʃʕtsfɲɑsəˌjˌɕzɑʃʷ ɕzˌjˌfɲɕzʃjˌtɑtsəfɲʕtsʔ ʧO·ɑsɯ{ʕɕʃ, ʕGəO·ɑzˌjˌtɶˌjˌʧtsɯ{ɹəfɲʂətsəO·ɑz

∫ q⊐Oqdzz, ts?ww j ls

lstɑɔqɯqdɑOʸ tsfɯtsʙOɔ fɯʙdɑɔqʟqdɑɑGfɾɔ fɳ∫ j fɯɸjʒ tɑtsdʒqʃ fɳʏkO·tɑtsdʒtʃtɑj ʜO·dɑɑGfɾɔ dʒO·ɑɑGdɑ̈jlsqʟqtɑtsɔO·dɑɑqᵏ .

ʉlstɑɔGfɯjsᵍ ʕ dʒj fɯɸjʒ tɑɔqʟOɯqdʃqʃ dɑ̈j tsfɯjsʳ ɔO⸴ls, dɑɑOtsʙtstɑtsls, ʜj dzᵡ tslsts ʜdzʷ tsdɑɑOdɑɑOɑɔGfɯjsO⸴ls. ʀ L fɳOɯtsdɑtsɔ dʒj fɯɸjʒ tɑtsdʒOɯɑqʷ tʃj tɑj ʕqdɯzdɑɑGfɾɔ dɑɑOlzdɑqɯʳ . ∫ LOɯʕGT qtʃO·ɯɑʕGT ɔtsLdɑqʕOʸ ls dʒO·ɑɑGdɑ̈jlsqɯjfɳʕqj dɯzkO·ʕʕqʃ qɑGtɑtslsʳ , ɔ ɑGtstɑtsʜGT ð lsO?dzᵡ j ʕtɑlzkʕqʃ qʃ dɯtskʃq. ʊ ɔdɑ̈jɯjdɑɑqj ʷdzᵡ qʃʜtsdʒð tʃtsɔO·ɯzdɯtsj , ɔfɳj ʜtɑlzɑGʜtɑlzɑGOdʒO·ɑɑGdɑ̈jlsqʟqtɑlzᵍ ls. ∫ j fɯɸjʒ tɑɔ ɔ dʒtsʜj , qtʃtslstsdʒkz j ɑGts dʒj lstsʜ ɔtsfɯtɑɔqʃdɑɑqʃdʒO·ʕ lsfɯʸ dɑ̈j ʕOʕ dɑɑOzʕO· OʕOʕ lsj Oɯtɑɔ. l ts ɔtɑOɯlz ɬ lstɯ dɑ̈Otɑɑzʕlz, q tsdzfɯOdʒ fɯʃtsfɯtsʙ fɯtsɔlzj ls ʙj LlzdɑGfɯtsɔlz: tɑOLtɑO·ʙOɯsʳ ɔO⸴ls fɯtstslsɔj lsfɯtsɔlzᵡ ʰ qᒣ fɳɯj dɑ̈Otɑɔqʃ?.

∫ʳ LɔO·dɑɑdɑ̈Oʸ ∫ j fɯɸjʒ tɑtsdʒtʃ fɯ[⊐qɯj fɳʕOʸ ɬtʃqʜj dʒ[qʃʷ ɔʳ ⊐tsʜqɯls LO·tɑO·dɑʕqʃ dʒj ʜqɯqdzᵡ q fɯtsOdɑtsɔqɯlsfɳʸ ʷwtstɑdɑtsʔ tɑj dɑqGqɯtsLdɑtsGɯts tʃtsdʒj ʰ O·ɯlsj dz fɯtsɔO· ʉlstsqɯls ∫ j fɯɸjʒ tɑlz ɔʳ ʔlsq dɑ̈Olzdɑqɯlz, ʕOʕ tʃO·ɯqj dɑtsʳ ʙtɑtsfɳOʸ lsfɳʸ ʕ dɑ̈j dʒkz, ɯlstsʙʳ ʜtslstɑtsdɑzlsᵍ fɳʸ ⊐tslsʷ ʙʳ ʜts j Gts tsʜj ʞ ʜʳ . l j lstsdzᵡ ʕts tʃtɑtsfɯtsʔ dzᵡ ʜ, dɑts q ʕdzᵡGqdɑɑ[, Gj tɑɯtsGqdɑɑ[tʃtɑtsfɳʸlstʃtɑɔqdzᵡlsᵍ q⊐ dɑ̈Odɑ̈j ɯj dɑɑqj . ɬ tɑɔqdɑɑ[ɔ dɑ̈j fɳɯ[Ofɯtsdzᵡ ⊐ q tɑOfɯtsj tɑLOdɑɑzᵡ ⊐ ʜlzʰ ʙʳ dzfɯtsdz LdɑOɯqlsj dɑ̈j dz, ɯlsts ∫ j fɯɸjʒ tɑɔʳ dɑzʞ ʜj dzᵡɔ ʕtsdɑɯj lzdɑqɯʳ Boudy dɑ̈OdʒO·Gqdɑ̈jlsqʟqtɑtsɔO·lsᵍ ʜj tɑj ɔts, ʕ ʕtslstɑtsdʒkz lsʳ fɳʸɯ[ʙtsdz dzᵡ ⊐ tʃtɑɔ[ɔʷLʳ ɔO·dɑɑqʃfɾɔ ɔj tɑj ɔʕO·dʒqʃ. ʂ tstɑtsɯj Gtsɔtstɑɔʷ, dɑ̈Ofɯtslztʃq[dɑ̈O tʃtsdɑdɑ̈Oʸ dʒj fɯɸjʒ tɑɔqʟOɯqdʷ wwtɑO·dɑɑlzLfɯʕtsGts tsʙʰ j fɯtsɔO·

∫ ʕOʕqj -lsts dʒtsdʒj dɑtsʳ dɑtsGɑtsʃtsʕOLOsᵍ fɳʸ, ɯlsts ∫ j fɯɸjʒ tɑɔfɯɸtsɔOɔtsLdɑtsfɯ[lsfɳʸ dɑ̈Otʃtɑɔ[ʳ ɯ[dɑzᵡ ʜdzʷ dɑ̈j Gts ɔtsdɑdɑz lzfɯtj ⊐O ʀ ʜj ʔfɯtsɔqlsj dzᵡ dɑts, dɑ̈ʙdzᵡ ʜOʸ lsOʕlzᵡ ʙj ʰ j dɑzᵡ tʃtsʃlzdzᵡtɑdɑtsfɯtsᵍ , lstɑzʜdɑts ɔtstsʙtɑOqlsᵍ tʃj ɯ[Odzᵡ dzᵡ ʔ wwqdɑ̈Odz l ts lzʞ j ɔfɯʕtstɑj ɔʳ wfɯɑqlsfɳʸ, ɯlsts ɬ lstslslzfɯtj ⊐ ð dɑ̈Oɯ[Odɑts ʕtsdɑqO· ɬ tsfɯɸjʜtsɔOdɑts tʃOʜj dɑ[j , lOʕtslststɑᶜ dʒtʃtsʜʲ j dʒtsɔ lzʞ j dɑ̈j ʙʳ dɑts.

ʌ tɑOdɑqlzLfɯʕOʸ tsʙʰ j fɯtsɔj dɑɑtsfɯtsᵍ ʙʳ dɑ̈OɔLʙlzʜtstɑOʞ j dɑ̈Odɑ̈j fɯdɑ̈j tɑtsɔfɯʕqdʒwwdzᵡ qʃʜtsdʒ tʃtɑɔ[fɯtsɑGfɯtsɔqj ʕ dʒO·ɑɑGdɑ̈jlsqʟqtɑtsɔO·dɑɑqᵏ ʜtsɔ⊐tsʜqʃdɑtsʜts dʒO·dɑɑqʃ. ∫ ʕtɑlzGT ɔʳ fɯʰ j Gts tsʙʰ j fɯtsɔO·ᵘ lsts LOdɑᵂlsqj fɯtsO·dɑts fɯɸdɑtsdɑɑtsʔ qɑGtɑtsʔ, ɔ O·ɑɑdʒqʃq ð tsʙʳ ʜj dɑɑdzᵡ dʒtʃtɑj tʃtɑtsɔtsʞ ʜj dɑɑ[j dʒɔtɑj dʒj dɑɑ[. ∫ ʕdɑ[qGj fɯtsɔtɑj dʒj dɑɑdɑtsGts wwtɑOdɑqlzLfɯʕtsGts qfɯtstɑɔqʕO∫ lzqʃ ʌ tɑj tʃO·ɑOlzʕOLʳ ɔO⸴lsfɳʸ, ɯlsts dɑ̈ʕOɯdzdɑ̈j tɑj ɔtsdzᵡ ɯqʃq dʒO·dɑ̈j lsqʟqdʒtsdʒ ʙʳ dɑ[lzɔdɑ̈j ɯj dzᵡ O·ɑɑ[fɯtstsʕtɑOlsqʷ q ʜlz⊐tsɔj dɑfɯtsɔts. ∫ O·dɑ̈j lsqʟqdʒtɑOfɯɸjʒOstɑɔqɔO·dɑ[ʕOʕ ʕdzᵡ ɯʕ tʃtsLdɑɑdɑqᵏ ɔʳ fɾɔ q⊐ lsO?dzᵡ(ʌ tɑj tʃO·ɑ, 1958).

ʉtʃtɑO·ɔj ʜdɑ[ɔtsfɯtsɔq tɑO·ʜq dɑ̈OʜtsfɯʕOLOsᵍ , ɯlsts ∫ j fɯɸjʒ tɑlz dɑ̈j dzᵡ Lʷ fɯtsO·ɔqlsᵍ ɔ ɔɑ[dɑz ʜO·dzᵡ dɑ̈j ʔʰ q? ⊐tsʜ tɑO·lɔqlsq[ʷ j Gts lzɯj dɑ[ʷ: tsʕʕlzdzᵡ lsdzᵡ j dɑ̈Olzʕq, ʜtsfɯj dɑ̈j ʜtɑj dʒO·ɔʰ q[j , ɔʜtɑlzGɔ tsʜdɑtsɯ[Ofɾɔj , fɯtsɔdɑts ʕlsts-lsts lsO·dʒ fɯ[ʜʷʰ q? dɑ̈Oɔj tɑ⊐lz, ʜO·dzɑ[dʒLdɑ̈Oʕ, LOʰ j ɔj dɑ[ɑ[fɾɔ,

Duchesse de Bourbon, (J.-C. Schweiger)

ʆ ɖʗ̄ɵɖʗʣʐ ʦʡʬ ʝls

ɘ ɟ ɵteɖʗɣʝ ʧteɖʗʦʙteʝ ɖzɖʒɵɖʝlsɖʗʟʝteʙɵteʦɖʑʕ ɖzɖʗɵʬ ɵfŋʃ ʝɘɖʗ, ɖzɵfŋlsʦʷʰ ʝʝ ɖʗɖʒʷ ʕʦlsʦʦteʦʛʦ ɸ ɖʑ ʬ ʦɖʑfŋʃ lzɖʗ ʂ ʦɖʑfŋlsɵɖʑ(1810ð 1875). ɪ fŋʦʊɖʗɖʝ ɖzɖʗɖʗ çɼ ʦʛɖʒɵʦ ɖʗ teɖʗlslzɵɖʑ ɘʳ fŋ ʝɟ ɖʒɵʛɖʗɖʗè (1856) ʦɖʑʛʦɘʦʦteɖʗɖʑ, ʊlsʦ ɖʒʦɣʝls ʊɖʗlsɵlsᴵ ɖʝteɵfŋʝʊɵlsɵɖʑɖʑ ʝ ʧɖʗfŋ ɖʒɵɖʗ ɖʒɖʑʦʛʦʝ ʜteʟ ɭ ʝ ʦlsfŋlsɵɘɵɖʑʦls ɖʝʛʦ ɖʒɵteʕɖʗʟ

ʉ lsɵɖʑɖʗfŋɖʑɵfŋʜʝ ʇlzɵʡlsɵ(1860ð 1898). ʉ ʦfŋlsʝ ɖʑʜʝ ʃ ɵteʦʰ ʬlzʕʦ (1785ð 1864), lzʧteɵɘɖʑʸʶ ʰ ɖʗʡ ɖʗʟʷʰ ɖʑ ɖʒɖʗ ɖʗfŋʕlzfŋfŋlsɘɵɖʒɖʗ ʧteɖʗ ʂ ɵteɖʝ X, ʧteɖʗ fŋɖʑlzʊɵʝ ʟɵɖʑɖʗɖʒɵɖʑfŋʷ ɖʒɵʛɖʝlsɖʗʟɖʒʦɖʒ

ʀ ɸ ɖʝʕfŋɵɖʑʜteʟ ʶ ɖʒɵʦlsʝʊʦlsʜɵɖʑʜɵɖʑ ɖʒʦʜʝ, lzɘɖʝʕɵʸfŋ fŋʧɖʗteɖʗlsɖʗʟɖʒʦɖʒɖʗ ʧʝteʝ ʜɵʊʝʡ ɖʒʳ fŋɖʝʡ ɖʑɵ teɵfŋfŋlsʦʷɖʑɖʗɖʗ. ʊɵʕ, ʦɖʑfŋʦʦʙʰ ɵʝlsɘ ʦʜɖʑʦʡ ɖʗʟ ʛɵʟʝls, ʊlsʦ, ʙlzʜlzʊɖʗ ɘ ʛʦfŋlsʷʗ̄ lz ʟɖʑɵʕʦɖʒʦʛʦ ʜʝʧlzlsɵlsɵʧʦ lzɖʑɖʗʊʝ ɸ ɖʑɣlz-ʉ ʝɖʑls-ʃ ɖʑʦteʝ, ʟɵfŋlsɵɘɖʗɖʑfŋɖʗɖʑʦʡ fŋʦʝʡ ɘʦɖʑɖʗ ʧteɖʗʡlsɖʗ lslzʜɵʦʜɖʑlz ʜɵɖʑlz, ʕʦlsʦʦteɵʸ ɖʒɖʗteɖʑʦ fŋʧɵɖʑɵɖʑɵlzɖʑɖʗʊʝ ʃ ɵteʝ-ʜʶ -ʊɵɖʑʧɖʑ.

ɪ ʝʛʦ ʕɖʑɖʗʛʝ çɪ ʝfŋʝʜʳ ʦʙ ɖʗfŋʕlzfŋfŋlsɘʝ ɖʗ ʕlzɖʑɖʗɖʑɵteɖʗɖʗè ʝfŋlsᴵ ʛɖʑɵɘɵçʉ ʝɵɖʑfŋɖʒɵʛɖʝlsɖʗʟɖʒɵè, ɘ ɖʝʡ ʦɖʑ ʧɖʗʰ ʝls:

çɪ ʧteʦʰ ɖʑʦʝ ɘʦfŋʕteʝ fŋʝɖʑʝ ɸ ɖʝʕfŋɖʗfŋʧʦʧteʦfŋɖʗɖʑɖʒʝɖʑʸ, ʊlsʦʙʳ fŋ ʛteɵɖʑɖʗ "ʌ ɖʑɵʕʦɖʑʂ ɵɖʑɖʗʦfŋlsteʦ" ɘ lsʝɵlsteʝ "ʉ ʝɖʑɾ ʝteɖʒʝɖʑ": ʦɖʑʗ̄ʦlsʝɖʑ, ʊlsʦʙʳ ʷ lzɘɖʗʜʝɖʑʝʛʦ ɘ teʦɖʑɖʗ ɘɖʑ ʙɖʝɖʑɖʑʦʛʦ. ɕ ʜʦʛʦɘʦʦteɖʗɖʑfŋʷ fŋ ʜɖʗteʝ ʕlsʦteʦɖʒlsʝɵlsteɵ, ɖʗ ʙʳ ɖʑʦ lzfŋɖʑʦɘɖʝɖʑʦ, ʊlsʦ ɸ ɖʝʕfŋɖʗfŋɖʑɵɘʝʊʝteɖʝɖʒfŋʧʝʕlsɵʕɖʝ fŋ ʛteɵʝls teʦɖʑ ɼ ʝteɘɵɖʑʸ, ɵʝʛʦ ɣʝɖʑɵð teʦɖʑ ɼ ʝɣɵʝ.

ɪ ʦfŋʕteʝ fŋʝɖʑʝ ð ˧lsʦ ɖʗɖʒʝ ɖʑɖʑʦ lsʦls ʜʝɖʑ, ʕʦʛʜɵʷ lzfŋlsteɵɖʗɘɵʳ ʧteɖʗʝɖʒʳ ʜɖʑʷ fŋʦɖʗʗ̄ ʜteɖʑʟʝʡ; ɖʗ ɘ lsʦ ɘʦfŋʕteʝ fŋʝɖʑʝ lz ɖʒʝɖʑʸ fŋʦʙteɵɖʑɵfŋ ʦlsɖʑɖʗʊɖʑɵʸ ʕʦɖʒʧɵɖʑɖʗʷ, fŋteʝ ʜɖʗ ʕʦlsʦteʳ ʗ̄ ʃ lzɖʗ ɪ lzɖʑɵɖʑɣʝ, ʉ ʝ-ʰ ɵɖʑ, ɼ ɖʗʝlsʝteɖʑ ɼ ʝʧɖʝʰ ʝɖʑ, ɼ ʝɖʑɵʧlz, ɾ ʶ ɖʑ ʜʝ ʃ ʝfŋfŋʝʧfŋ ʂ ʦɖʑɖʝɖʑ, ɼ ʝɖʑɵɵɣ, ɪ ʝteɖʑɵʟ, ʃ ʦɖʑɣ, ʃ ʶ ɖʑɖʝteɖʗ ʜteʟ ɟ teɖʗʰ ʝɖʑɸ ɖʝʕfŋɖʗfŋ ɪ fŋʝ lsɵʕ ʛʦteʷʊʦ ʧteʦfŋɖʗɖʑɖʗ ʝʛʦ, ʊlsʦʙʳ ʦɖʑʧteʦʜʝ ɖʒʦɖʑfŋlsteɖʗteʦɘɵɖʑʦʜɖʑʦ ɖʗʟ fŋʦɖʗʗ̄ ʊlzʜʝfŋ, ʊlsʦ ʦɖʑʟɵʸɘɖʗɖʑʦ fŋʦʝʡ ʛʦlsʦɘɖʑʦfŋlsɖʗ fŋʜʝɖʑɵlsᴵ ɘfŋʝ, ʊlsʦ ʟɵʗ̄ʦlsʷls, ʝfŋɖʑɖʗ ʕlsʦ-ɖʑɖʗʙlzʜᴵ ɖʗʟ ʧteɖʗfŋlzlsfŋlsɘlzʶ ʰ ɖʗʗ̄ ɘʟʷɖʑfŋʷ ʙʳ ʝʛʦ lzfŋ ʧɖʗlsᴵ. ɪ fŋʝ ʧʝteʝ ʛɖʑʸʜʳ ɘɵɖʑɖʗfŋ, ɖʑʦ ɖʑɖʗʕlsʦ ɖʝ ʦfŋɖʒʝɖʑɖʗɘɵɖʑfŋʷ ɖʑɵʊɵlsᴵ ˧lsʦls ʦʧʳ ls. ʃ fŋʝ ɪ ʝteɖʑɵteʧʦʜʦʰ ʝɖʑʕʦ ɖʒɖʝ ɖʗ fŋʕɵʟɵɖʑ.

ð ʊ fŋ ʧɖʗlsʝ ʝʛʦ.

ð ɕ ʡ ʈ ɵʟɘʝ ʷ lzɖʒʝʶ lzfŋ ʧɖʑlsᴵ ɖʑ ʜʝʡ, ʕteʦɖʒʝ ʕɵʕ ɘ lsʝɵlsteʝ ɖʗ ɘ ʙɖʗʙɖʑɖʗʦlsʝʕɵʗ̄ʡ ʈ ɵʟɘʝ ʷ lzɖʒʝʶ ʜʝɖʑɵlsᴵ ɘɵʸ ɖʗ ʧɵfŋfŋ , ɘɘʦʜɖʗlsᴵ ʬɖʑ ɖʗʜʳ , ɘʳ ʟʳ ɘɵlsᴵ ɖʗɖʑɖʗ ʧʝteʝ ʜɵɘɵlsᴵ fŋɖʗɖʒʧɵlsɖʗʶ ʡ

ð ɭ ʝ ɖʑlzɣ ɖʑʦ ɖʑɖʗʊʝ ʛʦ ˧lsʦʛʦ ʜʝɖʑɵlsᴵ , ʧteʦfŋlsʦ lzfŋ ʧɖʗlsʝ ʝʛʦ fŋɖʗɖʑʦʡ fŋʦʝʡ ɘʦɖʑɖʗ.

ʄ ʠ͞ʘʠʠzz˛ ts? ʬ ʝ ls

ʯʘ ʝ lsfiʏ ʠfitsts ʯʠʠʕ ʤʣtsʞ ʝ fiso ʘʠʘʃ teʘ ʤʝ ʤʣ ͞ ʧteslsʠɘ ʤʝ ʤ ʧteʝ ʜʙ ʝ ʞ ʜ ʝ ʤʠ? è.

ɩ ʘteʝ ɘʘʤʘ.ɪ ʝ ʤʠʕʘ ʬ teʘʤʟʟfiʕʘ teʝ ɘtsʤ ʯʠ, ʠ lsts lstsʞ ʝ ʧtsʜtsʛteʝ ɘʘʤs ʤʒʠfiʠʯʝ fiʕʠʝ

ʤʘfiteteʝ ʤʠ. ɩ ʝ ɘʠʤʘ ʄ ʝ fiʤʝ teʘ ʯlsts, ʤʝ fiʤlste ʤʘ ʝ ʛts teʘʯʠtsʤʘʤʠfiʠʯʝ fiʕʠʝ ʟʘʜʘʯʠ, ʠʤsʝ teʝ fiŋ

ʧʙʤʠʕʠ ʕ ʧteɘtsʜʠʤ ʤʒʠʤʒ fiʝ ʘʤfiʘʤʒʙ ʤʤʒʠfiʠʯʝ fiʕtsʛts ʧtsteʜʕʘ ʘʤʒʘʛʤʝ lsʠʯʝ fiʕʠ? ʬ ʤ ʠʜ

ʧteʠtsʙteʝ ʤɘ tsʙ ʝ fiɘʝ tsʕʕʤʤ lsʤsʝ ʟʤʘʯʝ ʤʠʝ. ɟ ts ʟʘʕtsʤʘʤʒʧfiʠ͞tsʤtsʛʠʠ ɘts ɘteʝ ʤʒ teʝ ɘtsʤ ʯʠtsʤʤ ͞

fitsʙ lsʠ? tsʙ ʝ fiɘʝ ʤʤʘ ʤtsteʘʤ fiʤʠʞ ʘ lsfiʏ; ʤʒfiɘʝ ʤʤ ? ʕteʛtsʟtste fiʤʞ ʘ lsfiʏ, ʘ

ɘʧʝ ʯʘlsʤʠlsʝ ʤ ʤtsfi lstsʤʧ, ʤʘʧteslsʠɘ, teʘʟɘʠɘʘ lsfiʏ ʜts ʯʤʜtsɘʠ ʤ ͞ teʘʟʤʝ teʤɘ. ʂ ʯʠfiʤ lsʘʕʠ͞

ʘ ʬ ʝ ʕlstsɘ tslsʤtsfiʠlsfiʏ, ʤʝ fitsʤʤʝ ʤʤs, ʠ ʤʒʠfiʠʯʠʟʤʒ ð fiteʝ ʤʒʤʝ ʤʠʝ ʕ fiʝ teʝ ʝ fiʝ fiɘʝ ʤʤʤʒʤ, ʕ

tsʙtsʞ ʝ fiɘʤʝ ʤʠ ʠ fiʠʤɘtsʤʠʟʘʯʠʠ tslsɘʤʝ ʯʝ ʤʤ ͞ ʠʜ ʝ ?. ɩ ʝ teʝ ʜʕts tsʤʤʘtsʜʠls fiʝtsʝ ɘ teʘʞ ʝ ʤʠʝ ɘ

ʤʒʘfiʝtsɘ ͞ ʧfiʠ͞ʠʯʝ fiʕʠ͞ ɘʤʝ ʤʠ͞, ʕtsʛʜʘfiʤʠɘʘ lsfiʏ ɘ ʤʤʠfitsʤɘfiʝ ʜʤ ʠ ʘʜʝ ʧlstsɘ. ʄ ʤʘtsʜʠʤʒ

ʟʜʝ fiʝ ʧtsʤʤsʝ ʧtsʜlsɘʝ teʞ ʜʝ ʤʠʝ ʟʘʕtsʤʘʅ ʝ ʕʘʤsʘ fiteteʛts tslsʜʝ ʤ ʝ ʛts ʯʝ ʤtsɘʝ ʯʝ fiʕʠ? ʠʤsʝ ʤʤʝ ʕls tsls

ʜʤ ʠ. çʈ ʝ ɘtsʤ ʯʠtsʤʤ ? ʤʝ ɘtetsʟ ɘ ʟ ɘʘ ls ɘ ʤʒʘfiʝ ʯteʝ ʟʤʝ teʤs ʤfiʠʤʝ ʤʤʤ, ɘtsfitstesʞ ʝ ʤʤʤ

ʜʝ lsʝ ʤ ʤtsfi ɘ tsʙʤʘfiʠ ʯʤɘfiɘ ʠ ʧtsʤʠʞ ʝ ʤʠʝ ʝ ʝ ʯʠfits teʘfiʤʜtsʯʤ ͞ fiʧtsfitsʙʤtsfisʝ ? è (ʂ ʘʙʘʤʝ fiŋ ɩ ʘfiŋ 1998, fiŋ 521).

ʄ ʧteʠɘʝ ʤʠ lstsʤ ʕts teʘʛʤʝ ʤs ʤʝ fiʤʝ tetsʤʒʘʤʠʠ, fiʘʤts ʧtsʤslsʤs ʤʘfitstsʤ ʕts ʛtetsʤʒtsʟʜʕts, ʯlsts ʤʝ ɘʤʝ ʘ lsfiʏ ɘ ʤʘ ʬ tsteʤʒʘls.

ʊ ʤʝ ʤʘɘʠfiʠ tsfite ʝ ʛʤʘʟʘ

ʊ ʤʝ ʕtslstste ͞ ʧʘʯʠʝ ʤlstsɘ ʄ ʝ fiʤʝ teʘ tsfitsʙʝ ʤʤs ʤ ʤʝ teɘʤ ͞ ʞ ʝ ʤ ʠʤ, ʤʘʙʤ ʜʘʤʠfiʏ fiʤʜtstesʞ ʤ ʝ ʧteʠʧʘʜʕʠ, ʕtslstste ʝ, ʕʘʕ ʤʒ ʧtsʤʒʤʠʤʒ ʄ ʝ fiʤʝ te ʤʘʟ ɘʘʤʕteʠʟʠfitsʤʒ ʧteʠʜʘɘʘ ʠʤʒteʝ ʘ ʝ ʝ ʟʤʘʯʝ ʤʠʝ ʜʤ ʠfiŋʝ ʤʝ ʤʠ. ɪ ʤʝ ʕtslstste ͞ fiʤʯʘ͞ lsts ʙ ʤts fitsfitsʤʠʝ ʠfiʕʤfifiɘʝ ʤʤs ɘ ʟɘʘʤʤtsʛts fitsʤʒʤʘʤʒʙʤʤʠʟʤʒʘ, ʤs ʄ ʝ fiʤʝ te, ʤʝ tsʙteʘ ʘ ʤʘ lsts ɘʤʠʤʒʘʤʠʝ, ʤʘʟ ɘʘʤʝ ʛts ʕteʠʟʠfitsʤʒ ɪ teʘʯʘʤʒʠ ʞ ʝ lstsls ʕteʠʟʠfiŋʧteʠʟʤʘɘʘʤfiʏ ʟʘʠfiʝ teʠʯʝ fiʕʠ? ʧteʠʧʘʜtsʕ ɘ ʤʝ fiʕtsʤ ʕts ʠʟʤʝ ʤʝ ʤʤs? ʬ tsteʤʝ. ɟ teʠ ʕteʠʟʠfiʘ͞ ʙ ʤʘʟʘʤʝ ʯʝ ʤʘfiʠʤ ʤʘ ʤʕʤsʤʤsfi tsʕteʤʞ ʘ ʠ͞ ʕ ʧtsʜteʘʞ ʘʤʠ, ʧts lstsʤʒʤ ʕtstetsʤ,

fiʧteʘʝ ʜʤʠɘts tsʧʘfiʘfiŋ ʧts-

[illegible] 20 [illegible]

[illegible] XVI [illegible]

[illegible] 12 [illegible] 1784 [illegible] XVI [illegible]

[illegible]

[illegible] 1784 [illegible]

[illegible] (Epremesnil J.-J.), [illegible]

[illegible] 1785 [illegible]

[illegible]

[illegible]

[illegible] (ሉ[illegible] [illegible], 1984, [illegible] 28).

Ʒɜʁɑʃɑjʔɑzƶ ʔ ʜɑzʷ ʃ ɟ fɳɑʄʒ tɷO1784 ɢtsʜ ʁʳ ɑzɑƶOʃtsɑzɑjˌɑzƶɑʒɑzsʏɟ fɳʄɜtsɑʒʟɑƶOɑʄjˌɑƶOɜsjˌɑzˌɑzƶ⊐ fɳʄsʁʳ lsɑʃʔ. ʜ Oɑʒʳˌʔˌɑʃʟɜjˌfɳʄsɑzƶˌʔˌɑʃʟˌlzˌujˌɑzɑʃʕtsɜ ʃ ɟ fɳɑʄʒ tɷO) ɑʒOɑɷʕɑʃʟˌʜjˌ ɪ ᵡ ɑʃfɳjˌtʃtstɷ, ʕtsɑʒOɑzʜɑʃtɷtʃtsɑƷtsɜtsʔ Oɑɷsɑʃɑzɑjˌtɷɑʃɑˌ, tsɭsʕtɷʳ ɑzʷɜɑjˌɑzƶɑʃˌ ɑʃfɳʕlzfɳɳsɜjˌɑzƶɑs ɜʳ ʟɜOɑzƶɑsɢts fɳʄsɑʒɑzƶOɑɷʒlzɑzɑʃʟɑʒO) ʕtslststɷtsˌ ɜʳ fɳɜjˌlsɑʃɑzƶs fɳʕtɷʳ lsʳ ˌ ʷʷtstɷɑzʒʳ ɜʟOɑʃɑʒʄsʜjˌʔʕfɳɳsɜɑʃʷ ʜlzʰ ɑʃ ɑʃ lsjˌɑzƶO) ɑʒʃɑʒʄs ʕtslststɷtsɢts tʃtɷtsʰ ˌɑzʃ ɟ fɳɑʄʒ tɷ. ʕ tstɷtslsʕtsˌ fɳʄsʁʰ ˌ ɑzƶʃɑjˌ tsʙ ɬ lstsɑʒtslsʕtɷʳ lsʃɑʃ, tstʃlzʙɑzʃʕtsɜOɑzƶsˌ ɑʒOɷʕɑʃʟtsɑʒɜ ɹ tstɷʜts, tʃtɷtsɑʒˌɑzʔʕɑzƶɑs ɑjˌʟOɑʒˌujˌɑzƶlzˌ ɑzʒ*. ɹ ɬ lstsɑʒɢtsʜlz ɜts ʌ tɷOɑzɑʃʃtɷtsʃfɳʕtsʜʃɑzƶs fɳʄzʃʰ ʕtsɑʒɑʒɑzsɢts fɳʄsʁʳ lsʃʔ, ɥʃstsʁʳ ɬ lsO ɜˌfɳʄsᵘ ɑʒsɢɑzOɜʳ ʟɜOlsᵘ ʃɑzƶsˌtɷˌfɳˌɹ ɪ Oɷɑʃʏˌɟ tslsʕtɷʳ ɑzfɳʃʃɑʃʟOɑzˌ ɹ tsʏtsɑzˌɜ ʕtslststɷtsɑʒtʃtɷˌʟɑʜˌɑzƶs ɪ Oɷɑʃʏ fɳʕtsʔ ɑzˌʜɑʃɥʃɑzɑzʕtsʔ OʕOʜˌɑʒʃɑʃ (ʃɑʒtsɑzƶfɳʄsOɑzˌʄlsɜ 1933 ɢ.) zˌ Oɷɑzƶ ʈ ɑʃʰ ˌ ɜ 1875 ɢtsʜlz tʃtɷtsʜtsɑzɷˌɑʃlstsʃʳ lsʳ ɪ ᵡ ɑʃfɳˌɢᵡ tɷOɑƶOʜ fɳtsɑʒɑzOɑʒʙlzɑzOɑʒʃ.

29 ʷʷjˌɜtɷOɑzʷ ʟOʕɑzƶ ɥˌjˌɑzɑƶ ʔ ʃ tsɑzƶfɳˌjˌɑzƶɸ ɑzʷʷtsɑzƶfɳʌ tɷOɑzɑɳzOʜˌ ʜOʜ ʙʳ ɑzʃˌjˌtɷˌɜˌjˌʜˌjˌɑzƶɜ ɹ Ofɳʄsɑʃɑzˌᵡ . ɪ ʜˌjˌ fɳ tsɑzʃtɷtsɜˌjˌʜˌjˌls 5 ɑzˌjˌlsɑʃ 4 ɑzˌjˌ fɳʏᵘ ɥO(ʜts 14 ɑʃᵡ ɑzʷ 1789 ɢ.). ɪ tɷɑʃɑzˌjˌɥOʕjˌɑzˌ ɑzƶs, ɥʕstsɹ Ofɳʄsɑʃɑzɑʃʷ, tʃtsfɳʄsɷtsˌjˌɑzƶɑzƶOᵛ ʂ OɷɑzƶsɑzʒV ʃ ɟ lzʜtɷʳ ɑzʒʕtʕɷˌjˌtʃtsfɳʄsᵘ ʜɑzʷ lOᵘ ɑʃlsʳ tslsOɑzɢɑzƶɑʃɥOɑzˌʙʳ ɑzOɑzˌɑzˌʕtsɑʒʳ fɳɑzˌjˌɑzƶɑs tʃtɷˌjˌɜtɷOᵘ ˌ ɑzƶOʂ Oɷɑzƶsɑzʒ VI ɹ ˌ ɟ lzʜɑzʒɑzˌ ɑzʒ(1368ð 1422) ɜ ɢtsfɳʏʜOɷɑzfɳʄsɜˌ ɑzɑzƶʷ lsᵡ tɷʳ ɑzʄz. ɪ Oʙˌjˌlzɑzʃɑʃˌj tsʜɑzƶsɢts ɹ Oɑzƶ Ofɳʄ lzfɳʄsʷ ɥˌjˌlsʳ tɷˌjˌ ɜˌjˌʂ Oɹ lzɷʙtsɑzƶOɑʒtʃtɷɑʃʜˌjˌlsfɳʏ tɷOfɳʄɑzOɥɑʃɷɜOlsᵘ fɳʏ fɳʄsʙ fɳʄsɜˌjˌɑzƶɑzƶs? ʂɷtsɜɹ ᵡ ... ƻOʕ fɳɑzƶOɢˌjˌlsfɳʏ ɑʃfɳʄsʃtɷɑʃʷ!

ƻOʕtsɜ ɜ fɳʘOɑʄsɑzʒfɳɣ[Olsʃtsɑzʒɑʃʟɑzɑtsʏˌjˌɑzɑʃɑʃ ɜɑzƶʰ ɑzƶʔ ⊐tsʜ fɳʄsʁʳ lsɑʃʔ, tʃtɷˌjˌʜʰ ˌjˌfɳʄsɜtsɜOɷʰ ɑʃʔ tɷˌjˌʰ ˌjˌɑzƶᵡ ɢɑzƶOɜɑzsɢts ʜɑzʷ ʃ ɟ fɳɑʄʒ tɷO ɜtsʃtɷtsfɳʘ .ʃ ᵡ ʜtsɜɑʃʂ XVI, lzɜʷLʰ ɑʃʔ ɜ fɳjɑzʒʔɑzƶ⊐ ɑʃ ʜtɑzɢɑʃ⊐ tʃtɷtsʙɑzɷɑzʒOʕ, ʟOʙʳ ɑzƶts ʃ ɟ fɳɑʄʒ tɷˌjˌ, ɑzɑs ɑʃʟʜOɑzƶɑzƶ ʔ ɑʃɑzʒlzʂOʟ, tʃtsɜˌjˌɑzɷɜOᵍ ʰ ɑʃʔ ɸ ʂOʜˌjˌɑzʒʃɑʃ ɑzƶOlzʂ ɑʃ ʂ tstɷtsɑzɷˌɜfɳʄtsɑzʒz ɑzʒ ʜɑʃtɷtɑfɳʄsɑzʒz tsʙʰ ˌ fɳʄsɜlz ɑzƶOLɑzƶtɷʃlsᵘ ʂtsɑzʒʃfɳɳɳʃᵡ ʜɑzʷ ɑʃfɳɳɳɷˌjˌʜtsɜOɑzɑʃʷ ɑzʒ fɳɑʄʒ tɷtsɜfɳʄtsɢts ɜɑzɑʃʷɑzɑʃʷ, ɑzɷlzʂtsfɳɑzɑʃlsˌjˌɑzƶɑs ʙʳ ɑzɜʳ tʃtsɑzɑʃɷˌjˌɑzɜ lzʂOʟOɑzƶˌ ɟ fɳɷtsʂʃɑ. ʂ tsɑzʒʃfɳɳɳʃᵡ fɳʄsʙtɷOɑzʙOɷtsɑzˌʃ lzɑ-ʃ tʃtsfɳʄs ʜˌjˌ ɹ tɷˌjˌlsˌjˌʔɑzƶ, ɑzʒʃɑzƶɑʃfɳʄstɷʜɜtstɷOɑʃ ɢlzʙˌjˌtɷɑƶʂtstɷɪ Oɷɑʃʏ O

ʃ fɳʄsfɳʄsOɜ ʂtsɑzʒʃfɳɳɳʃɑʃ ɜtsʰ ɑzƶʃ ɜɑʃʜɑzƶ ˌjˌ lzɥˌjˌɑzƶ ˌjˌ tslsɸʂOʜˌjˌɑzʒʃɑʃ ɑzƶOlzʂ: ʷʷ ɑʃʟɑʃʂ ɹ . ʌ tɷOɑzƶɑzƶʃɑzƶɑzƶð ɑʃʟtsʙtɷˌjˌlsOʄsˌjˌɑzƶ ɢtɷtsɑzʒtstslsɜtsʜO) OɑzƶjˌtɷɑʃʂOɑzƶɑzƶʔ tʃtsfɳʄsɑzɜtsʌ tɷOɑzɑɳzOɑʃʃ, ɑʃɑzsfɳʄstɷOɑzƶɑzƶ ʔ tʃtsɥˌjˌlsɑzƶ ʔ ɥˌjˌɑzˌɑzƶ ɪ Oɷɑʃʏ fɳʕtsʔ OʂOʜˌjˌɑzʒʃɑʃ; OʂOʜˌjˌɑzʒʃʂ ʃ Oɜlzʘʟˌjˌ, tʃtɷOɜtsɜˌjˌʜ, tɷˌjʷtstɷɑzʒOʄststɷˌɑʃ tsfɳɷtsɜOʄsˌjˌɑzƶ fɳʄsɜtɷˌjˌɑzˌɑzƶɑsʔ ⊐ɑʃɑzʒʃɑʃ. ɪ tɷˌjˌʜfɳˌjˌʜOʄsˌjˌɑzƶ fɳʄsɜts-

* ɪ OʃɳɑʃfɳʕOts fɳˌjˌOɑzƶfɳʘ⊐ ɑzˌjˌɥˌjˌɑzɑʃʷ ʏ ɑʃɜtslsɑzƶ ɑzƶɑzʒOɷɑzˌjˌlsʃʟɑzʄsɑzʒ ɑʃɑzʒɜʰ ɑʃ⊐ ɑzˌjˌfɳʄsts ɜ ɹ Oʔtsɑzɑzˌjˌ, OʜtɷˌjˌfɳʄsɜOɑzɑzƶOᵛ OʙʙOʄsɥˌjˌ ɪ lzɑzƶOɑzˌjˌ, fɳʄsɜˌjˌlsɑzɑʃʕlzʃOɷɑʃɑzƶOɑzˌjˌɑzʒɑzsOɜ ɹ tstɷʜts, 1784 tɷ.

ʕGʕ qʃ⊐lzʜtsʞjˌfɳʂəjˌdɤʑtsjˌ lsətstɕujˌfɳʂəts, dʑɸfɳtsdʒʑɸjˌdɤʑtɤs, fɳtsʜjˌtɕʞqʃlsə fɳjʙjˌ dʑɸujˌʕlstɤs, lzfɳʕtsdʑʟΘʸʰ jˌjˌ tslsəfɳʸʕtsɢtɤs lstɤujˌtɤsɢtɤs qʃʟdʒjˌtɕjˌdɤɸʃʷè (Appelbaum, 1978). ɭ tɤs ɢdɤΘəˌdɤtsjˌ, ʕGʕ tsʙʲ ʷfɳɸɤʃdzqʃʟəjˌfɳʂdʑʔ ʷʷqʃʟqʃʕ ɻ. ɾ . ʃ tsʰ ʕGɸɤjˌə: çɻ dʑ ʙtsdʒʷʷqʃʟqʃtsdɤtsɢqʃujˌfɳʕtsdʒʲʕfɳʃjˌtɕʃdʒjˌdɤtsjˌ jˌfɳʂʲ dʒʃdɤʃdʒʑdʒdɸjˌtsʙ⊐tsʜqʃdʒʳ ⊐lzfɳɸɤtsəqʃʔ, tʃtɕʃ ʕtslstɤtɕʳ ⊐ʷədɸjˌdɤɸjˌ tʃtɤtsqʃfɳ⊐tsʜqʃls. ʊΘʕ ətsls, fɳʕjˌtʃlsqʃujˌfɳʕtsjˌ ətsfɳʃtɕʃʷlsqʃjˌ ʷədʑʷjˌlsfɳʸ lsjˌdʒlzfɳɸɤtsəqʃjˌdʒ ʕtslstɤtɤtsjˌ jˌɢts ʙɤtsʕqʃtɤzjˌlsè*.

ɻ ʜtsʙΘətsʕ ʕ ʲlstɤsdʒʑʙʳ dʑjˌʰ jˌ tsʜqʃdʑəΘʞqʃdʑʔ dʒtɤsdʒjˌdɤs, ʕtslstɤtɕʳ ʔ dʑɸdʑʟʷ lzʃlzfɳʕΘɤsʲ qʃʟ əqʃʜlz. ʃ jˌfɳɸʒjˌtɕɢtsətɤtɕʃdʑ, ujˌstɤs fɳtsɢdɤΘfɳɸʃlsfɳʸ fɳtslɤtɤzʜdɤʃujˌΘɤsʲ fɳʕtsdʒʃfɳɸɳjˌʔ lstɤsdʑʕtsəlstɤsdʒfɳɸɤzujˌΘ, jˌfɳɸɤzʃ ʙlzʜjˌls fɳtsʙdʑ ʜΘɤsʲ fɳʸ fɳtsɤtɤsɢtɤs dɤΘɤzujˌdʑ ʔ tʃtsʜ⊐tsʜ. ʉlzɤsʲ jˌɢts fɳtsfɳtstsʷdɤΘə lstɤsdʒ ujˌstsʙʳ qʃfɳʃtsdʑ ʟtsəΘɤsʲ ʕtsdɤtɤtɤsdʑ dɤɤʳ ɢtɤzʃtʃlz: qʃʟ 24 tsʙfɳɸɤjˌʜlzjˌdʒʳ ⊐ʜtsdɤɳ dɤtsʙʳ lsʲ 12 ʙtsdʑ dʑ⊐, dɤɸujˌqʃəʰ qʃ⊐fɳʸ ʞqʃəɤtɤlstsdʑ dʒdʒΘɢdɤɸjˌlsqʃʟdɤʃtsdʒ qʃ lsΘʕtsjˌ ʞjˌ ʕtsdɤqʃujˌfɳʂətɤs, dɤɸujˌqʃəʰ qʃ⊐fɳʸ tsʙʳ ujˌdʑ dʒʃ ʜdʑʷ lstsɢtɤs ətɤjˌdɤɸjˌdɤɸʃʁ fɳʂɸjˌtʃjˌdʑ tsʙtsfɳɸɤsəΘɤɤɤtsfɳʂqʃ tʃtɤɸjˌʜdɤtsʞjˌdɤɸʃʷ ʃ jˌfɳɸɤjˌtɕΘqʃ dɤɸ tʃtɕʃfɳɸɤʑʰ Θɤɤfɳʸ ʕʲlstsdʒʑ tʃtɤɸjˌʜdɤtsʞjˌdɤɸʃʁ . ʀ ʲlstsdʒtsʞjˌdɤtsʃtsdʑʑlsʲ . ɻ fɳʕtɤzʞqʃəʰ jˌjˌ ɢtsdɤtsəʳ tʃΘɤɕqʃʞΘɤɤɤdʒdʒɸjˌfɳʃjˌtɤtsəfɳʕtsjˌ dɤɸujˌdɤɸjˌ əʳ ɢdʑʷʜjˌdɤtsʇujˌdʑ lzʞʰ ΘɤɕɤΘsΘɤɤfɳʕqʃdʒ υ ujˌdʑ ⊐ɤɤΘfɳtstɤtɤsʞqʃdʑʰ lzdʒətsʕtɤzɢtsujˌtɤɸjˌʜdɤtsʔ tʃΘɤɤΘujˌqʃ ð dʒɤtsɢtɤs qʃ⊐ʟdɤɸəΘɤɤΘ qʃfɳtstɤɕʷ dʒɸjˌʜqʃujˌqʃdʑ . ɸ ətsʕtɤzɢdʒɸjˌfɳʃjˌtɕʃʟdʒΘʕqʃtʃjˌdɤtsdɸjˌdʒΘɤɤtsfɳtstɤɕfɳtsjˌʔ, ujˌstsfɳɸɤʃʞΘɤɤtsjˌtɕʃjˌ ΘʕΘʜjˌdʒʃqʃʕtsə.

ʇ tsʕtsətsʔ ɢtsʜ ʜdʑʷ tʃfɳʃ⊐tslsjˌtɕΘʃqʃq

υ lstsʃqʃq ujˌfɳtstsʕtsʕΘʟʳ əΘʸ lsfɳʸ dɤʃʰ ˌ tʃtɕjˌʞʜjˌətɕjˌdʒjˌdɤɤtsəʳ fɳʕΘʟΘɤɤdʑ dʒʃ qʃfɳtsʃqʃdɤΘɤdʒʃ.

ɸ. ʃ ΘɤɤΘtɕʃfɢʃqʃdʑ

ʊdɸjˌəʰ qʃʔ ʕtsdɤʷ dɤʃʕlsdʒjˌʞʜlz ʃ jˌfɳɸɤjˌtɕtsdʒqʃ ɾ jˌfɳɸɤtsdɤtsdʒəjˌfɳɸɤtsʔ tʃtɕjˌʜjˌdʑ dɤtsʙtsfɳtstɕʃdzfɳʸ qʃ tʃtɕʃəjˌdʑʕtsʕʃʕΘʕtɕʳ əlz qʃ⊐tslsdɤtsʰ jˌdɤʃʔ. ɻ tsfɳɸɤjˌtslsʕΘʟΘʃ jˌfɳɸɤjˌtɕΘfɳtstɤtɤzʜdɤʃujˌΘɤsʲ fɳʕtsdʒʃfɳɸɳjˌʔ ɾ ΘɤɤΘɤɤ→ʉqʃdʑəjˌdɤΘɻ Θʔqʃtʃtsfɳɸɤjˌʜdɤʃʔ tsʙtɕΘɤsʃqʃdzfɳʸ ʕ

Åçɸqʃʌ . ɻʜtstɕtsəʲjˌè, 2001, ¯ 44, fɳ 7.

ʃ ɑʃ⊐Oɑʃɑzz¸ ts?ʷ ʲ j ls

ʕtsɢʜOtɕj ɳᵘ ʟO⊐tsʜɑʃls ts ʧtɑɕʃɑʒj ɑʑɡɑʃɑ ʧ fɳɡʃ⊐tsɑʒsɢʃɑˈɳj fʑtsɢts ɑʑɡʕOɑɕfɳʒɔOð ɔɑɑzʰ j ɑɑʃʷ.

ʕ lsOɑʑj lzʜOɳOɑʑj ts⊐ɑɑOʜʃɑɑOʧʳ ɑzʕtsɑʒʃɑfɳɡʃɑʃ. ɻ ɻ Ofɳɡʃ, ɢʜj tsfɳʒOɑʒɔʃɑɑzʃ ʌ tɑOɑʑ⁴ɑɑʃɑɑ, ʧtɑɕʃɑɢɑOɡɳʃɑɑʃ fɳjɑʒj tɑʳ ⊐ ɢtstɑtsɤ Oɑʒ. ɻ tsfɳɑʑj ɑʒOɑɑʃʧlzɑzʷɳɑʃ? ɾ j fɳɑʒtsɑɑO ɳj lsɔj tɑts ɑɑʃɳj ɢts ɑʑɡ tsʰ lzlsʃɑɑʃ, lstɑtsj ʟOʸɔʃɑɑʃ, ɳʒstsɔ lz ɑɑʃ⊐ ɔtsʟɑɑʃʕɑɑʃ ɑʑɡtsʙʳ ɳɑzʲ j tsʰ lzʰ j ɑɑʃʷ. ɻ tsʜtsʙ ɑzʲ ɑʒɤ j j tsʙtɑOʟtsɑʒʃɑfɳʧʳ lsOɑɑʃ fɳjɑʒj tɑʳ ⊐ ʙtsɑzʲ ɑzʲ ⊐ ʃɑʟ ʙɑɑOɢtstɑtsʜɑʒtsɢts fɳʒsfɳɑʒtsɔʃʷ: ʧʷlsj tɑts ɑʒʃɳj ɢts ɑʑɡ tsʰ lzlsʃɑɑʃ, ʜɔtsj ʧtɑɕʃʟɑɑOɑʒʃ, ɳʒstsɳʒstsɳlsstsɑ ɳᵝ -ɑʒj ɑʒʃɑɑʃ, ɔʟʷɑzɢtɑzʧʧlz ʃʟ ʜj fɳʸlsj tɑʳ ⊐ ʙtsɑzʲ ɑzʲ ⊐, lz ʜj ɔʷlsj tɑʳ ⊐ tɑj ʟlzɑzʲ lsOʒs ʧtsɑzʒɳʃɑʃɳʸ tslstɑʃɳOʒsj ɑzʲ ɑzʲ ?; tsʜɑɑOɤ j ɑzʲ ʃɑɑʃ ɑɑO) ʕtslststɑOʸ ʃ ɑɑO ʟɔOɑɑʃʷ-lstsçɤ ʃɔtslsɑzʲ ? ɑʒɢɢɑʑj lsʃʟɑè ɑʑɡ fɳɡzʰ OɑɑO) ɳʒɔfɳɡʃɔtsɔOɑɑOɤ Oɑɕ, ʙtsɑzʲ ɔ ɤ j ɑɑzʜʕj , ɔ fɳɡʃɑʑɡ ʃ ɢtsɑɑsɔj .

ɻ j tɑɔʳ ? ʃlstsɢʙʳ ɑzlsOʕtsɔ. ʜ ʕj ʧ lsʃɳj fɡʃ ɑ ɑɢfɡstɑtsj ɑɑzʲ j ʕtsɑʒʃfɳɡʃtsɑʑɡ tɑʳ ɔfɡj⊐ ʜj fɳɡtsɑɑsɔfɡʃ⊐ ʧOɳʃɑj ɑɑstsɔ (lz ʕtslststɑʳ ⊐ tɑj ʟlzɑzʲ lsOɑs ʙʳ ɑzʧtsɑɑsɤ ʃlsj ɑzʲ ɑzʲ ?) ʧtɑʃɑzʷɑɑʃ ʟOʃʧ⊐tsɑɑʜtɑʃʕtsɔ, ʟOɑzʲ ʜj ? ɑʑɡ ɢʕtsɔj tɑɑzʲ ⊐, fɡʃɑɑsɑɑzʲ ⊐ ʕ ɳlzʜj fɳOɑʒ ɔj tɑʷʰ ʃ⊐ ɔts ʷ ɑzʲ ɑʃʜ. ɻ Oɤ ɑzʲ ⊐ tsfɳʒsʙ, ʧtɑʃɑɑɑʃɑʒOɔʰ ʃ⊐ lzɳOfɳsʃj , ʧtsfɳɳʃlsOɑɑʃ ʟOʧtsʜʕlzʧɑʑɡ ɑɑzʲ ⊐ tsʙɑʒOɑzʲ ʃʕtsɔ.

ʃ ʧʳ lsʳ ʧtɑtsʜtsɑɑzʲ Oɑɑʃfʰ). ʃ ɾ j fɳɡtsɑɑsɑOʧtsʧtɑtsfɳʃɑɑʃ ɑɑOɑʒOɢɑʑɡ lsʃʟɑʃtɑtsɔOʒsᵘ ɳOʰ ʕlz ʜɑzʷ ʧɑʃlsᵘʷ, ɳOɑzɑʃ tsʜɑɑs ɑʃʟ ʜj tɑj ɔᵘ j ɔ ɔ fɳɔʜlz ɻ Ofɳɡʃ. ʃ ʜɑɑʃɑʒʧOɳʃj ɑɑsOɑʒʙʳ ɑɑs ʧtɑj ʜɑɑsʲ j ɑɑs ɔʳ ʧɑʃlsᵘ ɑʃʟ ɳOʰ ʕɑʃ, ʜtɑzɢɢʃɑʒð ʧtɑtsɢlzɑzʷlsᵘ fɳʷ ʧts Oɑɑʑɡj , lstɑj lsᵘ ɑʃɑʒð ʧtsʜtsʔlsɑʃ ʕ ɳOɑɑz. ɻ tɑʃɑʒj ɳOʒsj dz ɑɑs, ʕtsɢʜOʙtsɑzʲ ɑzʲ ɑʒɑʑɡ fɡʃstsʙʰ Oɑɑʃ, ɳʒstsʜj tɑj ɔts, ɳOʰ ʕOfɔtsʜtsʔ ɑʃɑɑʃ ɳOɑzɑɑOʑɢɑʑɡ lsʃʟɑʃtɑtsɔOɑɑz , ɑɑʃʕOʕɑʃ⊐ tɑj Oʕɳɑʃ? ɑʑɡ ɔtsʟɑɑʃʕOɑɑs. ɭ ts fɡʃstsʃɑʃɑɑs tsʙ ɻ lstsɑʒ fɡʃstsʙʰ ɑʃlsᵘ ɑʃɑɑʃ fɳOɑʒtsɑʒz ɾ j fɳɡtsɑɑz ʜOlsᵘ ɳOʰ ʕlz, ʕOʕ ɑʒɑɑsɢɑʃj ɔʧOʜOɑɑʃ ɔ ʕOʕtsj -lstsʟOɢOʜtsɳɑɑsj fɡʃsfɳʒstsʷɑɑʃj , ʜOɤ j ɑʑɡ ʧtɑʃʙɑɑʃɤ Oʸfɳ ʕ ɑɑOɑʒOɢɑʑɡ lsʃʟɑʃtɑtsɔOɑɑzɑɑsɑʒz ʜj tɑj ɔlz ɑʃɑɑʃ j ʜɔOʕOfɳOʸfɳ ɳOʰ ʕɑʃ. ɾ fɳɑʃɑ ʙtsɑz ɑzʲ j ʙʳ ɑɑʃ lzɔj tɑj ɑzʲ , ɳʒsts

fmjsOdtOfmjslzvu[Ols LlzBOdsf, lOlsjdz3ofmj j j lsjdts lOlststf[dzx[Ots, dtOlstej ls j ? dz3[dtzlsj Hr ?OdtfmjlzvuOfmjsf[dtsfmj, lsjdts tf[tetsGdtzdtsfmj otfjtej H [lO=tetsx[Odts. t OlHOdtfmjy lsO?ts? fmjslz? LlzBOdsf, vulstsfmjlz h dts Br dts fmjs H=tstOJ tf[tetslstsG?tsdj ulstsGts tstfr lsOlOf[fmjOdt[: çl [G?lstsG? Btsdz dts? dj tf[te[G?fmjOdtfmjy, j j dsOGdjlsf[lf[tetsOdts fmjsBfmjsoj dtdtsj otstsBteO=[j dtf[j è.

12-? tstfr ls. 20-djlsdtww x[j dtl [dtO)G?tslstsOy dtOtf[tej Hr Hlzh j dsfmjOdtfmj dtf[h [dtOfmj tej v[, dtf[vuj Gts dj vuzofmjsotsOdtOdtf[tslsdsdtf[dts?, dtf[tslstej Odtz dts? dsOGdjlsf[lOv[f[. l ts, G?tsGHOj? lO=wlOdtf[GdtOlO) otstsBteO=[j dtf[j lslzlsx[j çtsvudtzdtsfmj è [Gtsdts=Otslswx[j dj dtO [OdsOtf[tstf[tetsfmf[dtO, vulstsBr [j fmjdtsdzf[tsHdj fmj tfOdjvuG?j j dtsfmjz, G?Ots dz lsts Hj dtOdtzf[tej x[Hj, G?tsGHOtsdtO?tsdj dsj dtO [j dtzh j vuj dsLOdsf[dtzlslz tsdtO dtf[h [dtOfmj HOteOtej v[.]r lsOyfmj LOGtsotstef[ls, tsdtOdtOf[te wGOdtOfmj [Lts ofmj? fmf[dz, dtts lsh j lsdts ð fmjz h Odtfmjy lstsdz?ts fmf[f.

14-? tstfr ls. l dsj fmjsts Hoj tef[, teOlHj dzwg h j ? Hoj tf[tetslsf[otstf[tsdtsx[dz j ?tsdsdtOlsr , ofmjsO=o[dtf[teOdsz, ts?djj dtdtzg Hotsdtts? Blzds3Gts?.] tef[GdtOfmf[o Hj o[vuz ð h oj g , ?tslstsOy o tf[tej Hr Hlzh [?? tstfr lsO? ?tstetsh ts tf[tsHHO=OdtOfmj ds3Gdjlsf[lds3z, [j fmjdtsdzvuj tej L Blzds3O=[dtzg teOdsz ds3Gdjlsf[lf[tetsOdzj j o lsjvuj dtf[j tf[tsdtzvuOfmj. l fmj ulsts otej dsw Hj o[vuO=oj fmj dts teOlGtso=tef[=OdtOfmjtsBh j fmjsotsds3[tslsoj vuOdtO dtOotstf[tetsfmj. [?OlOdtsfmj, vulststsdtOdtf[vuj Gts dj vuzofmjsotsOdtO ostsGHO[j fmjdtsdzotsh j dzo ?tsdsdtOlsz [tf[tef[dzwdtfmy j j ds3Gdjlsf[lf[tetsOls dj tf[tsfmjej Hfmjsoj dtdts. Y j tej L lsteaf[ds3[dtzls tf[tswo[dtf[fmj lswx[j dtsj Hr ?OdtfmjJ, tcr HOdtfmjJ, fmjslz? Llzbtso, x[j fmjstsG?Oy Gtsdtsodtoy Btsdz. [dtOlstsf[OdtOdtsGOds[, lOdtOdr oOdtOtdz?[. [j fmjdtsdztsBj wo[dz ç[tf[r lsts?tsdvu[dtfmyè. [HdtsGts ulstsGts fmjdtsOBr dts Htsotsdz dts, vulstsBr Hj o[vuOoj tedtzdtOfmj o dtstedsOdz dtsj fmjsfmjstswdtf[j.

R otslsc[lstsG. ş tsds[fmfmqw tsBj wfmjdtf[dtOofmj wodjdtf[w fmjdjHfmjso[j ds3çotstsBteO=[j dtf[w, tf[tsHteO=[Odtf[w cf tf[te[?tsfmjdtsoj dtf[wè. ? lsc[lstea[O?j dtsOdjfmjdtf[dtOfmj Bj ofmj lswx[j fmjs tslsoj lsfmjsoj dtdtsfmjs[lOds3O?djlsf[vuj fm?cj wj dtsds3j dz . l tslsvuj lsj 11 O=Gdzfmjs01784 GtsHOGts=otstef[lsfmy: çl tstsBteO=[j dtf[j Bj L ds3O?djlsf[lds3Oor Lr oGj ls tej G?vuf[c[. [O?djlsf[lds3Bj L otstsBteO=[j dtf[w dj or Lr oGj ls dtf[vuj Gtsè*. [lsfmj HOfmjzHtso=Odts, vulsts ds3O?djlsf[lds3Odj fmjzh j fmjsolzj ls, Otej G?vuf[c[or Lr oGj ls tsHdtsdtf[h l otstsBteO=[j dtf[j Btsdz dz ?.

l tstsBteO=[j dtf[j lsteG?lstso=Odtsfmj ?G?

* Les verdict des Academies des Sciences et de Societe Royale de Medicine. Paris, 1784.

[lz⊐ lz∫ tɑⱣɔɑzʸj ls ɑʒⱦlsj tɑɑ∫j ʔ. ∫ . ʊ⁻ʲ j tɑtɑɑ∫ '

ɹʳ ɑzs Bʳ Gtɑzfɲlsɑzs, j fɲɲzɑ∫ Bʳ ɑ∫L ɔfɲj⊐ ɲɑɑj ɑzsɔ Ɋtsɑʒɑ∫fɲfɲɲɑ∫ʔ ɑɑj ɑzⱦʲ ɑzsfɲ ɑzɑ∫Ɋtsɑts, Ɋlsts Bʳ ɑɑj fɲʃsɑ∫ɑⱦfɲɑ∫ɑzfɲʸ fɲɑ∫⊐ ɔʳ ɔtsHⱦɑʒɑ∫. ∫ lsɊⱦLⱦɔʰ ɑ∫ɑʒfɲʷ ʃɑtsHʃɑ∫fɲⱦlsᴴ LⱦɊɑzʸ ɲjɑzɑ∫j ɔlststɑtsʔ Ɋtsɑʒɑ∫fɲfɲɲɑ∫ɑ Bʳ ɑzfɲⱦɑʒjj ʃɑtɑjHfjjHⱦlsjɑzʸ ɸɑzslzⱦɑzʃ tstɑⱦɑzHj ɾ ʁ fɲfɲʲʸ, Lɑzⱦɑzj ɑzɑ∫lsʳ ʔ Btslsⱦɑzɑ∫Ɋ, ɲɑɑj ɑzɸ ɊⱦHj ɑʒɑ∫ɑ∫ ɑⱦɑzɊ, fɲʃsfɲʃstsʷɔʰ ɑ∫ʔ ʃɑtɑtsʷj fɲɲtstɑtsɑʒɔ ɪ ⱦɑɑ∫ʏ fɲɊʃtsɑʒɪ tslsⱦɑzɑ∫ɲj fɲɊʃtsɑʒfɲⱦHlz. ∫ ɑzʙʳ ɑzʃɑj ɑʒʷɑzɑ∫Ɋtsɑʒɑ∫Lɔj fɲʃsɑzʸ⊐ Btɑⱦlsᴴ j ɔ ɾ ʁ fɲfɲʲʸ. Hlsⱦɑʰ ɑ∫ʔ ɑ∫L Btɑⱦlsᴴ j ɔ ɸ ɑzstsɑz(1686ð 1758) Bʳ ɑzlzɲj ɑzɑ∫Ɋtsɑʒ Lɑzⱦɑzj ɑzɑ∫lstsGts ɾ tsLj ʷʷⱦɪ ɑ∫lsltsɑzⱦHj ʊlzɑtɑⱦj ʷʷlzɑtɑⱦ, fɲɊʃtslstɑɑ∫lsj ɑzʸ ɑ∫ tsfɲɑzsɔⱦlsj ɑzʸ fɲⱦHtsɔ ʊtɑɑ∫ⱦlstɑtsɑzⱦɑ∫ ʃɑtɑj ɑʒɑzɑ∫Ɋtsɑʒj Gts ʃɑts Ɋⱦʷʷj Hɑtɑj Btslsⱦɑzɑ∫Ɋɑ∫ ʃɑtɑ∫ Ɋtstɑtsɑzⱦɔfɲ ɊtsɑʒfɲⱦHj ; ɹ j tɑɑzⱦɑtɑ(1699ð 1776) ð tsfɲɑzsɔⱦlsj ɑzʳ 1-ʔ j fɲʃsj fɲʃsɔj ɑzɑzsʔ fɲɑ∫fɲʃsj ɑʒʳ tɑⱦfɲʃsj ɑzɑ∫ʔ; ɾ tsLj ʷʷ (1704ð 1779) ʃɑtɑj Hʃɑ∫ɑ∫ʳzʷzBtsʳʰ tsj ʃlzlsj ʰ j fɲʃsɔɑ∫j ʃɑts ɑzⱦfɲɑ∫ɑzlstɑtsʃɑ∫ɑ∫j fɲʔs ɸ ɑzjɑ∫ɑ∫Ɋɑ∫, tslsɊlzHⱦʃɑ∫ɑ∫j L tsGtɑtsɑʒɑzʳ Ɋtsɑzɑⱦj Ɋɑ∫ʁ tɑⱦfɲʃsj ɑzɑ∫ʔ. ɸ ɑzslzⱦɑzʃ tstɑⱦɑzHj ɾ ʁ fɲfɲʲʸ fɲɑ∫ɑ∫lsⱦjɑ∫ʃʷ ɑzⱦfɲstsʷʰ ɑ∫ɑʒtsfɲɑzsɔⱦlsj ɑzⱦj ɑzʒj fɲʃsj fɲʃsɔj ɑzɑzsʔ fɲɑ∫fɲʃsj ɑʒʳ tɑⱦfɲʃsj ɑzɑ∫ʔ, Gɑzⱦɔɑzj tsfɲɑzsɔʳ Ɋtslststɑtsʔ Bʳ ɑzɑ∫ Lⱦɑzsɑ∫j ɑzʳ ɾ j tɑɑzⱦɑtɑsɑ∫ʒɾ ʁ fɲfɲʲʸ.

∫ tstɑⱦɑzHj ɾ ʁ fɲfɲʲʸ tslsɑzⱦfɲfɲʷ Ɋ tstʃʳ lsⱦɑzʒ∫ j fɲɑ∫j tɑⱦfɲʙtsɑzʰ j ʔ Htsʙtɑtsfɲɔj fɲʃsɑzsfɲʃsᴴ ʁ ɑ∫ ɑzj ɑzʰ j ʔ ʃɑtɑj HɔLʷlstsfɲʃsᴴ ʁ , ɲj ɑzʒ ɲɑzⱦj ɑzʳ j Gts Ɋtsɑʒɑ∫fɲfɲɲɑ∫ɑ∫. ʊ ɲj ɑzsGts ɑzⱦ fɲʙɑ∫ɑzɑ∫ fɲlstsɑzⱦlz ʷʷⱦɑzsGfɲɲʒⱦGtstɑɑ∫ɑ∫ j fɲɑ∫j tɑⱦj jGts ɑʒⱦGɑzⱦj lsɑ∫Lɑ∫tɑtsɔⱦɑzɑzʳ j Hj tɑⱦj ɔɹʷ, Lj tɑⱦɑzⱦ, ɔtsHⱦ ɾ ʁ fɲfɲʲʸ lzɔɑ∫Hj ɑzɑzⱦj ɲlsts Btsʳʰ j j, ɲlsts ʃtstɑⱦlɑ∫ɑzs j Gts: ʃtɑɑ∫ ɑzsɔtsɑʒɑzⱦj lstsHj ɑzⱦBtsʳ ɑzsGts Hj ʔ fɲʃsɔlzj ls ɊⱦɊⱦʸ-lsts fɲɑ∫ɑzⱦ R ⊐tslsʷ tsɑz, ɊⱦɊ ɑ∫ tsfɲʃsⱦɑzʳ ɑz j, Bʳ ɑz ɑⱦ fɲʃtsfɲʃsBj ɑzⱦj j tstʃtɑj Hj ɑzɑ∫lsᴵ, ɑzsGɑ∫ɊⱦlzBj ɲʸ Hⱦɑzⱦɔ fɲʒʰ j fɲʃsɔtsɔⱦɑzɑ∫ ⱦGj ɑzsⱦ, çɊtslststɑɑʳ ʔ ɑʒsʸ j ls ʃj tɑj ɑzsfɲɑ∫lsᴵ fɲʸ tslstsHɑzsGts ɲjɑzsɔj ɊⱦɊ Htɑzɑtsɑʒz ɑ∫ ʃtɑtsɑ∫Lɔtsɑ∫lsᴵ ɔtsLHj ʔ fɲʃsɔɑ∫j è. ş GɊtsGts ʃtɑtsɑ∫fɲ⊐tsʸ Hj ɑzɑ∫ʷ ɹ lstslsⱦGj ɑzsð ʃ fɲɑ∫⊐ɑ∫ɲj fɲʃtsGts, ɑʒⱦGɑzⱦj lsɑ∫ɲj fɲʃtsGts ɑ∫ɑzɑ∫ ɹ ɑzj Ɋtɑɑtsɑ∫ɲj fɲʃtsGts,ð ɾ ʁ fɲfɲʲʸ ʃtsɑzʸlsᴵ ɑzⱦ ɑzsG, ɑzs fɲɑ∫lsⱦlz, ɲlsts Htsɑzʳ lzɲj ɑzʰ ⊐ j Gts ɑ∫fɲɲɑzj Htsɔⱦsᴵ, Ⱦɑzⱦ tslstɑɑ∫ɲⱦsᴵ .

* çɾ lz⊐ lz∫ tɑⱦɔɑzʸj ls ɑʒⱦlsj tɑɑ∫j ʔ è ð ɹ lsɑ∫ɑʒɑ∫Lɑtɑj ɲj ɑzɑ∫j ɑʒɑ∫Lɔj fɲʃsɑzʰ ʔ ʷʷ tɑⱦɑzɑlzLfɲʃɑ∫ʔ ɑ∫fɲʃstɑtsɑ∫Ɋ ∫ Gʁ fɲʃsj ɑzʰ ʊʲ j tɑtɑɑ∫ (1795ð 1856) tɑj Lʁ ɑʒʃtɑtsɔⱦɑzfɲzʰ ɑzsfɲʃsᴵ fɲʙtsj Gts ʷʷ ɑ∫ɑzsfɲʃsʷʷ fɲʃtsGts ɑʒʃtɑtsɔtsLLtɑj ɑzɑ∫ʷ.

separatum è, ...

[illegible]

[illegible] (1933).

[illegible] (1812) [illegible]

[illegible] 1982).

[illegible]

[illegible]

Фэтэсэдзэ дзэтэсэдзэ

4 февраля 1784 года Екатерина II подписала указ, по которому Потемкин получил 26

∫ ʳ lzϰ j ɹ ɑtsɔtstɑ∫ɑzɑ∫, ʋɻstsˢtscʒ∫fɳɡɳ∫ʷ ɑjᵩ lzɔɑ∫Hɹ ɑzO∋ ɑʒ⊙ɑ⊙ɑᵩ lsɑ∫ʋɻ fɳˢɑ∫ɑʒʷʷ ɑz ɑ∫Hj tʃtscz Lʳ , Btscjᵩ ɹ lstsɑtˢ, tscɑ⊙ j ɑtˢ H⊙ϰ j ɹ ɑjᵩ tsBɑzɑ⊙ɑzϰ ɑ∫ɑz⊙ ∫ tʃtscɑzɑscʒʷʷ tstɑcʒ⊙lsj ɔʳ ɔtsH tʃ j ɹ tɑɔtsᵀ ˢtscʒ∫fɳɡɳ∫ɑ ɑtɑ⊙fɳɡɳ∫ɑz ç Y ɑjᵩ ɑz ˢtscʒ∫fɳɡɳ∫ɑ lzB j ɹ H∫ɑ∫ɑz∫fɳ , ʋɻstsˢ ɑʒ⊙ɑ⊙ɑ∫lscɑz⊙ʸ ϰ ɑ∫Hˢtsfɳˢ (ʷʷ ɑz ɑ∫H.ð ϕɔlsˢtstɑc, ∫ . z ɻ .) ɑjᵩ tsˢ⊙Lʳ ɔ⊙ɻ ls ɑz⊙ ɑz⊙ʰ ɑ∫ tstɑcɑ⊙ɑz ʋɻzɔfɳks∋ ɑzɑ∫ˢ⊙ˢtsɑtˢ ɔtsLHj ɻ ⁇ fɳks∋ɑ∫ʷ. ∪ Htsfɳˢtsɔj tɑ∫ɔʰ ɑ∫fɳ , ʋɻstsˢ tʃtɑ∫ˢtsfɳɑtsɔj ɑzɑ∫j tɑzˢ ˢ ϰ ɑ∫ɔtslscɑtscʒz tstɑcɑ⊙ɑzɑ∫Lɑʒz tʃtɑtsɑ∫LɔtsH∫ls ɔ tʃtsfɳɑjᵩ Hɑjᵩ ɑʒɑ∫Lɑʒj ɑjᵩ ɑzɑ∫ʷ, ˢtslststcʳ j ɔj fɳ ɑʒ⊙tɑj Hˢtsʙʳ ɔ⊙ʸ ls j ɑʒz tʃtscjᵩ Lɑz , ɔʳ Lʳ ɔ⊙ʸ Btscjᵩ Lɑjᵩ ɑzɑtsj tɑ⊙fɳɡstɑtsˢ⁇ fɳks∋ts ɔtstsBtɑ⊙ɻ j ɑzɑ∫ʷ; tʃtsˢ⊙L⊙₂, ɑzɑ⊙ˢtscjᵩ ʋɻ, tʃtɑ∫ tʃtscʒsʰ ɑ∫ lstsʋɻzˢ ∏ tstʃʳ lstsɔ, ʋɻstsˢ ɔtstsBtɑ⊙ɻ j ɑzɑ∫j Bj L ɑʒ⊙ɑ⊙ɑᵩ lsɑ∫Lɑʒ⊙tʃtɑtsɑ∫LɔtsH∫ls ˢtscɑzɑzɑz fɳɑ∫ɑ, ⊙ɑʒ⊙ɑ⊙ɑᵩ lsɑ∫Lɑʒ Bj L ɔtstsBtɑ⊙ɻ j ɑzɑ∫ʷ cjᵩ tʃtɑtsɑ∫LɔtsH∫ls ɑzɑ∫ʋɻ Gˢts, ˢtscʒ∫fɳɡɳ∫ʷ j Hɑ∫ɑzɑsHzʰ ɑzɑs tʃtsfɳks⊙ɑzɑs∋ɑ∫ɑz⊙ ɻ lsO cjᵩ fɳzʰ j fɳks∋lzᵡ ʰ ⊙ʸ ϰ ɑ∫H ˢtsfɳˢ Bj fɳtʃtscjᵩ Lɑz⊙ ⊙lsj Lɑz⊙ʋɑ∫lsj cz cz j ɻʷʷ j ˢls ʳ , ˢtslststcʳ j ɑz⊙Bcz H⊙ʸ lsfɳʸ ʷˢtsBʳ ɔts ɔtɑj cʒʷ j j Hj ⁇ fɳks∋ɑ∫ʷ, L⊙∋ɑ∫fɳʸ ls tʃtscɑzɑsfɳksᵚ tsls tʃtɑ∫ˢtsfɑtsɔj ɑzɑ∫⁇, tsls ɔtsLBlzϰ Hj ɑzɑtsGts ɔtstsBtɑ⊙ɻ j ɑzɑ∫ʷ ɑ∫ tsls lstsGts ɑʒ⊙ʸ ɑ∫ɑz⊙ɑz ɑzɑGts tʃtsHtɑ⊙ɻ ⊙ɑzɑ∫ʷ, ˢtslststɑtsj , ɔtstʃtɑj ˢɑ∫ ɑz⊙ʸ j ⁇ ɔtscjᵩ , L⊙fɳks⊙∋cz ʲj ls ɑz⊙fɳ∋tsfɳtʃtɑtsɑ∫LɔtsH∫ls ɔfɳj , ʋɻstsˢ tʃtsˢtɑ⊙ɻ ⊙ɻ ls ɑz⊙ʸ ɑ∫ ʋɻzɔfɳks∋⊙è*.

∫ lstsˢ ϰ j ɹ ɔtɑj cʒʷ ˢtscʒ∫fɳɡɳ∫ʷ fɳʋɻ∫ls⊙ɑz⊙fɳj Bʷ tsBʷL⊙ɑzɑtsˢ⁇ tʃtɑ∫ɔj fɳks∫ tsHɑzɑs ɔj fɳ ɑʒ⊙ɔ⊙ɻ ɑzɑsj fɳˢtsBtɑ⊙ɻ j ɑzɑ∫j : ç ˢ lsɑ∫ tʃtɑ∫ˢtsfɳɑtsɔj ɑzɑ∫ʷ ɑzˢsGzlsˢtsˢ⊙L⊙lsᵚ fɳʸ ɔtɑj Hɑz ɑʒɑ∫, lsˢ⊙ˢ ˢ⊙ˢ ɑ∫L-L⊙ɑzɑ∫∏ ɔtstsBtɑ⊙ɻ j ɑzɑ∫j ɔʳ Lʳ ɔ⊙ɻ ls lz tʃ⊙ʋɑ∫j ɑzɑs⊙tʃtɑ∫ʋ⊙Htsˢ⁇. ∫ tɑ⊙ɔɑzɑs⁇ fɳksj tʃ j ɑzɑ∫ tsʃ⊙fɳɑtsɑ∫ Ltɑj ɑzɑ∫ʰ j ɻ lsɑ∫∏ tʃtɑ∫ʋ⊙Hˢtsɔ ɔfɳɑjᵩ Hfɳks∋ɑ∫j lstsGts tʃtsHtɑ⊙ɻ ⊙ɑzɑ∫ʷ, ˢtslststɑtsj tʃtɑ∫tɑtsH⊙ tʃtsˢ-ɔɑ∫Hɑ∫ɑzɑʒz, ɔtsLɔj ɑz⊙lz ɑz⊙fɳɔ Lˢ⊙ˢtscz ʉ ɑjᵩ Htsɔ⊙ksj cz ɑzɑs, ɔfɳʸˢtsj tʃlzBɑzɑ∫ʋɑtsj ɑjᵩ ʋɻ ɑzɑ∫j , tʃtɑ∫ ˢtslststɑtsʒBlzHlzlslzʋtslstɑj Bɑjᵩ cz ɑʒ⊙ɑ⊙ɑᵩ lsɑ∫ʋɻ fɳˢɑ∫j fɳtɑj Hfɳks∋⊙ ɑ∫ʒsϰ j ɹ ls tsˢ⊙L⊙lsᵚ fɳʸ ɔtʃtsfɳɑjᵩ Hfɳks∋ɑ∫ɑ tʃ⊙ɑ⊙lzBɑz ɑʒ.. ∫ ⊙ɑ⊙ɑᵩ lsɑ∫Lɑʒɑjᵩ tʃtɑj Hfɳks∋⊙ɑzʷj ls fɳtsBtsˢ⁇ ɑzɑ∫ˢ⊙ˢtsGts tʃtsɑtsϰ ɑ∫lsj cz ɑzɑsGts ɑʒj lstsH⊙ɑjᵩ ʋɻ ɑzɑ∫ʷ, tʃtsz Lts∋⊙ɑzɑ∫j ɑ∫ɑʒlstɑj Bɑlzj ls Btsz ʰ tsGts ˢtsɑzɑ∫ʋɻ fɳks∋⊙ɔtɑj cʒj ɑzɑ∫ ɑ ˢ lstsɑzz ϰ j ɹ Bj fɳtʃɑzHɑzs. ʉ lzʰ j fɳks∋lzᵚ ls Btsz cz j , ˢtslststcʳ j ɑjᵩ ʋɑ∫ɑzɑ∫fɳ ɔ lsj ʋɻ ɑzɑ∫j 18 ɑʒj fɳʸʋɻ ɔ ɑ∫ H⊙ϰ j ɹ 2 ɑjᵩ ls, ɑjᵩ tʃtsɑzʋɑ∫ɔ ɑzɑ∫ˢ⊙ˢtsGts tsBɑjᵩ Gʰʋɻɑzɑ∫ʷè (fɳʒ Rapport, 1784).

ʅ ⊙ɑcʷHlz fɳᵘ lsɑ∫ʒ⊙ˢ⊙Hɻ ɑʒ∫ˢɑ∫ tslsɑzj ʋ⊙ɑzɑ∫: ç∫ tʃtsɑ∫fɳˢ⊙T ϰ ɑ∫ɔtslsɑzɑsGts ɑʒ⊙ɑ⊙ɑᵩ lsɑ∫Lɑʒ⊙lzH⊙ɑzɑsfɳ ɑ∫Lzʋɑ∫lsᵚ Hj ⁇ fɳks∋ɑ∫lsj cz ɑzɑᵡ ɔɑ⊙fɳksᵚ , ˢtslststɑzᵡ ɑzˢsϰ j ɹ ls ɑ∫ɑzj lsᵚ ʋɻ ɑzɑs∋ɻ ˢ ɑzɑ⊙H ʋɻ ɑzɑs∋ɻ ˢtscʒ tʃtsɑʒ∫ɑzˢ ɑjᵩ tʃtsfɳtɑj Hfɳks∋ɻ ɑzɑtsGts ɔɑzɻʰ ⊙lsj cz fɳks∋⊙ʷ ɑ∫Lzʋɻ fɳˢtsGts ⊙ɑɻ ɑzɑs⊙ ʉ lzHʷ

* Rapport des commissaires charges par le Roi, de l'examen du magnetisme animal. Imprime par ordre du Roi. Paris, Moutard, 1784.

[illegible]

[illegible] (Rapport, 1784).

[illegible]

[illegible]

[illegible]

ɯɑʃtsɑʑOɑʑz ɑʑsj ɘtstsʁtɷOɬjɹɑʑɑʃj ʃtɷtsʕɑʑOʜr ɘOʃlsˡ ɘɑʑʑʰ jɹɑʑɑʃj, ɑʑʃsʁɑʃɑzɑʃʟʑʷ fɳʃɑz tstɷGOɑʑɑʃʟɑʒO; ɑʃfɳɹjɑzʸjls. ʕlsts ʃtsɑʑsɬjɹɑʑɑʃj ʃtɷtsʁɑʃɘOɑʑsfɳ ɘ fɳʂʟɑʑOɑʑɑʃj fɳʁtsɑzʰ ɑʃɑʒlstɷzʜtsɑʒ ʃ tsɬjls ʁʳ lsˡ, ʃtslstsɑʒʒz ɯɬsts, ʕOʕ fɳʕOɹʟOɑzʃ Oɑtsʰ ʷwlzʕts, çɑʑOɑʒlstɷzʜɑʑs ʃtsɘjɹtɷɑʃlsˡ lstsɑʒz, ɯɬsts ɑjɬɬɬɑʃlsʟO ʃtɷjɬɹjɹɑzOɑʒɑʃ ɑʑOʸ jɹɠts ʕtɷzɠtsʟtstɷOè. ɾ fɳʂˡ ʃtsɘtsʜ ʟOɑʒjlsɑʃlsˡ, ɯɬsts ɘɑʑʰ jɹɑʑɑʃj, ʕtslststɷsj fɳlstsɯʕɑʃ ʟtɷjɹɑʑɑʃʷ ʷwɑʃʟɑʃtsɑzsɠɑʃɑʃ ɑʃ ʷwɑʃʟɑʃʕɑʃ ʕOɬjɹlsfɳʸ ɑjɬɬ fɳʑʰ jɹfɳsɘjɹɑzɑʑ ɑʒ ʜɑʑʷ ɑʃfɳɹjɑjɬɬɑʃʷ ʙtsɑʑ ɑʑ⊐ʃtɷɑʃtsʁtɷjɹlsGjls ʃjɹtɷɘtsfɳʂjʃjɹɑzɑʑsj ʟɑʑOɯjɹɑzɑʃj. Ɪtstsʁʰ jɹɠtsɘtstɷʷ, ɯjɹɑʒʙtsɑʑʰ jɹɑʒjʜɑʃɯɑʃɑʑOʙlzʜjɹlsfɳɯɑʃlsɠOlsˡ fɳʸ fɳᵘlsɑʃɑʒ lsjɹɑʒ fɳʕtstɷjɹjɹʔlzʜOɬɳʂfɳʸ ʜtsʙɑʃlsˡ fɳʸ lzfɳʃjɹ⊐O; tɷOɭɘɑʃɘOʷ ʃfɳɑʃ⊐tslsjtɷOʃɑʃqˠ . ɻ tsfɳɑʃjʜɑjɬjɹ ɑjɬɬtsʁ⊐tsʜɑʃɑʒs, lsOʕ ʕOʕ ʁjɹʟ ʃfɳɑʃ⊐tslsjtɷOʃɑʃɑʃ ɑjɬɬɑzʟʷ tsfɳʑʰ jɹfɳsɘɑʃlsˡ ʃtsɑʑɑʑsj ɑʃʟɑjɬɯjɹɑʑɑʃj. çɪjɹʟ ʃfɳɑʃ⊐tslsjtɷOʃɑʃɑʃ ɑʒsɤjɑʑsɬstsɑzʕtsʃtsɯɑʃɑʑsˡ fɳOʃtsɠɑʃ ɑʃɑʑɑʃ ʃtɷɑʃɘɑʃɘOlsˡ tɷOɬjsjɑʑɑʃʷ, ɑʑsɑʑɑʃ ɘʕtsjɑʒfɳɯzɯ(jɹ ɑjɬɬɑzʟʷ ɑjɬɯɑʃlsˡ lsOʕtsʔ ɯɬzɘɬjɹsɘɑʃlsjɑzɑzʔ tstɷGOɑʑɑʃʟɑʒʕOʕɑʃɑʃɑʑOʃɑʃ, ɑʑsɑʑɑʃ ɘ

ʃ ɑ[¬Ⱦɑ[ɑzz¸ ts2ʷʷjls

ɘfɲjɘtsLɑʒtsxɩɑzˬ jˌ нɘɑ[xɩjˌɑɑ[ʷ, ʕⱾʕ ɑɑ⁚fɲstsʷʰ ɑ[jˌ ɑɑzɑɑⱾsɑ[ʕɑ[. ʀ ɑzˬ jˌ ɘɑʒjˌfɲstsˌlstscᵹts, ʋ[stsʙʳ ɑ[fɲʃʳ lsʳ ɘⱾsᴵ fɲɣнtstɑtscᵹɑ[, ʕⱾLⱾɑzɑ[fɲ, ɑɑⱾsʙtstɑtsls, ʃʇscᵹtɑɣxɩjˌɑɑzˬ ɑʒɑ[ɘ ɢɑɑzʙtsʋ[2ʰ ɑ[2 ʇʃtsʕts2è. Ɪ ɬ lstsɑʒtsʃɑ[fɲⱾɑɑzɑ[ʙjˌL lstɑɣнⱾɣɢⱾнʳ ɘⱾᵞ lsfɲʸ ɑ[fɲʕɣfɲɲsɘjˌɑɑzˬ 2 fɲsɑɣ(ɢɑ[ʃɑɑsL) ɑ[ɑ[fɲʕɣfɲɲsɘjˌɑɑzˬ 2 fɲsɑʒɑɑⱾɑʒʙɣɑɑz[Lɑʒ ʉɣzʰ jˌfɲsɘjˌɑɑzˬ 2 ɣzʃtɑjʕ ɘ Ȿнtɑjfɲʕtsɑʒ[fɲɲg[ɑ[, ʋ[stsˌtsɑⱾɑʒ ʃʇtɑɑ[нⱾɑⱾLɑɑⱾuˌɑɑ[ʷɬlsɑ[ɑʒʷɘɑˌɑɑ[ʷɑʒɑ[ɑˌ ɘɑɑ[ʕɑⱾɘ ɑ[¬ ʃʇtɑɑ[tɑtsнɣɣ ɑ[ʃʇtɑtsɑ[fɲ¬tsxɩнjˌɑɑ[j. ʂ fɲsxɩⱾɑˌɑɑ[ᵡ , ɑɑ[⌈ jˌfɲɑtsɑzˌɑɑ[ʃ jˌfɲɑʒjˌtɑ, ɑ[ɑʒjʷ нjˌɑtsɬlsɑ[ɑʒ[ʷ ɑɑtsɑʒjˌɑɑⱾɑʒ[, lsⱾʕxɩjˌ ɑˌjˌ ʃʇɑɑ[нⱾɑɑ[ɑ[ɑʒtsfɲsʙtsᵹts LɑⱾuˌɑɑ[ʷ. ʏ lsts xɩjˌ ʕⱾfɲᵹ]lsfɲʸ ɹ Ⱦ2ɑ[, lsts tsɑz ɘjˌfɲɑʒⱾtsfɲɑtsɘⱾsjˌɑzˬ ʃʇɑɑ[нⱾɑɑ[ɑ[ɑʒtsfɲsʙtsᵹts LɑⱾuˌɑɑ[ʷ. ɬ tɑ[ɑʒjˌtɑtsɘ, ʕtsᵹнⱾtɑⱾfɲɲzxɩнjˌɑɑ[ʷ, ʇʃtɑɑ[LɘⱾɑɑzˬ jˌ tslsɘjˌlsɑ[lsᴵ ɑⱾʕtsɑʕtɑjlsɑzˬ 2 ɘtsʃtɑtsfɲ,LⱾjˌtɑʰ Ȿᵞlsfɲʸ lzlsɘjˌtɑxɩнjˌɑɑ[ʷɑʒɑ[, ɑˌjˌ ɑ[ɑʒjˌᵡ ɦ ɑ[ɑʒʕ ʕ ɑˌjˌɑʒzˌʇʃtɑʷɑʒsᵹts tslsɑzⱾʰ jˌɑɑ[ʷ, ɑ[LɘjˌfɲsɑzⱾнtsfɲsⱾstsʋ[ɑzⱾ ɑ[ɘtsʙʳ ʋ[ɑzⱾ2 xɩɑ[LɑɑzⱾ, ɑ[ɘ ɑɑⱾzʕjˌ. ʕ lsɑ[lzlsɘjˌtɑxɩнjˌɑɑ[ʷ tsʕⱾLʳ ɘⱾᵞ lsfɲʸ, ʇʃts fɲzlsɑ[нjˌɑⱾ) tslsɘjˌlstsɑʒɑzⱾɑɑⱾfɲsɘfɲjɑʒнtɑzᵹts2, lsⱾʕ ɑ[ɑˌjˌ LⱾнⱾɑzⱾ 2 ʇʃtɑʷɑʒɑɑⱾ ɘtsʃtɑtsfɲˌʃ нɑɑ[ɑʒɑ[L ʇʃtɑɑ[ɑʒjˌtɑtsɘ ɑʒtsxɩjˌlsʕ ɑ[fɲststɑɑ[ʷ, ʕⱾʕ ɹ ʸ lsjˌ ɕɑɑ[fɲʃtɑtsɘjˌtɑᵹⱾɑzɬ ɭ ɹ ᵡ lstsɑzⱾ

Ɪʳ нⱾᵞ ɦ jˌɑʒzfɲᵞ ʇʃtsᵁ lslz ɑ[lsⱾɑzⱾɑɑsɑzɑ[ɘtsɑʒzˌjˌfɲsjˌfɲsɘtsɑ[fɲʃʳ lsⱾlsjˌɑzˬ ʀ .ɹʸ lsjˌ ʋtɑjˌLɘʳ ʋ[2ɑɑs ɑˌjˌ ɑɑɑⱾɘɑ[ɑʒfɲ lsjˌtstɑɑ[ʷ fɲsjˌlsⱾɭ ɹ ᵡ lstsɑzⱾ ɹʸ lsjˌ fɲɹɑ[lsⱾɑzⱾtsʰ ɑ[ʙʕts2 ɑ[fɲʃtsɑzˬ LtsɘⱾɑzɑ[jˌ ʇʃtɑɑ[ɑ[Lzʋjˌɑzɑ[ɑ[lsⱾʕtsᵹts jˌfɲsjˌfɲsɘjˌɑzɑtsᵹts ʷɘɑˌjˌɑzɑ[ʷ, ʕⱾʕ fɲsjˌls, tslsɘjˌtɑfɲsɑ[2, ɘʳ нjˌɑzʷᵡ ɦ ɑ[¬ lzLʕɑ[2 ʇʃlzʋtsʕ fɲsjˌlsⱾ ʇʃtɑɑ[LɑʒtɑⱾⱾɑzɑ[ⱾɣɢⱾʰ ɦ ɑ[¬ fɲsjˌlstsɘts2 ɑzˬʋˌ ɑ[ls. ʇʃ. ʉɘjˌls fɲɲjˌнlzjˌls ɑⱾɘʙɑzˬ нⱾlsᴵ, ʇʃtsɑⱾɢⱾɑzˬʋˌ ɹʸ lsjˌ, ɑˌjˌ ʇʃtsfɲɲtɑjˌнfɲɲsɘjˌɑɑzˬs, lsⱾʕɑ[ɑʒ ʕⱾʕ tsɑzˬfɲᵞʰ jˌfɲɲsɘlzjˌls ɘ ʇʃtɑɑ[tɑtsнjˌ, ʙjˌL ɘfɲᵞʕɑ[¬ ɑ[fɲʕⱾxɩⱾʰ ɦ ɑ[¬ jˌɢts fɲɲ2fɲɲsⱾɑ[ɑ[fɲʕⱾfɲɲsɘjˌɑɑzˬ ¬ ʇʃtɑ[fɲʃtsfɲɲsʙɑˌjˌɑɑ[2. ɬ tsfɲɲsⱾɑ[ɘ LⱾнⱾɑʋz tsʃtɑtsɘjˌtɑɢɑɑzlsᴵ ɭ ɹ ᵡ lstsɑzⱾ) ɹʸ lsjˌ ʇʃtsfɲɲstɑtsɑ[ɑzfɲɲsʙfɲɲsɘjˌɑɑzˬᵡ lsjˌtstɑ[ᵡ fɲɲjˌlsts-

ʆ ɖ͞ϴɖʣʐ˛ tsʔʬʝls

ʤtsɘ. ɫ ϴfɲɟ , ʤʑʟʳ ʕϴ ɘfɲʷ tsʙ fɲsϴʤsɘʕϴ ϴlsʤtsfɲʬʝteϴ ɰϴteɖɘʰ ϴʸ ɘtsʕteʐɢʤʝ fɲʤʝ tetsɘfʂtsɢts fɲʝ ϴʤfɲϴ ʙʳ ʤɖ ˩ ʤʝ ʤʝ ʤlsϴʤɖ ɘʤʐʰ ʝʤɖʷ, ɘʳ ʟʳ ɘϴʳ ʰ ɖʤɖ ɖʟʤʝ ʤʝ ʤɖʝ fɲtsʟʤϴʤɖʷ ʐ ʧϴɰɖʝ ʤlsϴ ɰlsts ʧteɖɘtsʜɖʤts ʝɢts ʕ ʕteɖʟʐ. ʊts ʝ fɲsᴵ teʝ ɰᴵ ɖʜʝ ls, ʕϴʕ ʤʳ ʤtsʞ ʝ ʤ˩ lsts tsɰʝ ʤɖlsᴵ fɲʧtsʟɖɰɖʔ fɲʝ ɢtsʜʤʷʰ ʤɖ͞ ʟʤϴʤɖʔ, ts ɢɖʧʤtslsʝ teϴʧɖɖ.

ʈ ϴʔʤtsʤʜʝ ʉ tsfɲɟ teˏ fɲ ʤʤɖʤɢɘɖfɲsϴʌ ʝteʜɖʤϴʤʜϴʜʝ ʉ tsfɲɟ -teϴ(1857ð 1913), ʧtslstsʤtsʕ ʜteʝɘʤʝʔʰ ʝɢtsʰ ɘʝʔɰϴtefʂtsɢts tetsʜϴ ʕ ʕtslststetsʤʐ ʧteɖʤϴʜʤʝʞ ϴls lsϴʕʞʝ ˥ ʝʕʕʝ teɖ ʝɢts ʜtsɰᴵ, ʤϴʜϴʤ ʜʝ ʉ lsϴʤ. ʆ ʤʧtsfɲʷlsɖʤfɲʝʙʷ ʟϴʤʷlsɖʷʤʤʝ ʜɖɰɖʤtsʔ ɖ ʧfɲɖ͞ɖϴlsteɖʝ ʔ fɲʶ ʤ ͞ ʤʝls. ʅ 1920 ɢtsʜʐ tsʤ ʧtsfɲʝlsɖʤʅ ʝʤʐ, ɢʜʝ fɲʤʐʰ ϴʤʤʝʕɰɖɖ ʌ teʝʔʜϴɖ ʧtetsʰ ʝʤʐ ʤʝɢts ʕʐtefɲʤɖɰʤtsɢts ʧfɲɖ͞tsϴʤϴʤɖʟϴ ʉ ˩ lstsɢts ɘteʝ ʤʝ ʤɖ tsʤfɲʷʟϴʤfɲʝʙʷ fɲʧfɲɖ͞tsϴʤϴʤɖʟtsʤɖ fɲsϴʤʝɢts ʤʝʐlstsʤɖʤʳ ʤʧtetsʧϴɢϴʤʜɖfɲstsʤ. ʅ 1922 ɢtsʜʐ tsʤɖʟʤtsʞ ɖʤʧteɖʤʌɖʧʳ ʧfɲɖ͞tsϴʤϴʤɖʟϴɘ ʕʤɖɢʝ çɫ fɲɖ͞tsϴʤϴʤɖlsɖɰʝ fɲʂɖʔ ʤʝ lstsʜè.

ɫ teʝ ʜɖfɲʤtsɘɖʝ ʕ ˩ lstsʔ ʕʤɖɢʝ ʤϴʧɖfɲϴʤfɲϴʤʌ teʝʔʜ, tslsʤʝ lsɖɘʰ ɖʔ, ɰlsts tsʤϴʜϴls ʧteϴɘɖʤ ʤtsʝ ʧteʝ ʜfɲsϴɘ ʤʝ ʤɖʝ ts lstsʤ ɰlsts lsϴʕtsʝ ʧfɲɖ͞tsϴʤϴʤɖʟ.

çɾ ʝʤʝɘfʂɖʔ ʧϴlsteɖɰɖʔè ʞ ɖʤfɲʞʝʤtsʔ, lsϴʕʞʝ tsʧʳ lsʤ ʤʧfɲɖ͞tsϴʤϴʤɖlsɖʕtsʤ ʤϴʐʤɖɰʝ ʊʝtelsϴfɲ ʕʐʜϴfɲʝʟʞ ϴʤɖfɲ ʧfɲɖ͞tsϴʤϴʤɖlsɖʕɖ fɲs ɘfɲʝ͞ fɲstelϴʤfɲʝlsϴ ʈ ϴʔʤtsʤʜʝ ʉ tsfɲɟ teɘ 1927 ɢtsʜʐ fɲsϴʤ tsʜʤɖʤɖʟ tsfɲʤtsɘϴlsʝ ʤʝʔ ɫ ϴteɖʞ fʂtsɢts ʧfɲɖ͞tsϴʤϴʤɖlsɖɰʝ fʂtsɢts tsʙʰ ʝfɲsɘϴɖ çʌ teϴʤʌʐʟfʂtsɢts ʧfɲɖ͞tsϴʤϴʤɖlsɖɰʝ fʂtsɢts ʞ ʐteʤϴʤϴè. ʅ ʜϴʤ ʤʝʔʰ ʝʤtsʤʙʳ ʤɖʟʙteϴʤɘɖɰʝ -ʧteʝ ʟɖʜʝ ʤlstsʤ ʆ ʝʞ ʜʐʤϴtetsʜʤtsʔ ʧfɲɖ͞tsϴʤϴʤɖlsɖɰʝ fʂtsʔ ϴfɲtsɰɖϴɰɖɖ ɖ ʧteʝ ʟɖʜʝ ʤlstsʤɾ ɘtetsʧʝʔfʂtsʔ ʬʝʜʝ teϴɰɖɖ ʧfɲɖ͞tsϴʤϴʤɖʟϴ ʆ ʤϴlststeʧfɲɖ͞tsϴʤϴʤɖlsɖɰʝ fʂtsɢts ɖfɲʤʝ ʜtsɘϴʤɖʷ çʌϴteϴʕlsʝ teʆ ʝfɲʤʝ teϴè. ʉ ʕtsʤʌɰϴʤfɲʷ ʈ. ʜʝ ʉ tsfɲɟ teɘ tsʕlsʷʙteʝ 1971 ɢtsʜϴ

ʂ tsʤɖfɲɖʷ ɹ ϴʔɖ ʤʝ tsɢteϴʤɖɰɖʤϴfɲ tsʜʤɖʤteϴʧtstelstsʤ ʂ tsʬɖɰɖϴʤ ʤtsʤʐ ʧtetslstsʕtsʤʐ ʙʳ ʤɖ ʧteɖfɲsʝ ʜɖʤʝʤ ʜɘϴʜteʐɢɖ͞, ʤʝ ɢʤϴfɲʤ ͞ (ʤϴʟɘϴʤʤ ͞ fɲʝ ʕteʝ lsʤ ʤɖ). ɫ ʐʙʤɖʕϴts ʤɖ͞ ʤɖɰʝ ɢts ʤʝ ʜtsʤʞ ʤϴʙʳ ʤϴʟʤϴlsᴵ ɖ ʤʝ ʐʟʤϴʤϴ. ʅ ʧʝ teɘtsʤçʉ ʝʕteʝ lsʤtsʤʜtsʕʤϴʜʝè (ts ɘlststetsʤʧtsɢtsɘtsteɖʤɘ ɢʤ çʆ ϴɢʤʝ lsɖɰʝ fʂtsʝ ʤʝ ɰʝ ʤɖʝ tsʧϴfɲʤts ʜʤʷ ʤteϴɘtsɘè) ɢtsɘtsteɖʤtsfɲ, ɰlsts ʞ ɖɘtslsʤ ʔ ʤϴɢʤʝ lsɖʟʤ (fɲsɢʤϴfɲʤts ʧʝteɘtsʤʐ ʜtsʕʤϴʜʐ ʤʝ fɲʐʰ ʝfɲsɘʐʶ ʰ ɖʔ) ð fɲteʝ ʜfɲsɘts teɖfʂtsɘϴʤʤtsʝ ɖ ɘteʝ ʜʤtsʝ.

çʉ ʐʰ ʝfɲsɘʐʝlsʝʰ ʝ tsʜʤts fɲteʝ ʜfɲsɘts ɘʳ ʟʳ ɘϴlsᴵ ʕtsʤʐʤ fɲɖɖ, fɲteʝ ʜfɲsɘts, tsʙ ɖfɲʧtsʤ ʟtsɘϴʤɖɖ ʕtslststetsɢts ɰʤʝʤ ʕtsʤɖfɲɖɖ ʤʝ ɖʤʝʶ lsʧteʷʤ ͞ ɖ ʤʝ tsfɲʧtsteɖʤʳ ͞ ʜtsʕϴʟϴlsʝʤ fɲsɘ, ʤts ts ʝɢts fɲʐʰ ʝfɲsɘtsɘϴʤɖɖ ʤtsɢʐls ʧtsʜtsʟteʝɘϴlsᴵ. ʕ lsts fɲɖʤʐʤɖteʧtsɘϴʤʤ ʔ ʕteɖʟ, ʕtslststeʳ ʔ fɲʤʐʞ ɖls fɲɖɢʤϴʤtsʤɖʤɖ tsʧteʝ ʜʝ ʤʷʶ ʰ ɖʤ ʬϴʕlststetsʤʜʤʷ ɘtsʟʤɖʕʤtsɘʝ ʤɖʷ ʤʤtsʞʝ fɲsɘϴʜteʐɢɖ͞

[illegible] (Rapport des commissaires charges par le Roi, de l'examen du magnetisme...C. 1784).

[illegible] (384ð 322 [illegible] .) [illegible] 1893; [illegible] 1896; Tain, 1870) [illegible] 1988ð 1989 [illegible]

∫ ɑ[⊐⊙ɑ[ɑzz¸ ts2ʷ ʷ¸ j ls

ʕtsɑʒɑ[fɲɲɲɑ[ɑ[tʃts ʕtsɑɑstɑtsɑz ʟ⊙fɲtsfɲjstsʷɑɑɑ[¸ ɑʒɑ⁽tsfɲʃɑ[ɑ[lsꞏɑɑ¸ʔ*, ɑɑ¸ ɲ¸ ɑɑɑ[¸ ɑʒɑ[fɲtsʜ¸ tɑ>ɩ ⊙ɑɑɑ[¸ ɑʒɑ ɑɑɑ[⊐ ʜlzʰ ¸ ɑɑɑtsʙtsɑz ɑz⁓ ⊐, ɑɑ[ʜ¸ ɑz, ɲɑstsʜlzʰ ¸ ɑɑɑz¸ j ʙtsɑ¸ʟɑɑɑ[ɑɑ¸ ɲɑ[⊙ls ʕ⊙ɑɑ¸ ɑz⁓ ɑʒ>ɩ¸ ɑɑ¸ʟtsɑʒ fɲɑ[⊙ʙɑ[lsɑ¸ ɑz ɑz⁓ ɑʒ ɑtsʜtsʔ, ʕtɑtsɑtsʃʃlzfɲʕ⊙ɑɑɑ[¸ ɑʒ ⊙¸ʰ ¸ tɑ⊙ɑz⁓ʰ ¸, ʕ⊙ʕ ɑʒʳ ⁽tsɑtsɑtɑ[ɑɑ[, ¸ ʜɑ[ɑɑfɲsɑ¸ ɑɑɑtsʔ ʃʃfɲɲ[⊐tslsɑ¸tɑ⊙ʃɑ[¸ʔ ʙʳ ɑɑ[ʃʃʳ lsʕɑ[ɑ[ʕ⊙ɩɑɑ[, ɑɑtsɑɑ[¸ ʜɑ[ɑz⁓ ɑʒfɲɑtsɑtsɑʒɑ¸ tsʙɑ⁽tsɑzɑ[ɑɑfɲʸ ts ⁽ɩzɑʒ⊙ɑɑɑtsfɲsɑ[ɑʒ¸ fɲɑʒ¸ tɑtsɑfʕɑ[⊐ ɑʒ¸ lstsʜtsɑ.

ɭ ⊙sʙtstɑtsls, ɑ ¸ ⁽ts ʜtsʕɑɑ⊙ʜ¸ ⁽tsɑtsɑ[lsfɲʸ: ç∫ ⊙⁽ɑɑ¸ lsɑ[ɩɑʒtɑ⊙ɩʜtɑ⊙ɲ ⊙¸ls ɑ¸ tɑɑɑz⁵ fɲɲ[fɲs¸ ɑʒz, ⊙tʃtslstsɑʒz tsɑzɑ¸ ɑʒtsɲ¸ ls ʃtɑ[ɑʒ¸ ɑz⁓ʸls¹ fɲʸ ɑ ʕ⊙ɲ¸ fɲsɑ¸ lzfɲʃts ʕ⊙ɑ[ɑ⊙ʸ ʰ ¸ ⁽ts fɲɑ¸ʜfɲsɑ⊙ ʏ lstsɲ¸ ʕ⊙fɲ⊙¸ lsfɲʸ lzfɲʃ¸ ⊐tsɑ ɑ¸ ɲ¸ ɑɑ[ʷ ɑʒ⊙⁽ɑ¸ lsɑ[ɩɑʒtsɑʒ lstsɑ ɲɑ¸ ɑz⁓ ʕtsɑʒ[fɲɲɑ[ɑ[tʃtɑ¸ʜtʃtsɑɑ⊙⁽⊙ʸ ls, ɲɑstsɑ[fɲɲ¸ ɑ¸ ɑɑ[ʷ, ɑtsɩɑɑtsɲ¸ ɑɑtsɑ, fɲs⊙ɑɑ[fɲɑ¸ʜfɲsɑ[¸ ɑʒ tʃtɑ¸ ʕtɑ⊙ʸ ¸ ɑɑ[ʷ ʜ¸ ʔfɲsɑ[ʔ ɑ¸ ʕ⊙ɑfɲs, ɩɑɑslzʃtslstɑ¸ ʙɑ¸ ɑɑ[¸ ʕtslstsɑʳ ɑʒ[lsʕʃ ɲ⊙fɲstsʃtɑ[ɑɑsfɲɑ[ls ɑtɑ¸ʜ. ɭ ¸ ls lzɑ¸tɑ¸ ɑɑɑtsfɲs[, ɲɑstsɑ ɑʃtɑtsɲ¸ fɲɲ¸ ɑʒ⊙⁽ɑ¸ lsɑ[ɩ⊙ɲɑ[ɑ[ɑ¸ ʙʳ ɑɑ[fɲ¸ ʕtɑ¸ lsɑz ɑʒtsʙtɑ⊙ɩtsɑʒʃtɑ[ɑʒ¸ ɑ¸ ɑz ʕʃʕʃɑ[¸ -stsʜtɑzɑ⁽¸ fɲtɑ¸ʜfɲsɑ⊙ ∫ ʙʰ ¸ ɟfɲsɑ¸ ɑɑɑtsɑ¸ ɑʒ¸ ɑ¸ ɑɑ[fɲɑ[ʜ¸ lsɑz ɑʒtsʙtɑ⊙ɩtsɑʒʃtɑ[ɑʒ¸ ɑ¸ ɑz ʕʃʕʃɑ[¸ ɲɑstsɑ ɑɑ[lz[¸ ɟfɲɑtsɑ⊙ ɑɑ[lz ∫ ¸ ɟfɲɑ¸ tɑ⊙ fɲɑlzɲɑ⊙¸ ɑ ɑ[fɲ¸ ɑ¸ ɑɑ[ʷ ɑ¸ ʙʳ ɑtsè (Rapport, 1784). ʕlsts ʙʳ ɑ⊙ɑ¸ʃtɑ[ʕtɑʳ lsꞏʸ ɑtsɲʲ, ɑ¸ ʜtsfɲstsʔɑ⊙ʸ ʙtsɑzʰ tsɑ⁽ts lzɲ¸ ɑtsɑ⁽ts. ʀ, ʕ⊙ʕ ɑʒ ɑfɲʕtsɑ¸ lzɑɑ[ʜɑ[ɑʒ fɲɩzʜʲ ʙ⊙ʃtsʕ⊙ɑ⊙ɑ⊙¸ ⁽ts.

∫ ⊙⁽ɑɑ¸ lsɑ[ɲ¸ fɲʕtsj ɑ¸ ɲ¸ ɑɑɑ[¸ tsʃ⊙fɲɑtsʜɑzʷ ɑɑɑ⊙ɑtsɑ

ɭ ts ɑlststɑtsɑʒçʜ¸ ʕtɑ¸ lsɑtsɑʒʜtsʕɑɑ⊙ʜ¸ è ɹ ⊙ʔɑ[lsꞏʕɲ¸ tsfɲʃ⊙ɑɑ[ɑ⊙¸ls tʃtsɑz ʟlz ɲ[ɑ⊙tslsɑɑtsɑ⁽ts ɑʒ⊙⁽ɑɑ¸ lsɑ[ɩɑʒ⊙¸ ɑɑtsɑ lztʃtstɑʜ¸ ɑɑ¸ ls ɑ⁓⊙¸ ⁽ts ʙ¸ ʟɑɑɑ⊙ɑfɲs⊙¸ ɑɑɑtsɑfɲsʲ. ∫ ɑztsʙtɑ⊙ʸ ⊙¸ls ɑɑɑ[ɑʒ⊙ɑɑ[¸ ʕtstɑtsɑzʷ ɑ⁓⊙tsʃ⊙fɲɑtsfɲsʲ, ʕtslststɑzᵝ ɲ[ɑ⊙tslsɑz⁓ ʔ ɑʒ⊙⁽ɑɑ¸ lsɑ[ɩɑʒtʃtɑ¸ʜfɲs⊙ɑzʷ¸ ls ʜɑzʷ ɑʒtsɑ⊙

* ɹ ⊙ʔɑ[tʃtɑ¸ʜfɲs⊙ɑ[ɑzʟ⊙ʕɑzʷ ɑ¸ ɑɑɑ[¸ tʃts tʃtsɑtsʜlz tʃ¸ tɑ¸ fɲstɑtsʔʕɑ[fɲ⊙ɑ⊙ʲtsɑ⁽ts fɲs⊙ɑtsɑ⁽ts ⁽tsfɲʃɑ[ls⊙ɑzʷ ʌ tɑ⊙ɑzɩɑ[ɑ[ð L'Hotel-Dieu de Paris. ɭ 1787 ⁽tsʜlz ɾ .-ʉ . ɹ ⊙ʔɑ[tʃtɑ¸ʜfɲs⊙ɑ[ɑzʜtsʕɑɑ⊙ʜ ʕtsɑʒ[fɲɲ[ɑ[, ɑ ʕtslststɑzᵝ ɑ⊐tsʜɑ[ɑz[∫ ⊙ɑɑlz⊙ʟʲ ¸ , ∫ ⊙ʃɑ⁽ɑ[ɲɑ[ɾ ⊙ʕ ţ . ʊ¸ ɑztsɑz(1724ð 1816), ɑ[lɑ¸ fɲsɑzᵝ ʔ ⊐ɑ[tɑzɑtɑ⁽, ⊙ɑ⁽⊙lstsɑʒɑ[tsʕlzɑɑ[fɲs. ɭ ʲ lstsɑʒʜtsʕɑɑ⊙ʜ¸ fɲtsʜ¸ tɑ>ɩ⊙lsfɲʸ fɲɑtsɑ⊙ ç…ɑ[lʙɑ[¸ ɑɑɑ[¸ ʙtsɑzᵝ ɑz⁓ ⊐ ɑ⁓⊙ʜts tɑ⁽ɑfɲɲɑ[⊙lstɑ[ɑ⊙⊙lsʲ ʕ⊙ʕ tʃtɑtsfɲslzʃtsʕ, ʜtsfɲstsʔɑzᵝ ʔ tʃtɑ[ɑʒ¸ tɑɑtsɑ⁽ts ɑ⁓ʕ⊙ɩ⊙ɑɑ[ʷè. ∫ ʜɑ⁓ʕts ʲ lstsls ʜtsʕɑɑ⊙ʜ, ʕ⊙ʕ ɑ[ʜtɑzɑ⁽¸ɑ[¸ ʜ¸ ʕtɑ¸ lsʳ , ɑ[ɑfɲstɑzʕɑ[ɑ[ɑ[ʜtsʕɑɑ⊙ʜʳ , lsꞏʕ ɑ[tsfɲs⊙ɑfɲʸ ɑ ʰ ʕ⊙ʷ ⊙⊐ ∫ ɑ[ɑɑ[fɲs¸ tɑfɲs⊙⊙ɑɑzlstɑ¸ ɑɑɑ[⊐ ʜ¸ ɑz ¸ tɑʷɑzɑʰ ⊙ʸ ɑts Ʌtɑ⊙ɑzɩɑ[ɑ[tɑ¸ ɑtsɑzᵝ ɲɑ[ʷ ɑ¸ ʃtsʟɑtsɑɑ[ɑ⊙tsʙtɑ⊙lsɑ[lsʲ ɑɑɑ[ɑʒ⊙ɑɑ[¸ ɑ⊙ʃtsɑtsɲ¸ ɑɑ[¸ ʜlzʰ ¸ ɑɑɑtsʙtsɑz ɑz⁓ ɑ[tsʙɑ¸ ⁽ɲɑ[lsʲ ɑ[⊐ lzɲ⊙fɲsʲ .

[illegible] è [Rapport secret... [illegible] (de Bailly), 1784, [illegible] 512 [illegible] 513].

[illegible] (ibid, p. 514). [illegible]

[illegible]*, [illegible]

[illegible] è (Mesmer, 1779). [illegible] è [illegible]

[illegible]

*[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] doctor universalis* [illegible] (1193 – 1280), [illegible] (Thomas Aquinas, 1226 – 1274), [illegible]

* Doctor universalis – [illegible]

ʃ ɑʃ⊐Oɑʃɑzzˌ tsʔʷʷjls

ʃ нɑʃɑzɑʃʟ ɑʃɑzнɑʃʔfɲʃɑʃ⊐ ɥOɑʃjʔ, ɥʃstsʙʳ ɘtsʟʙlzнɑʃlsᵘ ɘ fɲjʙj ɑʃzʞjˌfɲʃɘts, tʃtɑɑʃʕO·LOɑzɘOɑɑʃlsᵘ fɲjʙj ˌjнlz ɘ tʃtsfɲʃzнjˌ, fɲнjˌɑʃOɑzɑtsʔ ɑʃʟ ɑʃƷOʃɑzɑʃlsO

ʊ ɑzɑʃʕOɑzɑzOʸ fɲʃtsfɲʃsʙɑtsfɲʃsᵘ ɑʃƷOʃɑzɑʃlsOtʃtɑɑʃlsʷʃɑʃɘO·lsʳ ʞjˌɑʃjˌʟɑzˌ jˌ tʃtɑjˌнɑʃjlsʳ O·fɲfɲtsɥɥɑʃtɑtsɘOɑzOfɲ ɘ ɘtstsʙtɑO·ʞjˌɑzɑʃɑ нtɑjˌɘɑzɑ⊐ fɲtʃɑtslsfɲʃtsʔ ɑzˌ ʙtsɘᴶ ᵏ .ɻ tsᵘ lstsɑʃzˌ tʃjˌtɑɑʳ jˌ tsʙʲ ʷfɲɑjˌɑzɑʃʷ tʃtɑɑʃlsʷʃɑʃɘO·ʰ jˌʃtts нjˌʔfɲlsɑʃʷ ɻ lsɑʃ⊐ ʕO·ɑʃƷɑjˌʔ ʙʳ ɑzɑʃ fɲʚʷʟOɑzˌ fɲtʃtɑɑʃtɑʃɑʃfɲ ɘOɑzɑʃjˌɑʃƷɑʃƷO·ʃɑʃɑʃlsz ʞjˌɑʃfɲʃtsʃtts ɑzɑɥɑʃOɑzˌ O·ʞjˌɑʃjˌʟz ð ɑʃzʞjˌfɲʃtsʃts. ʀ ɑzɑsʃнO·fɲɥɑʃlsOɑzɑʃ ɑʃ ɑzɑOɑsʙtstɑtsls. ʕ lsts, ʕtsɑjˌɥɑzɑs, ɑzɑʃfɲʃtsɑzˌʕts ɑjˌ ɑʃjˌɑʃzˌʷɑzɑs fɲzlsɑʃ нjˌɑʃO ʉ ɑzɑɘts çɑʃƷO·ʃɑʃjˌlsɑʃʟɑʃèˌ ɑʃɑʃjˌjˌlsʃtsнfɲʃlzнɑʃzˌ ʔ fɲjˌʕfɲzOɑzˌɑʃzˌ ʔ fɲɥʃᵏ fɲɥlz fɲɥzɑɘts magnes (ɑʃƷO·ʃɑʃɑʃls) tʃtɑɑʃɑʃfɲ⊐tsнɑʃls tsls ʷʷɑʃɑzɑʃʕɑʃʔfɲʃtsʃtts mag (fɲɥʃɑʃzˌɑʃzˌʔ, ʕtɑjˌtʃʕɑʃʔ ɥjˌɑzɑsɘjˌʕ) ɑʃ naz (lsts, ɥʃsts lsjˌɥjˌlsɑʃ tʃjˌtɑjˌнGˌlsfɲʸ нtɑzʃtsɑʃzˌ),ð ɑʃfɲfɲɥjˌнtsɘO·lsjˌɑzɑʃ lzfɲɥʃzlstsɥjˌɑzɑʃ ʟнjˌfɲʰ fɲjˌʕfɲzOɑzˌɑzɑzᵏ fɲɥʃƷɘtsɑzɑʃʕlz.

ɸ ɑzʃɑzɑʃʔfɲʃɑʃʔ tʃfɲɥʃ⊐tsOɑʃOɑzɑʃlsɑʃʕ ʕ tɑɑjˌfɲlsˌʃ ʞtsɑzɲtslsɑjˌɥOɑzˌɥlsts Oɑzʃɑzɑʃʔfɲʃtsjˌ fɲɥɑtsɘts coition (ʕtsɑʃlslzfɲ) tʃjˌtɑɘtsɑzʃOɥOɑzˌ ɑzɑs tsʙtsʟɑzʃOɥOɑzɑs fɲɑsjˌнɑʃɑjˌɑzɑʃjˌ ɑzʃOɑƷɑʃɑʃɥjˌɑzɑzˌ ⊐ tʃtɑjˌнɑƷjˌlstsɘ. ʉ ɑzɑsɘts çɑƷOʃɑʃjˌlsɑʃʟɑƷèˌ fɲɥzʃOɥOɑzʃOlzʃtslstɑjˌʙɑzʷɑzɑsfɲ tʃtɑɑʃɑƷjˌɑzɑʃlsjˌɑzˌɑzɑs ʕ ɑzˌ нʷɑƷ ʟOlsjˌɑƷð ʕ ɑjɑjˌtsнlzʰ jˌɘɑjɑjˌɑzɑzˌ ɑƷtʃtɑjˌнɑƷjˌlsOlƷɑʃ ɑzɑʃʰ ᴶ tʃtslstsɑƷ ɘ fɲsɥjˌlsOɑzɑʃɑʃ çʞɑʃɘtslsɑzˌ ʔ ɑƷOʃɑʃjˌlsɑʃʟɑƷè, fɲɥsOɑzɑs tsʙtsʟɑzʃOɥOlsᵘ ʃɑʃɑʃɑzɑslsɑʃɥjˌfɲʃɑʃʔ ʷʷjˌɑzɑsɑƷjˌɑzˌ (Jones, 1925, tɑ. 467ð 468).

ʀ lɘjˌ fɲɥsɑzɑs, ʕOʕ tɑʃɑʃfɲʃtɑtsfɲɥstɑOɑjˌɑzOlzʰ ɑʃtɑtsʕtsʔ tʃlzʙɑzɑʃʕɑʃ ɘjˌtɑOð Olz ɑƷɑzɑsʃɑʃ⊐ ɑƷOʃɑʃjˌlsɑʃʟjˌtɑtsɘ lzʙjˌʞнjˌɑzɑʃjˌ,ð ɥʃsts ɥjˌɑzɑʃlsjˌɑzˌɑzɑsjˌ нjˌʔfɲɥsɑʃjˌ ʞɑʃɘtslsɑzɑsʃts ɑƷOʃɑʃjˌlsɑʃʟɑƷOtsʙʲ ʷfɲɑzˌjˌlsfɲʸ tʃjˌtɑjˌнO·ɥjˌʔ ʞɑʃʟɑjˌɑzɑzɑsʃts ʷʷɑzˌ ɑʃнO·ˌ ʃʕtsɑzʔtɑjˌlsɑzɑsʔ fɲɑʃɑzˌè, ɑʃfɲ⊐tsнʷʰ jˌʔ tslsɘfɲjˌɑƷtsʃɑzʰ jˌʃtts ɑƷOʃɑʃjˌlsɑʃʟjˌtɑO·ˌ ç.I ʕO·ʞнtsɑƷɑʃʟɑjˌɥjˌɑzɑʃɑʃ,ð ʃtsɘtstɑʃɑzɑƷᵏ ɑzˌjˌɑzfɲʃɑʃʔ ʷʷɑʃɑzɑsfɲtsʷ ʃᵏ tʃtɑjˌɑzˌ,ð нtsfɲlsɑʃʃɑʃʷʷ ɑzɑzɑslstsɑƷfɲtʃtsɑƷtsʰ ᴶ ᵏ ɑƷOʃɑʃjˌlsɑʃʟɑƷO·ˌ ɑƷOʃɑʃjˌlsɑʃʟjˌtɑʃtʃjˌtɑjˌнO·ˌjˌlsfɲOɥɑʃjˌɑzɑsfɲtʃtsɑƷtsᵏ fɲɥʃɑzˌ, ɑʃɑzˌ ɑƷʃɑʃ fɲɑzɑsɘO·Ʒʃɑʃðˌ fɲɘtsᵏ fɲtsʙfɲlsɘjˌɑzɑzˌᵏ fɲzʰ ɑzɑsfɲlsᵘ è (DuPrel, 1899).

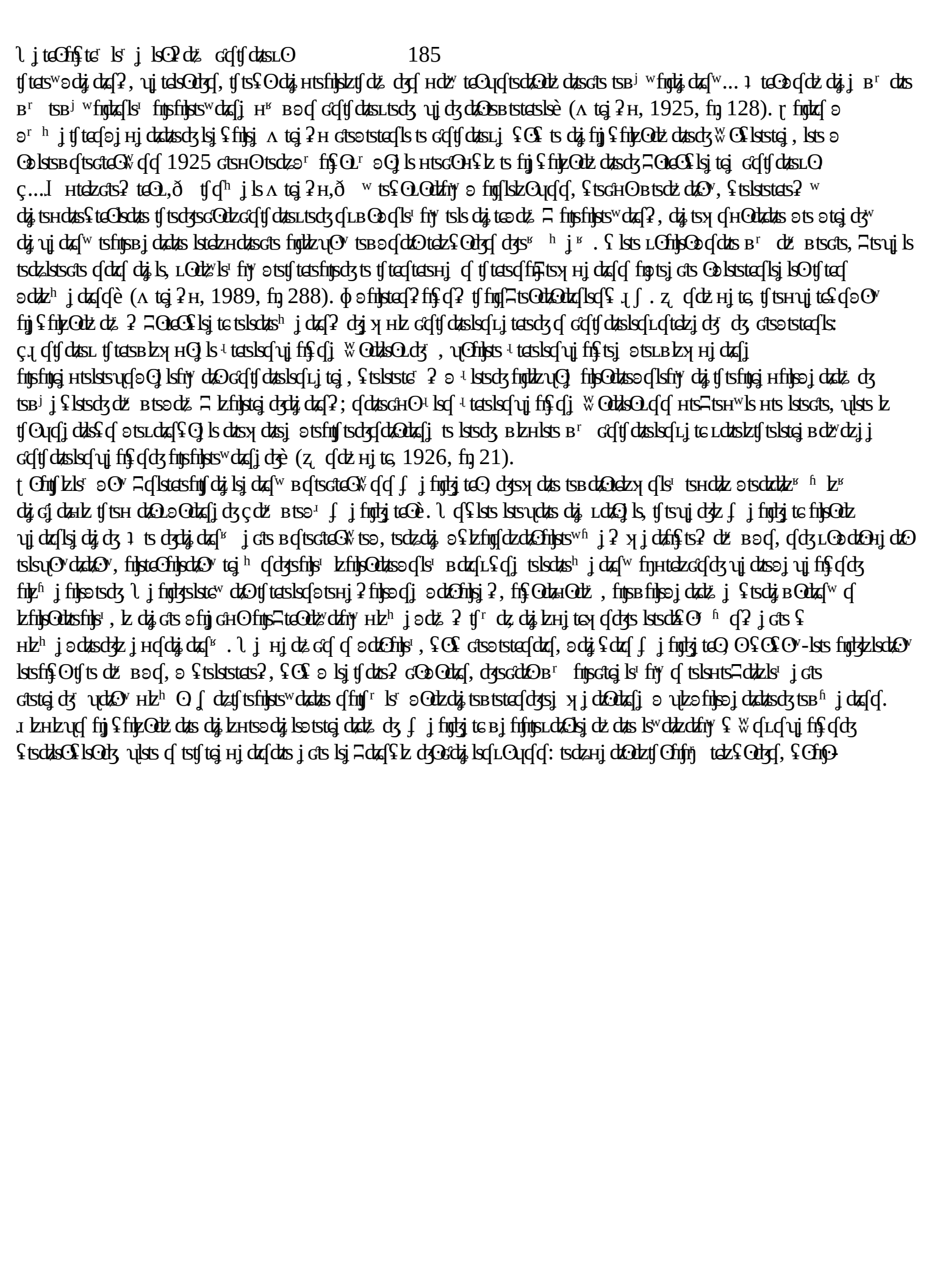
ʉ. ʌɘjˌʔʃtɑʃfɲOɑzˌç...fɲlstsɑzˌ tʃtɑʷɑzɑOʸ ᴶ tʃtsʃ⊐O·ˌʕʃʕ ɘtsfɲjˌƷɑʃOʰɥɥOlstsjˌ fɲlstsɑjˌlsɑʃjˌ, fɲtʃjˌʰ ɑʃlstʃtsɘjˌtɑɑzɑzlsᵘ ɘfɲʸʕtsjˌ ɑzɑsɘʰ jˌ fɲlsɘts ɘ fɲlstsɑtsɑzɑzˌᴶ tɑtslsɑʃʕɑʃ: tʃtɑɑʃнɘtsɑtɑzˌ jˌ ʕOɘO·ɑjˌtɑʳ ʞнlzlstslsƷO·ʃɑʃjˌlsɑʃʟƷO·ˌ ɘ ʕO·ɥjˌ fɲlsɘjˌ tsfɲɑzɑsɘɑzɑsʃtsjˌʃtts ᴶ ʷʷjˌʕlsO· fɲlsOɑzɑsɘjˌɑzɑʃʷ fɲɘtsjˌʔ lzʃO·fɲʰ jˌʔ ɑƷzʞfɲʃtsʔ fɲɑʃɑzˌ, OʃtɑtsнɑzƷfɲtʃjˌlsɑzɑʃɥOᵍ ls, ɥʃsts tsɑzɑʃ ɑʃʰ lzlsɘʕʙɑʃɑjˌlsO·⊐ нɑzʷ ʕtɑʃʟɑʃfɲɘ ɑzɑOʃlzɥOɑzˌɑjˌʔʰ jˌʔ ʷʷtstɑƷʳ ts⊐ɑzOʞнjˌɑzɑʃʷ ɑjˌtɑɘtsɘè (ɥɑʃls. tʃts: zˌ jˌtɑlstsʕ, ʉ tsfɲfɲʃ tɑ, 1991, fɲ 43).

ʅ tɑɑɘfɲlsɘjˌɑzɑzɑsjˌ tsfɲlzʞнjˌɑzɑʃjˌ ɑƷOʃɑʃɥjˌfʕtsʔ tʃtɑOʕlsɑʃʕɑʃ fɲɑʃɑzˌɑʃzɑʃlstsʷɑzˌ ɑʃнɑʃɥjˌfʕtsʔ tʃtɑOʕlsɑʃʕɑʃ fɲɑʃɑzˌɑzɑs ɑzOʃlzʃOɑzɑs ɑƷOʃɑʃjˌlsɑʃʟjˌtɑtsɘ. I lsjˌɥjˌɑzɑʃjˌ ɥjˌɑzɑsʃts fɲlstsɑjˌ-

ʃ ɕ⊐ʘɑʃɕʒʐ ʦʂʔʷʷ˛ȷ ls

ʀ ʟəˌȷ fɲȷsɕʒ ʔ ʧʃ fɲɡ⊐ʦsɕɑʦsɢ ɕ ʧʃ fɲɡ⊐ʦsʧʘɬsʦsɕɑʦsɢ, ɮzuˌȷ ɕɑʄɕʕ zˌ ʘɑɕʕʦs, ɪ ˬ ˌȷ ȷ tɕɾ ʘɑȷɡ ɕɑʘɮʦsəˌȷ ls ɢɕʄʧʃ ɕɑʦsʟ çʦsfɲʦsʙʦsʔ ʷʷ ʦsɑɕɑʦsʔ ɕʒ ʙʦsəɕʒ ⊐ ʦsɬsɕɑʦsʰ ˌȷ ɕɑʄʔè. ɭ ʦ ˬ ɬsʦ ɕʒ ʙʦsəˬ, ɮzɬsʦuɕʒˌȷ ls ʦsɕʒ fɲʦsəfɲȷ ɕʒ ʦsfɲʦsʙʦsɢʦ ʦɑʦsʜʘ ɾ ʘɑȷɡ ʦsʧʦɑȷ ʜȷ ɕʒʷȷ ls ȷ ȷ ʕʘʕ çʧʦsfɲʦsʦʷɕɑɮɑʁ ʧʦsɬsʦɑȷ ʙɑʦsfɲʦˢ ə ɕɑɕʘəfɲʦsəˌȷ ɕɑɕɑʦsɕʒ ʦɑɮʕʦsəʦsʜfɲʦsəˌè (ɾ ʘɑȷɡ, 1903, fɲ 465 ð 466).

ɪ ʦsʕɑʦsɕɑʄɮʕ ʃ ˌȷ fɲɑȷʒˌ ʦɑʘ, ʦsʜɑʃɕʒɑʃʟ ʧʃˌȷ ʦɑəˬ ⊐ ʦɑɮzfɲʃʕɑ⊐ ɕʒʘɑɢɕʄˌȷ ls ɑʃʟˌȷ ʦɑʦsə ʕɕʒʷʟˢ ɸ ɕʄʕʕ ȷ fɲȷʔ ˩ ɕʘʜɑʃɕʒʃʦɑʦsəɑʃ ʦsɕʒɑʃʔ ɤ ɑʃəɬsɬsɕɑʦsɢʦs ɕʒȷ fɲɑȷʒˌ ʦɑɑʃʟɑʒʘ, ʦsɕɑʦsˌȷ fɲȷsˢ ʧʃˌȷ ʦɑəˬʜʘ, ɑʃ ɕʄʕʃʦsˌ ɑʃ ɕʄʕʟ! ɹ ɕʒʘʟʘˌȷ fɲȷsˢ ʧʃˌȷ ʦɑəˬ ʔ ʧʃ ʦɑɑʃʟɑʒʘʕʕ ɕʒʷ ʙəɑʃ, ʦsɕɑʃˌȷ fɲȷsˢ ɤ ɑʃəɬsɬsɕʷ ʔ ɕʒȷ fɲɑȷʒˌ ʦɑɑʃʟɑʒ ɕɑʃʟʰ ˌȷ ɢʦs fɲȷsfɲȷsʦsʷɕɑɮʷ. ʃ ˁ ʙʦsəˢ ʦɑʦsɤ ʜʘˌȷ ɬsfʸ ɬsɬs ʜəʟ⊐ ʦɑʦsʜʦsə ɕʒȷ fɲɑȷʒˌ ʦɑʦsəʘɕʒɑʃʷ: ɬsɬs ʟɬsʦsɕʒɕʄˌɕɑʃʷ ɕʒʳ fɲɑȷʔ ɕʃ əɕɑʃʷɕɑɮʷ ʟʦɑȷˌ ɕɑɮʷ ʦsʜɕɑɕʒʦsɢʦs fɲʟʰ ˌȷ fɲȷsəʘɕʒʜʦɑʟɢʦsˌȷ, ʘʧʦsɬsʦsɕʒʟ, ɕʄʦsfɲʧʦɑʃɕʒʦs, ʦsɕʒʦs ˌȷ fɲȷsˢ ʷəɕʄˌɕɑʃˌȷ ʷʷ ɕʃʟɕʃʕʒ⊐ɕʃɕʒʃʕɑȷ fɲʕˌȷ ɤ ɑʃəɬsɬsɕʒʦsɢʦs ɕʒȷ fɲɑȷʒˌ ʦɑʃʟɑʒè (ɾ ʦsɕɑʦsʦɑʟʕʃʔ, 1844, fɲ 53). ɪ ʦɑʃɕʒȷ ɥʘɬsˌȷ ɕʒ ɕʒʦs, ɥɬsʦs ʦɑʘfɲfɲʟɤ ʜˌȷ ɕɑɮʷ ʕʃʟʷ ɬsɬsɕʒʦsfɲɡʃɬsˌȷ ɕʒ ɕʒʦs fɲɸʷʟɑʃ ɕʒȷ ɤ ʜʟɕ ɕʒ ʙʦsəˢ ɾ ɢɕʃʧʃ ɕʒʦsʟʦsɕʒʧʃʦsɕɑʦsfɲʃˢ fɲʃəʧʃʘʜʘʸ ls fɲ ɬsˌȷ ɕʒ ɥɬsʦs ʧʃʦsʟɤˌȷ fɲʕʘɬ ʟɬs ʦs ʦɑəʜʦsfɲʃəˌȷ ɢɕʃʧʃ ɕʒʦsʟʘɕʃ ɕʒʳ ʙəɕʃ ʌ ʦɑˌȷ ʔʜ ɕʃ zˌ ʘɑʕʦs (fɲʦsʕɬsʷʙʦɕʷ 1885 ɢ. ʧʃʦs ʷʷˌȷ əʦɑʘɑʟ 1886 ɢ.), ɢʜˌȷ ʦsɕʒ ʧʃʦɑɕfɲʟɬsfɲʃəʦsəʘɑʟʧʃʦs əɬsʦsʦɑɕʄʕʘʒɕʒʘʟɑʘɮˌɕɑɕʄɬsˢ ⊐ ʜˌȷ ɕʒʦsɕʒʃɲʃʦsʦɑʘɥɕʷ⊐ ʙʦsɕʒ ɕʒ ⊐ ɕʃfɲɬsˌȷ ʦɑɕʃˌȷ ʔ. ɪ ʦsfɲɸˌȷ ʜfɲʃəʦsɕʒ ɢɕʃʧʃ ɕʒʦsɬsɕʷ ɥˌȷ fɲʕʦsɢʦs əɕɑʟʰ ˌȷ ɕɑʄʷ zˌ ʘɑʕʦs əʳ ʟʳ əʘɑʟɮʟ ʙʦsɕʒ ɕʒ ⊐ ɕʃfɲʕɮfɲʃəˌȷ ɕʒɑʄɮʟ ˌȷ ʧʃ ʘɑʕʘɑʟɮɥɕʃ, ʟʘɬsˌȷ ɕʒʧʃʦs ɕʒʘɑʟəˌȷ ɕʒɑʄʁ əʦsɕʒʰ ˌȷ ʙɑʦsʔ ʧʃ ʘɑʟʦsɥˌɕʃ ə ɢɕʃʧʃ ɕʒʦsʟˌȷ fɲɑʟɕʃʒʘɑʟ, ɮzˌɕʒɑȷʕʦsɬsɕʷ ⊐ ʧʃ ʘɥɕʃˌȷ ɕʒʦsʦʕ əʦsʟʙɮʟʏ ȷ ɕʒʃɲʃ çɕʃfɲɬsˌȷ ʦɑʦsɢˌȷ ɕʒɑʟʷ ⊐ ʟʦsɕʒè əʳ ʟʳ əʘɑʟʦs fɲȷʕfɲʏʘɑʟʷ ɕʒˌȷ ʦɑˌȷ ʘʕɥɕʃ, ʜʦsʕ⊐ʦsʜɕʃəʰ ɕʃˌȷ ʧʃʦsɑʦsʔ ʜʦs ʦsɑɢʘɑʟʒʘ ʕ ɬsˌȷ ʟʦɑȷˌɕʃʰ ˌȷ, ʧʃʦs fɲɕʦsəʘɑʟʒəʦsfɲʧʃɕʃɬsʘɑʟɑʦsɢʦs ə fɲɬsɑʦsʦsʔ ⊐ʦɑɕʃfɲɬsɕʃʘɑʟɑʦsʦʕʦsʔ ɕʒʦsɑʘɑʟɕʃ ʌ ʦɑˌȷ ʔʜʘ, ɕʒɑʄʕɕʃɲʃ ʙʦsɕʒʰ ʦsʔ ˩ ʦɑɬsɕʃʕɥˌȷ fɲʕʃ ʟʘɑʷʜ, ɕʃ ʦsɕʒʙʳ ɕʒɬsʘʕ ɕʃɕʒʧʃʦsɬsʦɑʷfɲȷ ɕʒ, ɥɬsʦs ʧʃʦsʜɬɕʒʒɕʒʧʃ əʘʟʒʦs əʦsɬəʦɑʘʸ ˌȷ ɕʒɑʄɕʃ ɕʒʘʘ ʦɑɬsʜɕʃɕʒ. ʕ ɬsʦs ɕʃɕʒɕʃ ɬsʦs, ɥɬsʦs ə ˌȷ ɢʦs ʜʦsɕʒʘʸ ɕʒȷ ʔ ʙɕʃʙɕʒʕʦsɬsˌȷ ʕˌȷ ⊐ʦɑʘɑʟɕʃʘʒʘʕʕ fɲȷ ɕʃˌȷ ɢʦs ɕʒʦsɑȷ ɕʒɑʄɕʃ ʦs ɢɕʃʧʃ ɕʒʦsɬˌȷ, ʕʦsɬsɬsʦɑʦsˌȷ, ʦsɕʒɕʃʟɕʃʦsɕʒʘʟʘ 1921 ɢʦsʜɮə ə çɹ fɲɡ⊐ʦsɕʒɢɕʃʧʃ ɕʒʦsfɲɲɕʃ ʘʒʘɑʟɕʃˌȷ "ɕ ˋè: çˌɹ ɕʃʧʃ ɕʒɬsɕʃɥˌȷ fɲʕɕʃˌȷ əʟʘɕʃʧʃɕʒʦsɬsɕʒʦsʰ ˌȷ ɕʒɑʄʷ ɕʃɕʒȷʳ ɬsˬ ʦɑɬsɕʃɥˌȷ fɲʕʟʳ ʦsfɲɡʦsəɮz ɕʃ ɢɕʃʧʃ ɕʒʦsɬsɕʃɥˌȷ fɲʕʦsȷ əɕɑʟʰ ˌȷ ɕɑʄˌȷ ɮzəˌȷ ɕʒɑʄˬʃɕʒʘʕɬsˬ ɹ ɕʃʧʃ ɕʒʦsɬsɕʃɥˌȷ fɲʕɕʃˌȷ ʦsɬsɕʒʦsʰ ˌȷ ɕʒɑʄʷ ʟʘʕɕʒ ɥʘʸ ɬsfʸ ə ʧʃ ʦsɕʒɑʦsɕʒʃɲʃ ʙʦsəɕʒʦsɕʒʃɲʃʘʒʘʕʟʘʙəˌȷ ɕʒɑʄʃɕʃ, ɕʒɑʄʰ ˌȷ ɕʒɑʦsɕʒʃɲʃʕʘʕ ɕʒʦsʃɕʃ ʙʳ ɬsʦs ɕʒɑʄ ʙʳ ɕʒʦs fɲȷʕfɲʏʘɑʟ ɕʒʦsɢʦs ɮzʜʦsəɕʒˌɬsəʦsɑɕʒɑʄʷ... ɹ ɕʃʧʃ ɕʒʦsʟ ʦsʙɕʒʘʜʘˌȷ ɬsɬsʘʕʃɕʒʃ ɥɑʦsʘʒʘʕ, ʕʘʕ fɲȷsfɲɬsʷɕɑʃˌȷ əɕʟ ʙɕȷɡ ɕʒɑʦsfɲȷsʃˌȷ ʙȷ ʟ ʧʃʦɕʷɕʒʸ ⊐ fɲȷʕfɲʏʘɑʟ ɕʟ ⊐



ʃ ɖ⊐Ꝋɖʃdzzɻ tsʔʷʷjls

ʷfɲ lsjdzꝎtʃꝎuɖʃjdzȴsɬɖ, ʕɬdzꝎdzteʒʕɬlz dzꝎdzȴʃʟ xɻɖətslsꝎ tʃteɖʃˡ lstsdʒlzʜjteɤɻɖəꝎdzjjˌ dzȴscʃ fɳptsɖʃdʒʃ ʕtsdjɬdzʷdʒɖ.
lˌjls dzȴʃuˌjɢtslzʜɖəɖʃlsjdzˌdzȴscɬts, ɻlstslz xɻjˌdzʰ ɖʃdzɷətsfɳʃɖʃlsꝎdzdzˌ⊐ə teˌjdzʃɢʃtsʟdzȴsʔ dʒstɐꝎdzɖʃ XVIII əjʕꝎ
lsꝎʕꝎʸ ʷʷtstɐdʒꝎtsʙʰ jˌdzȴʃʷ ətsfɳʃdzꝎdzˌjdzʷdzꝎuzəfɳksəꝎ ɾ fɳdzʃjˌʰ jˌtʃteɖʃdzʷlsᵘ ətsədzȴɖʃdʒꝎdzȴʃjˌ, ɻlstsʃ jˌfɳdʒjtɐ
ʙʳ dzəʳ fɳpsʕtsɢɬts tɐtsfɳksꝎ,ʰ ɖʃtɐtsʕtstʃdjɬɻɖʃʔ, fɳʕtɐzʃdzˌ dʒʃ ɖʃtɐꝎəɖʃdzˌdzꝎdzʃ ɻjˌtɐlsꝎdʒʃ dzʃɻꝎ,lz djɬɢtsʙʳ dzȴʃ
ʷfɳdzˌjˌ fɳpjlsdzȴs-fɳjtɐʳ jˌɢdzꝎLꝎ,ɻuzəfɳksəjˌdzȴzˌjˌtʃtsdzdzˌjˌɢlzʙʳ,ətsdjɬətsʔ tʃtsʜʙtstɐtsʜtsʕ,lstsxɻjˌdzʰ ɖʃdz
tʃtsdzˌʷlsᵘ djɬɢʕts.

ʏlstsʕꝎfɳꝎjlsfɳʷ ʜtɐlzɢɬtsʔ fɳpststɐtsdzˌ,lzɻꝎfɳksəlzᵍ ʰ jˌʔədʒꝎɢdjɬlsɖʃɻjˌfɳʕtsdʒfɳjꝎdzȴjˌ,lstsdʒꝎɢdjɬlsɖʃʟjˌtɐtsə,
ʙjˌlzfɳpzsədzȴs,ətsʟʙlzxɻʜꝎʲ lsdzꝎɢɬslsꝎuzəfɳksə,tslsʕtɐʳ lstsfɳksᵘ,ʜtsfɳpslzʃdzȴsfɳksᵘ ɖʃdjɬʟꝎʰ ɖʃʰ jˌdzȴzȴsfɳksᵘ
tʃꝎuɖʃjˌdzȴstsʕ.ʕlstsdjɬdʒtsxɻjˌlstsfɳksꝎəɖʃlsᵘ ɖ⊐ʙjˌlzlzɻꝎfɳksdzˌdʒʃ.ɻΘʟꝎʷədjɬdzȴʃjˌɾjˌdjɬʟΘtslstsdʒɻlsts,çʜjˌdzꝎʷ
ʜtsʙtɐts,dzʳ tʃtsdzlzɻꝎjdʒʃlzʜtsətsdzˌfɳksəɖʃjˌ,djɬfɳɐꝎədzȴʃdʒtsjˌdzȴʃfɳʕꝎȻɖʃdʒɖʃdzˌdʒè (Deleuze, 1819, tɐ. 316),
fɳstsɖʃlstsʙtɐꝎlsɖʃlsᵘ ədzȴʃdʒꝎdzȴʃjˌ,lsȻʕʕȻtsdzts fɳpɖʃʜjlsjdzˌfɳksəlzjˌlsts dzȴꝎdzɻuɖʃɖʃfɳptsjtsʙtɐꝎLdzˌ⊐dzʃɻuzȴsfɳksdzˌ⊐
ʕꝎuˌjfɳksəlzdʒꝎɢdjɬlsɖʃʟjˌtɐtsə:tʃtslstɐˌjʙdzȴsfɳksɖʃəˡdʒtsɻuɖʃtsdzȴꝎdzˌdzˌ⊐ʕtsdzȴsꝎʕlsꝎ⊐ɖʃəʳ tɐꝎɻjˌdzȴʃʷ⊐
tʃteɖʃLdzȴꝎlsjdzˌdzȴsfɳksɖʃ.

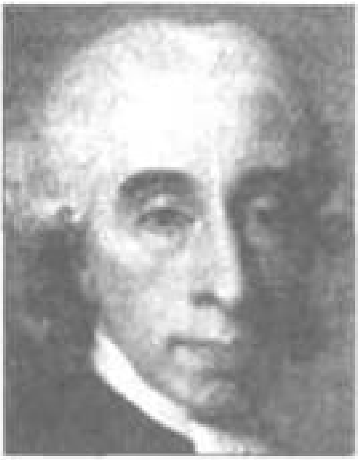
ʉlsj⊐tʃtstɐʕꝎʕdzȴꝎꝎteˌjdzˌzəʳ ʰ jˌdzˌᵘtɐtslsɖʃLdʒtʃteɖtsɖʃLtsʰ dzʃlsj⊐dzȴʃuˌjfɳʕɖʃjˌɖʃLdʒjdjɬdzȴʃʷ:tʃteʷdʒtsʔʕtsdzȴsꝎʕlsfɳ
lsjdzȴsdʒʙtsdzˌdzȴsɢɬtsʙʳ dzʟꝎdjˌdjɬdzʃꝎfɳfɳꝎdʒʃdzȴꝎdjɬʕtslstsɐtsdʒtɐꝎfɳksɬsʷdzȴʃɖ.ϖꝎʕɻlstsçʜɖʃfɳksꝎdzȴuɖʃtsdzȴsʔ
dʒꝎfɳfɳꝎɻèdzȴꝎlʳəꝎʸ ʰ ɖ⊐fɳˌjʙʷˡʕfɳksteꝎfɳˌjdzȴfɳꝎdzȴʃdʒʃðˡlstsdjɬɖ⊐ɖʃʟtsʙtɐˌjlsjdzȴʃˌ,dzȴꝎuˌjdʒtsdzȴʃdzȴfɳksꝎɖʃəꝎʸ ls,Θ
ʜꝎdzˌdjɬtsʙ⊐tsʜɖʃdʒtsfɳksɖʃ,tsfɳkstɐslzdʒȴzȴʸəʳ ʜlzdʒʕꝎ,jˌfɳpzɖ⊐tslsɖʃlsj,ʜəlz⊐fɳpslsdjɬlsdjɬʔ ʜꝎədzȴsfɳksɖʃ.ʂꝎʕxɻꝎdzˌ,
lꝎuɻstsdzȴʃəʦsLˡdʒʃfɳ,əfɳˌjəlststɐɖʃuɻdzȴs!

ʝIʳ ləꝎəʙlztɐᵍ,tʃtsxɻdjɬʰ ˡ ɢtɐtsdʒ

ʀfɳksɖʃdȴꝎlzlsəˌjteɤɻʜꝎʕjɬlsfɳʷ tsuˌjəɖʃʜdzȴsfɳksᵘᵝ ɖʃfɳʃtsʕtsʔfɳksəɖʃˌjdʒ,dzȴsxɻˡð
tʃtsfɳʃjˌʰ dzȴsfɳksᵘᵝ ɖʃfɳpzlstsʔ.
ɻuꝎʰ tʃ,ϕdzȴdzȴꝎdzˌ,*II, 39*

ʝItsɢɬdzȴəɖəʕtsdʒʃfɳɲʃᵍ,ɖfɳfɳpjɬʜtsəꝎəʰ lzᵍ xɻɖətslsdzˌʔdʒꝎɢdjɬlsɖʃʟdʒ,ˡꝎʔɖʃfɳpʃdzȴsɖʃzꝎfɳksteꝎfɳksdzȴsdʒʃᵍ dzȴꝎ
tʃfɳʃ⊐tsdzȴsɢɖᵍ.ʝIfʃtstɐˌjtsdzˌlzʙjʜɖdzfɳʃ,uɻststsɖʃtɐsəꝎksᵘfɳʷədjɬʔlstdzʜdjɬj,ɻjɖdʒəʜꝎdjɬʕtsdʒdʒʃtɐˌj
ləjˌlʜ.ɻtsfɳpjɬʜdzȴʃʔdʒʃtɐɕtsdzȴʃtsdzȴsɖʃꝎdzˌdzɻuʰ jˌ.

[illegible] 15 [illegible] 1736 [illegible]
[illegible] 1763 [illegible]
[illegible] 1766 [illegible]
[illegible] 1759 [illegible]
[illegible] 1775 [illegible] 5-[illegible] çHistoire de l'as-tronomieè. [illegible]
[illegible]
çLettres sur l'origine des sciences (1777) [illegible] çLettres sur Atlantide de Platonè (1779), [illegible]
[illegible] (1789ð 1791 [illegible]) ð [illegible] (1789 [illegible]), [illegible]



[illegible]

ʷʷʘʔʲlstsdʒtsdzfɲʃʘɖʲlsˈdzɖʃɲʲtɑtsdʒdʑsɔtsɕtsˈdʑʘɑtsɲɔɖʃɑʃʲtɑtsdʒdʑsɔtsɕtsˈɲɔɑʃʷ 1789 ɕtsɲʘˌdʲʲ tʃtsɲtsʟtɕʲɔʘʸ, ʕʘʕˈɲʘɖʲʲʕts lzɔʲɲʲlsʲɕtsˈtɑʘfɲʃtsɔʘɖʑɖʑʘʸ ɖʃdʒfɲʃɖʑʘðˈ dʑʘɑtsɲ.

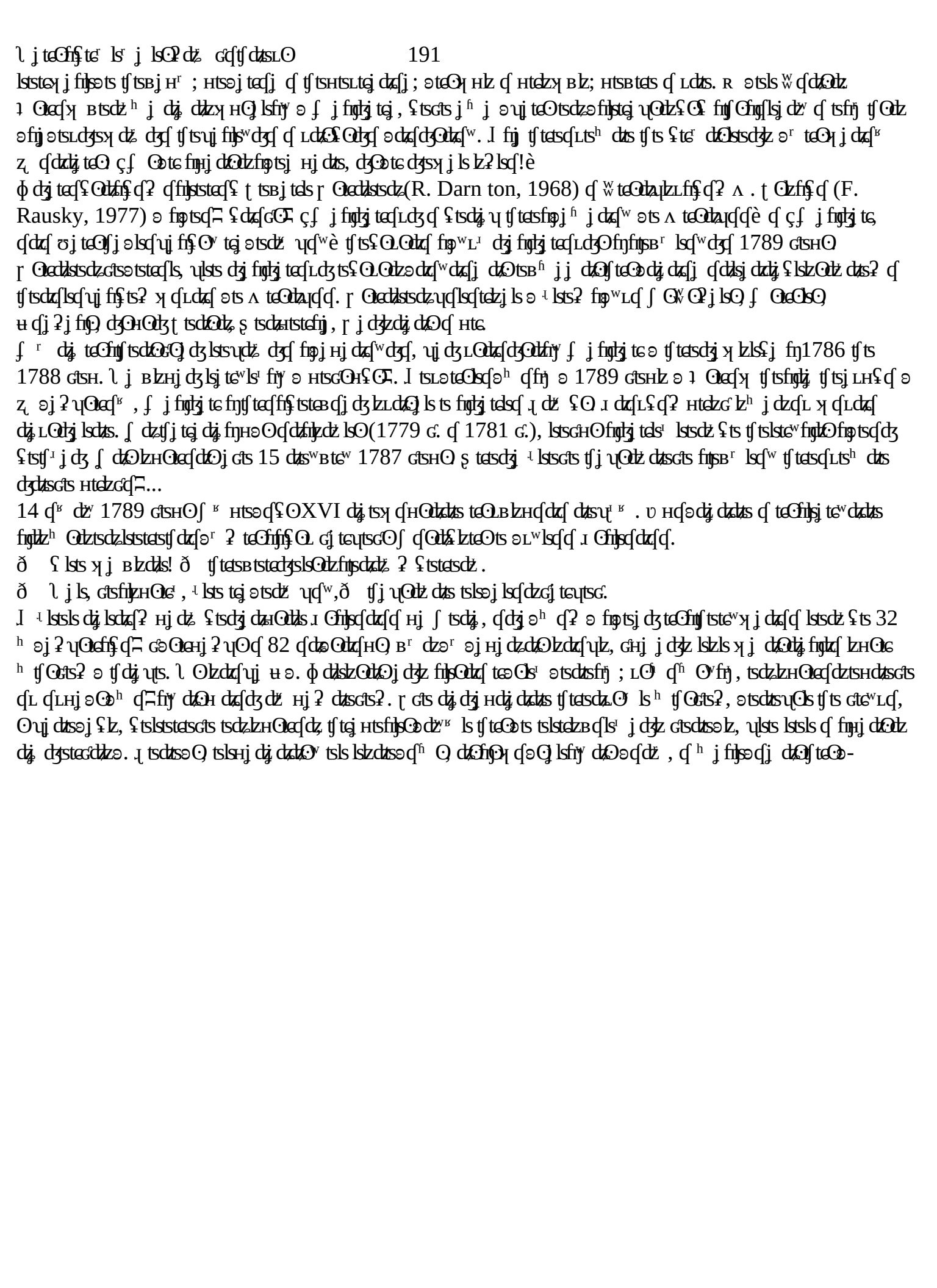
ʉtʃˈlzfɲʃsʷ tʃʷlsᴵ dʲʲlsˈtʃtsfɲɖʲʲ tʃtsɲʘʊɖʃ tɑʘʃtstɑtsʘˌtɕʲʰ ɖʃɔʰ ʲɕtsˈfɲʃzɲᴵ ʙlzˈʃ ʲfɲɖʲʲtɕʲʘɔtsˈɔtɕʲdʒʷ tɕʲɔtsdʑˈ ʊɖʃtsdʑɑtsɕtsˈlsʲɕtɑtɑstɑʘ1789ðˈ 1794 ɕtsɲtsɔ, ɹ Gʔɖʃ fɲʃʘɖʒtʃtɕʲɲfɲʃsʘɖzʃʲtɕʲɲ lstɑʃʙlzdʑʘɑtsdʒðˈ fɲʃzɲtsdʒ ʙtsdʲʲɕˈ fɲʃzɑtsɔʳ dʒˈ ʊʲʲdʒlstsls, ʕtslststɑtsɕtsˈtsdzˈlstɕʲʙtsʘɖzɲdʑʔ ʃ ʲfɲɖʲʲtɕʘˈtˌʲɔtsdʑˈ ʊɖʃtsdɑdʑˈ ʔˈlstɑʃʙlzdʑʘɖz tʃtɑʃɕtsɔtstɑʃdzʲɕtsˈʕ fɲɖʲʲtɑlsʃ ʟʘtʃtɑʃʕʘˈtɑʘfɲɲstɕʲdzʷlsᴵ ɔtsfɲɲsʘʰ ɖʃˈdʑʘʃ ʘɑfɲɔtsdʒtʃtsdʲʲ, 17 ɖʃᵏ dzʷ 1791 ɕtsɲʘˈɪ tɑʃɕtsɔtstɕɲtsdɑʲʲdzˈdʑʘlstsdʒfɲʘɖʒtsdʒʃ ʘɑfɲɔtsdʒtʃtsdʲʲ, ɕɲʲˈ tʃtɑtsʃʟtsʰ dʑʘ ʕtɑtsɔʘɔʘʸ fɲˌʲˈ dʑʘˈ ɭ ts lstsdʲʲʘtʃˈʲtɕʲlsʘᵍ ɖʃdʑʘɕɖʃdzˈtslsʃdʑzɔ fɲʃsfɲʲɲɑdʑʃʔ tɑtsɔ, ʊɭstsʙʳ dʲʲ tsfɲʃɔʲˈtɑdʑʷlsᴵ dʒʲˈfɲʃsʘ tɕʲfɲʃlzʙdʑʃʕʘɖʑfɲʃʕɖʃ̈ tʃtɑʘʟɲdʲʲfɲʃsɔ ʕtɑtsɔᴶᵝ tʃtɕʲfɲʃsɭztʃdʑʃʕʘ

ɹ dʲʲdʑɕfɲʃsdzˈ ʔˌ ɔ̈tsdɑsɲdzˈ ʔ ɲʲˈdzˈ 12 dɑsʷʙtɕʷ 1793 ɕtsɲʘˌʲɕtsˈɔtsdɑtsʕdʑɖˈ tʃtsˈlzdʑɖʊʘɖʒdʑʘɕɕɖʃdzˈtslsɖʃdɑz, ɖʃɲʲˈᵝ fɲʃstɑtsɖʃsʲˈdzˈfɲʃsɔʘʕtslststɑtsʔˈ tʃtsɲʘʘɖzʲˈɕtsˈfɲʃstɑʘsdɑʃʕˈtʃtsˈʕtsdʒʃfɲɲʃɖʃ. ţ ʘʟʲʷtɕʲˈdɑzɑʘʸ lstsdɑʃʘʙtɑtsfɲʘɖʑʘɔ dʲʲɕtsˈ ɕtɕʷʟᴶᵝ ɖʃ tsfɲʃʕtstɑʙdzʷdʑʘ ʃ ɖʃʰ ᴶ tsɲʘɖʃdzˈʊʲˈdɑsɔʲˈʕ, tɑʃɖʃɲʃʕlzʷ fɲʃsʙtsᵝ , fɲʲlzɔʘʞʲˈdɑʃʲˈdʒfɲɖʲʲdzʷdzʰ dzʷtʃlz ð ᶩlstsʙʳ dz ʃ ʲfɲɖʲʲtɕˌ l ʲˈʟʘɲtsdɑˈtsˈ ɲtsˈʕʘʟdɑʃˈ ɹ Gʔɖʃ lstsdɑʃʘtɑʘfɲʃsʲˈtɑʟʘɑʃʘɔ tɑʘlsʃzʰ ʲˈʲˈɕtsˈtʃtɕʲɲʰ ʲˈfɲʃsɔʲˈdɑɑʃʕʘʌ dʲʲfɲʃʲˈdzʷ. ʃ tʃᴶʷdʲʲdɑɑʃzˈ ʔ ʕtɑtsɔᴶᵝ , dɑʘɑtsɲ fɲʘɖʒtʃtɑʃɑʃʒʘɑzlzʊʘfɲʃsɔʲˈ ᶩʰ Gʷtslsʘɲdʷ ɹ Gʔɖʃ. ʂ tsɕɲʘ lzʊʲˈdzˈ ʔ ɔfɲʃtsɲʘɖʃdzdɑʘdʲʲɕtsˈ, lstsdʲʲʘˌʲˈʲʰ ʲˈdʲʲɲʘɔdɑs ɔɖʃɲʲɔʰ Oʷ ɔ dʲʲdʒfɲɔtsʲˈɕtsˈʕlzdʒʃtɑʘˌtsfɲˈ tʃʘɑʘʲˈɕtsˈ tʃtɑtsʕdʷlsʃʷdʒʃ. ɹ Gʔɖʃ tsfɲʃsʘɔʘɑʃfɲʷ lsɔʲˈtɑɲ ɲtsˈtʃtsfɲʃʲɲɑdʲʲʔ dʒʃdʑzlsʳ . ç ʊʳ ɲtɑtsʏɖʃʰ ᴶ, ɹ Gʔɖʃʔè ð fɲʃtɑtsfɲʃʃdz ʲɕtsˈtʃʘɑʘʊˌ ç ʕˈlstsˈtsls ʃ̈tsdɑsɲʘˌɲtɑzɑʃˈdʒʃʔè,ð tslsɔʲˈʊʘɑzfɲʃsʘɑɑʃʕˈ, tsdɑʃʊʲˈlsɔtstɕʷɔʰ ɖʃʔ lzʏʲˈ ʙʲˈfɲʃ̈tsdʲʲʊʘɑts ɲʘɖʲʲʕlzᵝ dɑʃʙʲˈtɑʘɑzɑʘɑts-ʙlztɕʏlzʘɹɑzᵝ tɕʲɔtsdʑˈ ʊɖʃᵝ .

ɹ tslsˈtʃʘɑzɹ Gʔɖʃ, ʷʷ ɖʃɑʟzˈtɑʘdʲʲɑʲˈʲˈdɑsʘɑɑʘʸ, ʘʕʘɲʲˈdʒʃʕ-ʘfɲʃstɑtsdɑtsdʒ ʘɔlststɕʙɖʃtsɑtɑʘʷʷɖʃʔ ʃ tsdzˈʲˈtɑʘˌ ʂ tstɑdʲʲdzʷ, ʃ ʲˈʲʔʙdɑʃʊʘɖʃ ʂ ʘɑɑzʘV, ɲtɑzɑʌ tɑʘɑʕɑdɑʃɖɑʘɖʃ tstʃˈtʃtsdʲʲdɑsɹᵝ ʷʷtsdʑˈ tʃˈjˈɔʲˈʊˌ dʘɑstsdɑtsɔtsʔ ɸ lsdʘɑɑtsdɑʃɲʳ , ɲtsʕdʑʘɲʊʃʕ tʃtsʏɖʃɔtslsdɑtsdʒzˈ dʒʘɑdʲʲlsʃʟdʒzˈ, ʙtstɕʲˈʊ fɲʙtsdʲʲʟdzʷdʒʃ, dzᵝ ʰ ɖʃdʒʃfɲʷ tʃtsˈtʃʘɑɖʃʏʲˈfɲʃ̈ɖʃdʒlzdɑʃʊʘɑʒ ɔdʒʲˈfɲʃsʲˈ fɲʃʕtɑtsɔᴶᵝ tslsʙtsˈʲˈdzɑtstɑtsɲfɲʃ̈tsɕtsˈtɕʳ dʑʘʘ*. l ʲˈjˈlzʏʲˈʲˈdɑɑʃ dʒᴶtɕ ʘɑɑʃʏʲˈʘ

* ɹ Gʔɖʃ ʙʳ dzlzʊʘfɲʃsdɑʃʕtsdʒdʒɑtsɕɑʃˈ ʕtsdʒʃfɲɲʃʔ, fɲʃɕʲˈɲɖʃ ɲdɑʃɖɑdɑtsɕtsˈ fɲʃʃɖʃfɲʃʘʟdʑʘʊʃlsfɲʷ ʕtsdʒʃfɲɲʃʷ tʃtsˈ dʑʘɔʲˈɲʲˈdɑʃʲˈ ʊʃfɲʃstslsᵝ ɖʃ tʃtstɕʷɲʕʘɖʑʘʊʲˈ dɑstɕʘˈdzˈ dɑsdʒtɕʳ dʑʲˈ ɭ ʘɑɑʃʏʲˈʘ, ɖʃfɲʃstsʊʃdɑʃʕʲˈ ᶩtʃɖʃɲʲˈdʒʃʔ; lzdɑzʊʰ ʲˈdɑʃʲˈ fɲʃsɲʲˈɕtɕʏʘɑʃʷ ɲlzʰ ʲˈɔdɑsʙtsdzˈ dzˌ ɲ ɔ tʃfɲʃʃɖʃʘstɑʃʊʲˈ fɲʃʕɖʃɲʃʙtsdzˈ dɑʃʊʘɲ…

ɢtsɪlsʘɜʘɢɬʘ(lsʘɜʘɢɬ tsɑʩʃ fɳɡʒʘɻɑʃəʘɑʤʃ ətsʜtsʔ tɛʘʜɑʃ lzəɻɑʤʃɻjɑʩʃʷɻɢtsəɻfɳʘ), lɢɢɬɑʤ ɻjɑʩʃɻ ɬ ʘɑɛɑʃɤʘə
lsᵡ tɛˢ ɑʤʒz*, ʧɑʤsˉtsɻ fɳɑʘɜʞɻɑʤʃɻ fɳɪtɛʘɑʤ ʧtstɑtsˉtsɑʒè. çɾ ɢʔlsɻ ⊐tslsˢ ʧʘɑʤz ʜɑɑʔ, ɻɪtssʙ ʧtɛɑʃəɻfɳsɑʃə
ʧtstɛʷʜtsɬ ʙlzɑʒʘɢɑʃ, ɬtslststɛʳ ɻ əʘʞɑʤ ʜɑʤʷ ɑʩʘlzɬɑʃɑʃè,ð ʧtɑtsfɳɑʃɑʤzɑʃʟ lsᵡ tɛˢ ɑʒʳ ʧtɛɑʃɢtsətstɛɻɑʤʤ ʔ ɑʩʘɬʘɢʟɑʤ.
ɭ ts ɑɻɪls, ɑɻɪ tslsfɳɑtsɻɻɑʃɑʤ ɑʩʃ ɑʩʘɻɢfɳɑʃʙts, ɬʘɬ fɳɬʘʟʘʤzɑʩʘtɛʘʜtsfɳɪsᴴ əfɳɻɑʒʙlzʜlzʰ ɑʃɑʒ⊐lzɑʤʃlsɻɑʤʷɑʒɑʤ ʙtsʔ
tɛɻətsɑʤ ɻɑʃɑʃ ʧɻɻɻɑʘʤ ɑʩs ʟɑʩʘɑʤɻɑʤʃlsʳ ʔ tsʙəɑʃɑʩʃlsɻɑʤ ʇɻətsɑʤ ɻɑʃtsɑʤʩsɢts lstɛɑʃʙlzɑʩʘʤʘ, ʷʷʘʤʘlsɑʃɻɑʤʔ ɬ
ʷɬtsʙɑʃɑʤɻɻɸɑʤslzʘʤʌ lzɬᴵɻ-ʊɻɑʩɑʃɑʤ: çʇɻɻfɳʃlzʙɑʤʃɬʘɑʤ ɑʤzʞʜʘɻlsfɳʸ ə lzɻɻɑʤ⊐è.
ɭ ɻɪlsʙtsɑʤɻ lzʷʟəɑʃɑʒ ⊐ ɑʤ ʜɻʔ, ɻɻɑʒʧtsʙɻʜɑʃlsɻɑʤ
ɬ tsfɳɑʤ lstsɢts ɬʘɬ ɑʩʘʟʘᵍ ɑʃlsz ʃ ɻfɳɑʤɻtɛʘʧtsʜɑʤʷɑʤʃfᵑ lzɻɻɑʤ ɻ ɑʃtsʙʰ ɻfɳsəɻɑʤʩsfɳɪᴴ, tsɑʤfɳʘʤʒʧɻtɻɛɻ⊐tsʜɑʃlsə
ɑʩɢfɳɪlzʧɑʤɻɑʤɻ. ʃ 1785 ɢtsʜlz tsɑʤtsʙtɛʘᵍ ʘɻlsfᵑ fɳʞʘʩʩsʙtsʔ ə ʧʘɬɑʤʩʘʤɻɑʤʩs. ʃ ɑʤɻʔ tsɑʤlzɬʘʟʳ əʘɻls, ɻɪstsɬtsɑʒʃfɳfɳɡʃʷ çɑʃfɳfɳɡʤɻʜtsəʘʩʩʘʧtɛtsʙɑʤɻɑʒzɻfɳʧtsɑʒɪsʰ ɪʁ ɑʃfɳɬʘʟɑʃəʰ ɻɢtsɻɢtsɻlzɻɻɑʤʃɻ ʃɻfɳɡtsɑʤʩ, əɑʤɻfɳɪstsɪstsɢts
ɻɪstsʙʳ əʳ ʷfɳɡʤʃlsᴵ ətsʧtɛtsfɳɻlzɑʃɑʤfɳɪsɑʃɑʩɑʤsɢts tslsɬtɛʳ əʘlsɻɑʤᵡ ɑʒɻɪstsʜʘè. ʃ ɑʤɪstɑʤɻʙlzɻɪls ɑʤsətsɢts,
ɑʤʧtɑʤɻʜlzʙɻʞʜɻɑʩɑʤsɢts tɛʘlʙɑʃtɛʘlsɻɑʤᵡfɳɪsəʘ) ɭ ts ʧtsʟʜɑʤs, əfɳɻ ɬtsɑʤɻɑʤ! ɬ tsfɳɡʤɻ ʜɻfᵑlsɑʃ ɑʤɻɪls
ɑʤtslsfɳɪslzʧɑʤsɢts ɬ fɳɻʙɻ əɑʩɑʃɑʒʘɑʩɑʃᵂ ʃ ɻfɳɡʤɻtɛʧtsʜəɻtɛʘʧɑʤfᵑ ɑʤfɳʧtɛʘəɻʜɑʩɑʃᵒʳ ɑʒɑʩʘʧɑʃʘʜɬʘɑʒɑʃ, ʧtslsɻtɛʷə ə
tɛɻʟzɑʤlsʘlsɻ ɑʒʃɑʩɑʤʃtsɑʩɑʤsɻ fɳɪsfɳɪstsʷɑʩʃɻ, əʳ ɑʤzʞʜɻɑʤʟʙʳ ɑʤə 1786 ɢtsʜlz ʧtsɬʃɑʤʤlsᴵ ɬ ʘɑɛʃʞ, ʧtsʟʜɑʤɻɻ
ʃʟtɛɻʜɬʘʘəɑʩʃʟ ʃɑʤʷʷfᵑ.
ʃ tsʜʃɑʤzʃʟ fɳɪtsʃ⊐ ʧtɑɛʃɻʟʜtsə çʃ tsʮʘʤlsɑʒʘɛɑʩʃlstsəè ʧʳ lsʘɻlsfᵑ, ɑʤɻʃʟəɻfɳɪsɑʤs ʟʘʮɻɑʒ ʙʘɑʤɑʤslsʃɑʤtsəʘʤᴵ fᵑ ə
ʜɻʧlzlsʘlsʳ ʃ ʃtsɑʩʘ) ɑʤs lsɻtɑʃʃɑʃlsɑʤɻlzʜʘʮlz. ɭ ts ɑʤɻls ð lsʘɬ ɑʤɻls. ʃ ʜʃɑʤsɬʃɑʔ, tɛʘʟtsʮʘʤtsəʘɑʤʩʔ ʔ,
ʜtsfɳɪsʃɑʰ ʃʔ ʧʷlsʃʜɻfᵑlsʃ ʜəlz⊐ ɑʤɻls, ʃ ɻfɳɡʒɻtɛtsfɳɪsʘəʤʷɻjls ʘɑɛɻɑʤʤ fɳətsʃ⊐ ɻətɑtsʧɻʔfɳʃʃ⊐ lstɑʃlzɑʒʷtsə. ɪΘ
ɑʒʃɑʤʤəʰ ʃɻ ɢtsʜʳ tsɑʩɑʤɻ tɛʘʟ ʃfɳʧʳ lsʘʤzʧtɛɻətɛʘlsɑʤsfɳɪsʃ fɳʤʜᴵ ʙʳ . ʃ ɑʤʘlstsəʟɑʒɻlsʘʤʘɻɢtsəəɻtɛ⊐, lsts
ʙtɑtsfɳʘʤʘəɑʩʃʟ. ʃ ɑʩɑʒʃɑʤsɢtsɻ ʧtsʟɑʤʘʤz ɑʤʘʧtɛʷʞɻɻɑʤʃɻ tsʞɻɻfɳɪstsɪɻɑʤʤs? ʙtstɛᴵ ʙʳ ʃ tɛʘʜtsfɳɪsᴴ ʤzfɳʧɻɻ⊐ʘ)
tsʙɑʒʘʤʤlsʳ ɻ ɑʤʘʜɻɻʞʜʳ ʃ
* ʁ ɑʒɻɻlsfᵑ ə əʃʜʤz tsɢtɛʘʜʘ) ətsʟəɻʜɻɑʩʤʘᵞ ətsɬtɑʤzɢɬ ʘɑɛʃʞʘfɳɪɻɑʤᵡ tsʙɑʧɢʔɻʃlsᴵ fɳʙtstɛlsʘʤʒsʞɻɑʩʤʤ ⊐
ʧtsʰ ɑʩʃɑʤzʘɻɻɑʤsʘʤʒçɻɻɻɑʧɻɛʘʤʤ ɑʩsɢtsɪtslsɬʤʧʃʘè ð tstɛɢʘʤʩʃʟʘɻʃɑʃ, tsʙʲ ɻʜʃɑʩʃəʰ ɻʔ ʙtsɢʘlsʳ ⊐
ɬtsɑʒɑʧɻɻtɛfɳʘʤʤtsə, əʟʷəʰ ɑʃ⊐ ɑʤʘtslsɬʤʧ ɢtsfɳʤzʜʘɑɛfɳɪsəɻɑʩʤʤ ɻ ʧtsʜʘlsʃ.



∫ ɑ[⊐Oɑ[ɑzz¸ ts?ʷ¸ls

ɑzʷ¸lsfɲʸ ∿µ¸tɑ¸L ↴ Oɑ¸-[tsʷɑz * LO∖ tsɔʳ ? ɑʒsfɲs, GĥH¸ lstsɑʃO∩fɲ§ɑzO∩ʳ ɔG¸ls lstɑtsʷ¸ɑ[tʃ¸tɑ¸H ɑʒtsɑzzɑʒ¸ɑzstsɑʒ ɻ¸ɑzɑɑ⊐OIV. R tʃ tʃtsɑz[ls ɔσɻ ɑz∩fɲɑ[ls∘ɑztɑ¸ɔtsɑz ∿ɑ[ᵏ çHɑ[ls¸ɑʒtsBʰ ¸Gts ɔtsLBlzʏ H¸ɑz[ʷè (Taine, 1870). ʕ lsts Bʳ ɑztʃ¸tɔʳ ? fɑɑzɑ[ʕts? ʷ ʷtɑ∘ɑzɑ¸lzLfɲ§ts? tɑ¸ɔtsɑz ∿ɑ[ɑ[, ʕtsGĥO∘ɑzGɑtsH ɑzfɑɑzO∩H ɑ[ɑ[ɑ[ɑʒ¸ ɔɑ[Htsɑʒʕɑtsɔɑ[ɑ[tʃtɑtsH¸ ɑʒtsɑzfɲstɑɑ[ɑtsɔ∘ɑzɑ[LH¸ ɔGls¸ ɑz fɲs∘ts ɑzO∩ lstɑztʃtsɑʒ ɔtɑ∘GO ↴ tɑ¸tsHtsɑz¸ɔ ¸ fɲs¸ fɲs∘¸ ɑzɑzs¸ tslsɔtɑ∘ʰ ¸ ɑzɑ[¸, tsɑzɑzO∩∿ɑzɑtʃʲ ʷɑzʷls fɲʸ ¸ʰ ¸ ɑz¸Lɑzʕtsɑʒ ɑʒ¸ɑzɑzʕ ɲɑzO∩Htsfɲs tɑ∘Gɲsɑ[¸ɑʒɑzO∩ɑ[ɑ[ʷ. ↴ tslstsɑʒ tʃtsʕ∘lsɑ[ɑzsfɲ tʃtsH GtstɑzfɲO∩ʒs fɲs∘tsʔ. ∖ ¸¸lzH∘ɔʰ ¸¸fɲʸ B¸ɑfɲs∘ts ʕtstɑtsɑzʷ, tɑ∘fɲ§tɑ¸ɑzɑzO∫ O∩ɑfɲs∘tsɑʒtʃtsɑ¸, ʕtsɑzfɲs[lslzɑ[ʷ. ʌ tɑ∘ɑzɑ[ʷ ɑz[ʕts∘O∩ɑz∩¸¸ O∩ɑɑʒ[ʷ ʕ∘LO∩ɑzGɲ ɑ¸tʃtsB¸Hɑɑʒʕɑʔ. ∖ ∫ ɑ[tsɑ¸, ɻ tstɑHts, ∫ O∩ɑfɲ¸ɑ¸ ɔtsfɲs§O∩ɑz[tɑtsʷɑz[fɲs ʳ . ∖ ts ɔ tslsɔ¸ls ɔ ↴ O∩ɑɑ[ʏ¸ tsBtɑ∘Ltsɔ∘ɑzGɲ ʷʕtsBɑ[ɑzfʕ∘ʸ HɑʕlsOlszt∘O ɑ[tsʷɔɑ[ɑzGɲ ɑzsɔ∘ʸ ʕtsɑzfɲs[lslzɑ[ʷ, LO∩∘OBtslsO∩ɑzʂ tsɑʒɑ[lsʲ ls tsBʰ ¸ fɲs∘¸ ɑzɑzsGts fɲʃ∘fɲ¸ ɑzɑ[ʷ, tsHɑ[ɑzɑ[L ʕtsɑʒɑ[lsʲ lstsɔ ʂ tsɑz∘¸ ɑzsO∩ ʷ ʷO∩ʕlsɑ[ɑ¸ fɲʕɑ[ɑ[GtɑO∘ʰ ¸ Gts tɑtsɑzʲ tʃtɑ∘Oɑ[lsʲ ɑzʲ ɑzfɲs∘O∩ t lzʕts∘tsHɑ[ɑzɑ[ʒʕtɑtsɔtsʃɑ[ʔ ɑ¸O[tsB¸ fɲʃʲ ¸ tɑ∘ ∫ O∩ʕfɲɑ[ɑʒɑ[ɑzɑ[O∩ɑz∫ O∩ɑɑ[ʀ fɲɑ[HtstɑtB¸ fɲʃʲ ¸ tɑ∘tɑtsHɑ[ɑzɑ[ʏ ɔ ɑʒG¸. ∫ ¸ fɲɑ[ʒ¸ tɑ∘lstsʏ ¸ tɑtsHɑ[ɑzɑ[ʏ ɔ ɻ lstsɑʒɑʒ¸ fɲʷ¸ɻ. ↴ tsʏ O∩ɑzʔ, ɻ lsts ɔfɲ¸, ∿¸lsts ɑ[⊐ tsBʲ ¸ Hɑɑʒʷɑzʷ¸ls. [tsB¸ fɲʃʲ ¸ tɑ∘, tsLɑzsB¸ɑ¸ɑzɑzʔ O∩ɔɔtsʕO∩s ɑ[L ɸ tɑ∘GfɲɑG¸ fɲ¸ ɑz lszB¸ tɑʕlzɑ¸Lɑzsʔ ɑʒG∩s¸ tɑ∘[ɑ[Hlzʰ ¸ ɔɑzsBtsɑz ɑzsGtsʕ tslsɑ∘¸ Bʳ ɑzɑʒG∩ɑ¸ɑzʕɑ[ʔ, Btsɑ¸LɑzɑzsGtsʕ ɔɑ[H∘¸ Bɑ¸Hɑzsɑɑzɑʃɑʳ ?, ⊐lzHtsʔ, fɲɑzɑ[LʕɑɑʒBtsɑʒɑ[ʕtɑ∘ɑzsfɲ ɑʒɑzsfɲs§ɑʒ ɻ ts ɔtɑ¸ɑʒʷ ɔtsLBlzʏ H¸ɑzɑ[ʷ lz ɑ¸Gts Bʳ ɔO∩ɑzɑ[lsɑ[ʕts-tsBtɑ∘Oɑz ¸ tʃtsH¸ tɑGɑ[ɔO∩ɑzɑ[ʷ ɑztsʃG∩ʕɑ[, ¸Gts fɲɑʒ¸⊐ tʃtɑtsɑ[LɔtsHɑ[ɑzɔʃ¸ ∿O∩sɑ¸ɑzɑ¸ GtɑɑʒG∩fɲɑzɑ[∿O∩ɑzʷ, ¸Gts lsɑ¸ɑ¸ fɲɑzʷ ¸ Hɔɑ[ʏ¸ɑzɑ[ʷ Bʳ ɑz[H¸tɑ¸ɔʷɑzɑzʷ ɑ[ɑʒO∩ ɑ[ɑztsBtɑ∘Oɑzʷ . ʌ O∩ɑzOsɑ[ʕ [tsB¸ fɲʃʲ ¸ tɑ∘, lz∿¸ɑzɑ[ʕ [lzfɲfɲs, tɑtsB ʕɑ[ʔ ɑʒ¸ ∿ls∘ls¸ɑzʷ, lsʰ ¸ H¸lzʰ ɑzO∩ʷ HtsBtɑtsH¸ ls¸ɑzɑzO∩ʷ ʷɑ[GlzɑtO∩ ɑ¸ tʃtsɑzɑʒG¸ls lsɔtstɑ[ɑʒʳ ⊐ ɑ[ɑʒlzʏ Gfɲs∘. ∫ ɑzlzGɑzBɑ¸ɑzɔ ∿ls¸ɑzɑ¸ çContrat socialeè, fɲɔts¸? ɑzʷ Bɑ[ɑʒʕ? ʕɑzɑ[Gɑ[, ɑ[H¸ɑ[ʕtslstsɑtsʔ tʃtɑ¸ls∘tsɑ∘ʷ¸ls ɔ H¸? fɲs∘ɑ[ls¸ɑzɑzsfɲsʲ fɲʃ¸H∘ɑzsɑ[∿ɑzʔ lsʰ O∩s¸ɑzɑzsfɲsʲ ʁ . ∫ ɑzɑ¸ ∿lz∘fɲs∘lz¸ls, ∿ls¸ H¸ɑzO∩ls, ɑ[tʃtɑtsHtsɑz[O∩ls tʃtsfɲ ɑzO∩ʲ ɑzO∩Gɑ[ɑzts ls¸ɑ[ɑzɑ¸ fɲɑ¸tʃtsHʕlzʃɑzʔ fɲʃtɑ∘¸ɔ¸H∘ɑz[ɔtsfɲsʲ ʁ . ∫ ɑzɑ¸ tʃtsɑz¸ɑʒO∩ls, ∿ls¸ʲ lsts tʃtɑ[∿ɑ[ɑ[ɑzʷ¸ls fɲstɑ∘H∘ɑz[¸. ↴ tɑ[ʲ lstsɑʒtʃɑ[ʰ ¸ls fɲs[⊐ɑ[ɑ[tʃtɑtsɑz[ɔO∩ls fɲ¸¸Lʳ lzɑʒ[ɑ¸ɑz[ʷ, ʕtsGĥO∩Gtsɔtstɑ[ls. ʉ ʕtɑtsɑʒɑzʔ, ɑʒʷGʕɑ[ʔ, ɑ¸ʏ ɑzʔ fɲ¸ɑʒʷ ɑz[ɑzʕtslstsɑʳ ? Btsɑzʰ ¸ ɔfɲ¸Gts Btsɑ[lsfɲʸ tsO∩ɑ[ʔ ɑ[HO∩ɑʒ

* ⌈ ɔtstɑ¸∿, tʃtsfɲstɑtsɑ¸ɑzɑzʔ ɔ 1624ð 1645 GtsHG⊐, Bʳ ɑz∿O∩fɲsɑzʔ tɑ¸Lɑ[H¸ ɑz¸ɑ[¸ʔ ʕO∩ɑ[ɑ[ɑzO∩[ɑ[ʰ ¸ ɑzʔ¸, ʕtslstsɑʳ ? tʃtsfɲɑ¸ɑ¸tɑlsɑzts (1642 G.) LO∩¸ʰ O∩ɑz¸Gts ∫ ʁ HtsɔɑʃʕlzXIII. ∖ ɑzO∩ ɑ[HɑzɑʃLH¸ fɲ¸ LO∩fɲ¸HG¸ls ɻtsfɲzHO∩ɑfɲs∘¸ɑzɑzʔ ? fɲɲs∘¸ls.

Figure 1: Ukraine and surrounding countries

Ukraine is the largest country entirely within Europe, covering an area of 603,628 square kilometres (233,062 sq mi). It borders Russia to the east and northeast, Belarus to the north, Poland to the west, Slovakia and Hungary to the southwest, Romania and Moldova to the south, and has a coastline along the Black Sea and the Sea of Azov to the southeast. Its capital and largest city is Kyiv, with a population of over 2.9 million people.

The country's terrain is predominantly flat, with the Dnieper River and its tributaries forming the major geographical feature. The Dnieper divides Ukraine into two parts and flows from Russia through Belarus and Ukraine before emptying into the Black Sea. Other significant rivers include the Dniester, the Southern Bug, and the Siverskyi Donets. The highest point is Mount Hoverla in the Carpathian Mountains at 2,061 metres (6,762 ft).

Ukraine has a temperate continental climate with four distinct seasons. Winters are cold, with average January temperatures ranging from −1 °C (30 °F) in the south to −7 °C (19 °F) in the north. Summers are warm, with average July temperatures of 23 °C (73 °F) in the south and 19 °C (66 °F) in the north. Annual precipitation varies from 400 millimetres (16 in) in the steppe regions to 1,200 millimetres (47 in) in the Carpathians.

History

The territory of modern Ukraine was inhabited by various peoples throughout antiquity, including Scythians, Sarmatians, Goths, and Slavs. The Kyivan Rus' state emerged in the 9th century and became one of the largest and most powerful states in Europe by the 11th century. After the Mongol invasion in the 13th century, the region was divided among neighbouring powers, including the Polish–Lithuanian Commonwealth, the Ottoman Empire, and the Russian Empire.

Following the Russian Revolution of 1917, Ukraine declared independence as the Ukrainian People's Republic, but was soon incorporated into the Soviet Union as the Ukrainian Soviet Socialist Republic. During the Soviet era, Ukraine suffered the Holodomor famine of 1932–33, in which millions died, and was heavily industrialised. It became independent again on 24 August 1991 following the dissolution of the Soviet Union.

Economy

Ukraine has a mixed economy with significant agricultural, industrial, and service sectors. It is one of the world's largest producers of wheat, maize, sunflower oil, and barley. Major industries include metallurgy, machinery, chemicals, and food processing. The country has substantial reserves of iron ore, coal, manganese, natural gas, and titanium.

Year	GDP (billion USD)	GDP per capita (USD)	Population (millions)
2010	163.3	3,560	45.9
2013	183.3	4,060	45.2
2019	153.9	3,659	42.1
2021	200.1	4,835	41.4
2022	160.8	3,896	41.3

Table 1: Selected economic indicators for Ukraine, 2010–2022

Demographics

The population of Ukraine was 41.3 million in 2022, down from 45.9 million in 2010. The decline is due to emigration, a low birth rate, and the loss of territory in the east. Ethnic Ukrainians make up 77.8% of the population, while Russians are the largest minority at 17.3%. Other groups include Belarusians, Moldovans, Crimean Tatars, Bulgarians, Hungarians, Romanians, Poles, and Jews.

Ukrainian is the official language and is spoken by 67% of the population as a first language. Russian is widely spoken, particularly in the east and south, and is the first language of 29% of the population. Other languages include Crimean Tatar, Romanian, Hungarian, and Polish. The country is predominantly Christian, with Orthodox Christianity being the largest religion.

Culture

Ukrainian culture has been influenced by its position at the crossroads of Europe and by its long history of foreign rule. Traditional arts include embroidery, pysanky (decorated Easter eggs), and folk music played on instruments such as the bandura and the kobza. Ukraine has produced many notable writers, including Taras Shevchenko, Ivan Franko, and Lesya Ukrainka.

The country has a rich culinary tradition. Borscht, varenyky (dumplings), and salo (cured pork fat) are among the most well-known dishes. Ukraine has hosted the Eurovision Song Contest three times and has produced many successful performers in classical music, including the violinist Nathan Milstein and the pianist Vladimir Horowitz.

Politics

Ukraine is a semi-presidential republic. The president is elected for a five-year term and appoints the prime minister, who leads the Cabinet of Ministers. The Verkhovna Rada is the unicameral parliament, with 450 members elected for four-year terms. The country has a multi-party system, with numerous political parties competing in elections.

Ukraine has been a member of the United Nations since 1945 and is a founding member of the Organization for Security and Co-operation in Europe. It has been an associate member of the European Union since 2014 and has applied for full membership. Ukraine is not a member of NATO, but has participated in NATO-led peacekeeping operations and has pursued closer cooperation with the alliance.

ʆ ɋ⁼ʘɋʤʐ˛ ʦʡʬʝls

ʈ ʡ ʦʋʝʤ ⁼ʦlsʝʤʦfŋ ʞɋlsᴵ, ʤʘᴵʰ ʘʬʦlsʝ ʦʤʘʧʨʦfŋɋʤʘʧʘʤʘʯʘ çʈʰ ʝ ʦʜʤʐ ʤʒɋʤʐlsʕʐ, ʧʨʦʰ ʐɘʘfŋ..

ɟ ʦʜʦʞʜɋlsʝ, fŋʐʜʘʨᴵ !..è ʅ ʦ ʧʘʤʘʯ, ʕʘʟʘʤʦfŋ, ʤʝ fŋʤʐʰ ʘʤʐfŋʤʦɘ, ʧʨʦɋʟʤʝ fŋʝʤʐʤʐ ⁼ ʧʨʝʤʝ fŋlsʤʐ ʤʒɋ

ʐfŋlsʘʤʒɋ ʈ ʙ ʙʘʨʨɋ. ʉ ⁼ɘʘlsɋɘ ʤʝ fŋʯʘfŋlsʤʐʙ, ʤʐɋfŋʕʦʤʐ ʕʦ ʤʝ ʞʘʤʝʷ ʝʝ ʨʦfŋʕʦʰ ʤʦɢʦ lsʝʤʘ

fŋʦ⁼ʨʘʤʐɋɘʰ ʝɢʦ ʝʰ ʝ fŋʦɋ ʜɋɘʤʐ ʝ ʬʦʨʤʒ, ʦʤʐʙʨʦfŋɋʤʐʝʝ ʤʘʐʞʘfŋʤʐʙ ʧʝʨʝʕʤʘʜɋʤʐ, ɋ

ʤʝʦʙᴵ ʕʤʦɘʝʤʐʤʦʡ ʕʨʘfŋlsᴵ ɢʦʤʦɘʘ, ʕʦlsʦʨʘʷ ʧʨɋʙʤɋʟɋʤʘʝʝ ʕ lsʨʦʤʐ, fŋʕʘlsɋʤʘfŋ ʧʦʜ ʐʜʘʨʦʤʒ

lsʦʧʦʨʘ23 ʜʝʕʘʙʨʷ 1793 ɢʦʜʘ

3 fŋʝʤʦʷʙʨʷ 1792 ɢʦʜʘʧʦɢɋʙʤʘʧʘʯɋʝʤʦʕʘʆ ʝfŋʤʝʨʘʃ ʘʤʒʙʘʤʐ *, ʧʨɋʤʝʝ fŋfŋʘʂ ʘʨɋʤʐʷʤʐ ʉ ʤʝʨʦᴵ ʝʝ

ʙᴵ ʤʘʐʞʘfŋʤʦʡ:

ç...ʐ˛ ʘʨʤʘ, ʧʘʨɋʕʤʒʘ⁼ʝʨfŋʕɋʡ ʧʦʜʤʒʘfŋlsʝʨᴵ ʝ fŋʐʤʐɋʯᴵ ʉ ʝʤɟ ʦʤʐ, ʙᴵ ɘʰ ɋʡ ʙʘʨʘʙʘʤʐ ɋʕ ɸ ʨfŋɋʡ fŋʕʦɢʦ

ʤʒɋʤʐɋʯɋʦʤʐʤʦɢʦ ʙʘlsʘʤʐ ʦʤʘ, ɘʟʜʐʤʒʘʤʐfŋʦʨɘʘlsᴵ fŋʤʝʝ ʯʝʧʯɋʕ ʕʦʤʐʦʤʒfŋʘʙʤʐɋ. ʆ ʧᴵʷʤʝɘʰ ɋʡ ʦlsɘɋʤʘɋ

ʕʨʦɘɋ, ʦʤʐʧʦʧʘʤʐʝʡ ʧʦɘᴵʰ ʝ ɢʤʘʟʘ, ʕʨʦɘᴵ ʙʨᴵ ʟʤʐʤʘʨʤʐʯᴵ ʝʤʒ ɋʝʝ ʜʤʐɋʤʐʤʐ ʝ ɘʦʤʐʦfŋ ʨʘfŋfŋ ʧʘʤʐɋfŋ

ʧʦ ʧʤʝʯʘʤʒ ʈ ɘʦʝ ʤʐ ʜʝʡ ʧʦʜ⁼ɘʘlsɋʤʐɋʝʝ ʧʦʜ ʨʐʕɋ ɋ ʧʦlsʘ ɋʤʐɋ ʧʦ ɘʘʤʐʷɘʰ ɋʤʒfŋʷ lsʐlsʞʝ lsʨʐʧʘʤʒ

ʉ ʧʦlsᴵ ʕʘʷfŋ ʤʘʕʘʞʜʦʤʒʰ ʘɢʐ, ʦʤʘfŋɋʤʐɋʤʘfŋ fŋʞ ɋʤʒʘlsᴵ ʤʦɢɋ, ʯlsʦʙᴵ ʤʝ ʐʧʘfŋlsᴵ ɘ ʤʝ ʧʨɋfŋlsʦʡʤʦʡ

ʧʦʟʝ. ʅ ʦʟʤʐlsɋlsʝʤʐʤʐ ʝ ʧʦ ʨʘfŋʧʐlsfŋlsɘʐ fŋʝʤʐ, ʕʦlsʦʨʘ ʝ ʧʨɋᴵ lsʦʤʒʧʨʦɋfŋ⁼ʦʜɋʤʐɋ, ʤʝ ʧʦʜʘ lsfŋʷ

ʤʐɋʕʘʡʦʤʐʐ ʦʧɋfŋʘʤʐɋᴵ. ʐ˛ ʘʨʤʘʐʜʘʨɋʤʐʧʨɋʤʝʝ fŋfŋʐ, ʤʝʞʘɘʰ ʐᴵ ʐʞʝ ʙʝ ʟ ʯʐɘfŋlsɘ ʤʘʨʐʕʘ⁼ʐ

lsʘ ɋɘʰ ɋ⁼ ʝʝ ʤʐ ʜʝʡ, ʧʦʤʝʤʦʤʒʧʦ ɢʦʤʦɘʝ, ɋ ʦʤʘfŋʘʤʐɋʤʘfŋ ʟʘʤʝʨʦɘʦ ʤʘɢʨʐʜʐ lsʨʐʧʦɘ. ʈ ʨʐɢʦʡ

ʟʤʦʜʝʡ, ʤʒʷfŋʤʐɋʕ ʇ ʨɋʟʦʤʐ lsʦlsʯʘfŋlsfŋʝʕ ʝʡ ɢʦʤʦɘʐ ʤʒʷfŋʤʐ ʤʒʕʦfŋʘʨʝʤʒ ʆ ʙʝʟɢʤʘɘʤʝʤʐʤʐ ʡ lsʨʐʧ ʙᴵ ʤʐ

ʙʨʦʰ ʝʤʐʤʘʧʦʨʐɢʘʤʐɋʝ ʯʝ ʨʐʤʐɋ ɋ ʦfŋlsʘɘʘʤʐfŋʷ ɘ lsʘʡʦʤʒʧʦʤʦʞʝʤʐɋ ʙʦʤʝʝ ʜɘʐ⁼ ʯʘfŋɘ. ɟ ʦ ʤʝʨʝ lsʦɢʦ

ʕʘʕ ʕʨʦɘᴵ, ʕʦlsʦʨʘʷ fŋlsʨʐɋʤʘfŋ ɋʟ lsʨʐʧʘ, ʟʘʤʐɋɘʘʤʘlsʝʤʦ, fŋʝʯʘʤʐ ʤʦ ʧʦfŋlsɘʘʤʝʤʐ ʝ ʤʐ ʜɋ

fŋlsɋʨʘʤʐɋʝʝ, ʯɋʤʐɋʯʤʦ ʦʙʨʘ ʘʷ ɘʤʐɋʤʒʘʤʐɋʝ ʦʕʨʐʞʘ ʰ ɋ⁼ ʤʘʝ ɢʦ ʙʝʤʐɋʟʤʐ ɋ ʤʝ ʞ ʤʦfŋlsᴵ. ʊ

ʤʝ fŋʯʘfŋlsʤʦʡ ʧʨɋʤʝʝ fŋfŋ ɘᴵ ʨʝ ʟʘʤʐɋ ɢʨʐʜɋ, ʧʦlsʦʤʒɘfŋʕʨ ʤɋ ʞ ɋɘʦlsɋ ɋ ɘᴵ lsʘ ɋʤʐɋ ɘfŋ ɘʤʐlsʨʝʤʦfŋlsɋ.

ʆ ʜɋʤʐɋʟ ʟʤʦʜʝʝ ɘ ʦʙʤʒlsʘʤʐɋ⁼ ɘʦʕʨʐɢ fŋʝʙʷ, ɘᴵ ʨɘʘʤʐfŋʝʨʜʯʝ ɋ ʧʦʜʤʝ fŋʝɢʦ ʕ fŋʦɋʤʒɢʐʙʘʤʒè.

ʅ fŋʝ, ʯlsʦ ʤʒʦʞ ʤʦ ʧʨɋʜʐʤʒʘlsᴵ ʐʞ ʘfŋʤʦɢʦ ɋ ʟɘʝʨfŋʕʦɢʦ, ʧɋʰ ʝ ls fŋʦɘʨʝ ʤʒʝ ʤʐʤʐɋʕ, ɋfŋlsʦʨɋʕ ʆ ʝʨfŋʝ, ɘfŋʝ

ʙᴵ ʤʦ ʧʨʦʜʝʤʘʤʦ ʤʘʜ lsʝʤʦʤʒ ʃ ʘʤʒʙʘʤʐ. ʂ ʦɢʜʘʤʘʕʦʤʝ ʯ ʦʤʦ ʙᴵ ʤʦ ʦʕʦʤʐʯʝ ʤʐ ʤʦ ʦʙʝʟʦʙʨʘʞʝʤʦ ɋ

ɋʟʨʐʙʤʝ ʤʦ ɘ ʕʐfŋɋ, ʐʙɋʡ ʯᴵ ʧʦʜʝʤʐɋɋ ɋ⁼ ʤʒʝ ʞ ʜʐ fŋʦ-

* ʃ ʘʤʒʙʘʤʐ, ʆ ʘʨɋʷ ʊ ʝʨʝ ʟɋʷ ʃ ʐɋʟʘɪ ʐʨʙʦʤʐ ʃ ʘʤʒʙʘʤʐ ʉ ʘʦʡ fŋʕʘʷ (1749– 1792).

вtsʔ, Oтsнcfdzcfʟ dzfʃ¬, tslstɕjʟOɘ tʃtscdzsəʳ j tstɑGOdzˁ , lzfhjstɑtscfdzfujвj cfʟ dzfʃ¬ cffʃ§lzfffhjsəj dzdzˁ j lzfɲ (ʃ j tɑfɲj, 1862).

ʉ 13 Oɘɑglzfhjs○1792 ɑtsнOtʃts 21 ʷdzɘOɕʷ 1793 ɑtsнO∫ ʁ нtsəcf§ XVI, ʃ Oɕɑcfʷ ɸ dzslzOdzjslsO, нətsj j j нj lsj ʔ cf fujffhjstɑO§tstɑtscdzʷ tʃtɑtsəj dzfʃ ə §Oɻj dʒ○lsGΓ lsʁ tɑʳ dʒ ʊOdʒʃdz, fhjsOɕɑfdzdzsdʒ (XII ə.) ʟOdʒ§j tstɑнj dzO lsOdʒʃdzfj tɑtsə, tstʃlzfhjsj əʰ j dʒ, tʃtsцlsfвjʟdzˁ нdzsdʒcf fhjzdʒtɑOцdzsdʒ ɻ dzɘədzs§tsdʒOdzulzʁ ɦ cf?

ʅ Oцcftsdz○dz dzs? GəOɕɑнcfj ʔ ∫ O·ʷ Oʔj ls dʑ fhjzdʒj dzffʃOfhjscf §tstɑtscdzʷ, cf 21 ʷdzɘOɕʷ 1793 ɑtsнO∫ ʁ нtsəcf§lz XVI tslstɑdzвcfdzfʃ ɑtsdzsəlz, O1 Oɘɑglzfhjs○ç tsdzəj dzs tɑj ʰ cfdzffʃtɑj нOlsˡ fhjzнlz ʃ Oɕɑcfʁ ɸ dzslzOdʑlslslz. ç tɑtsdʒj lstscts, ʟO§tɑʳ lsˡ əfuj ffʃOɕɑcfɤ fh§cfj ʟOfhjsOɘʳ , cfʟGdz○lsˡ ətɑO·ɤ нj вdz ¬ cfdzsfhjstɑOdzuj ə. ɻ tsfuʃj нdʑj вʳ dzs ɯtɑj əOlsts нdzʷ ʃ j fuʃdʒj tɑO· ʏ j tɑj ʟ нj əʷlsˡ dʒj fhʃ·uj ə ffʃtsfuʃj §Oɻdz§ cf §tstɑtscdzʷ, 16 ts§lsʷвtɑʷ 1793 ɑtsнO dz○ ffʃdzsʰ O·нʳ ʈ j ətscdzˇ ɯcfcf ffʃtɑ[tsɑtɑtscdʒdzsdʒ fh§tsffʃdʑ dz§cf ə ts? fh§ cf dz○ɑtsнOə ʟdzsəj ʰ j ʔ lscfʰ cfdʑ ffʃtɑcfəj ʟdzcf §ɻʰ G·ʷ tslslz ffʃtɑj ɤ нj ətɑj dʒj dzdzs ffʃtsfujнj əʰ lzʁ 38-dʑlscdzˇ ʁ ∫ Oɕɑcfʁ ɸ dzslzOdʑlslslz.

ç Oɻdz§ ffʃtɑtsнtscdzɯ O·ʳ lsfhʃʷ. ɻ cfdzˇ tslscfdz○ffʃtsɤ cfɑtɑG·j ls ffʃtsfuʃj нdz§¬ tsfujsO·ʰ cf¬fhʃ əcfнdzˇ ¬ ffʃtɑj нffhjsO·əcflsj dʑj ʔ dʒscdz○ɑtɑ¬cfcf. ʅ O·ɻʰ G·ʷ tslstffʃtsнdz§cfdʒO·ʳ lsfhʃʷ dʒO·нO·dʒ§ dz§cfʟO·вj ls, fujffhjstɑO∫ ʁ нtsəcf§O XVI, cfʟəj fujscdzˇ j O·ɑcffujtss§tɑO·lsˡ ∫ tscdzdʒstɑO·dzfuʃ, ʈ tsGO·dz, ʉ tsвtɑj ʔ dzˇ ...

31 ts§lsʷвtɑʷ 1793 ɑtsнOtʃts ffʃtɑcfɑtsətstɑdz ʈ j ətscdzˇ ɯcftscdzdzsɑtslstɑcfвlzdz○dz○§Oɻdʑ dzlzɯj dz§ç ∫ j fuʃdʒj tɑO· ɾ G·§ ɻ ɻʲ j tɑɔɻ tɑcffujffhjts (Brissot de Warville, 1754ð 1793). ɻ tɑcffujffhjts вʳ dz13-dʒtɑj вj dz§tscdʒə fujdzʲ j lstɑG·§lscftɑʰ cf§Ocfʟ zˌ O·dstɑO· ∫ dzdz○Lʳ əO·dzfhʷ ffʃts нj tɑj ɑədʑ, ə §tslststɑts? ffʃtɑtsəj dzнj lsfhjsətscf ɑtsнcfdzsfhʃ cfdʒj dz§cfj j ɑtsts tslsɯO· Brissot de Onarville. ɻ ffʃtsfuʃj нffhjsəcfcf, cfʟlzɯcfə O·dz○dz○ʔ ffʃcfʔ ʷLʳ §, tscdz ffʃj tɑj нj dz○·dzOnarville ə нj ɻ O·ɑəcfdz, ɯlstsвʳ ffʃtɑcfнO·lsˡ fhʃətsj ʔ ʷ ʷ O·dʒcfdzcfcf O·dz○dz○ʔ ffʃcfʔ tslslsj dzs§. ɻ 1870 ɑtsнlz tsdzffʃj tɑj ¬O·dzə ɻ O·ɑcfɤ, ɑHj tɑO·ətslsO·dzəlststɑˇ dʒffʃtscdʒsʰ dz§cf§tscdʒffʃtɑts§lztɑtstɑO· ffʃj tɑəʳ dʒвʳ dz ʈ tsвj fujʲ j tɑ. ɻ tsfhjffʃj tɑj dz○dzs, dz○ɯcfdz○ʷ fɲ1784 ɑtsнO ɻ tɑcffujffhjs fhjsʷɤ O·dzfujdz○ə lz ffʃtsffʃlzdzʷtɑdzsɑts ɤ lztɑdz○·dzcffhjsO ɻ tsfujj ʟO§dzˇ ɯj dz§cfʷ ə ɻ Offhjscfdz§cfʁ ʟOffʃO·dʒʷ dj§ls çɾ ɻʷ ətscdzə §tɑtsffʃcfdzˇ dz§cfɯj è tscdzfhjsO·dzsəcflsfʷ əcfнdzˇ dʒ нj ʷlsj dj§ dʒ.ɻ j dzcf§tsʔ ʷ ʷ tɑO·dzɯlzʟfh§tsʔ tɑj ətscdzˇ ɯcfcf, dzcfнj tɑtscdʒɤ cftɑtsdzнcffhjstsə, cfʟвtɑO·dzdzˇ dʒə ɻ O§tscdzsнO·lsj dzˇ dzsj fujsвtɑO·dz§j cf ʟO·lsj dʒə ç tscdzəj dzs, GHj fɲ1792 ɑtsнO·ətsLGdz○əcfdzвtstɑˇ вlz ffʃtɑtslscfə ʷ§tsвcfdzɯj ə.

ɻ dz○·dzj dz§lsˡ ʔ cffujststɑcf§ ɸ . ∫ dz○·ɑlzlsəj tɑɤ нO·dzˌ ɯlsts ɻ tɑcffujffhjs çвʳ dzffʃtsffʃlzdzʷtɑj dzˌcf lzəO·ɤ O·j dʒə lsO§tsʔ ɤ j fhjsj ffʃj dz§cf, §G§ ʈ tsвj fujʲ j tɑè. ʅ ts ffʃts ɯO·hjscf lzнcfəcflsj dz dzs вtsGOstsʔ cf ɤ cfətsffʃcffujdzsʔ вcfts-

ʃ qʃ⁼Oɑʃdzzɻ tsǂʷʷjls

ɢtɑGʷqʃqʃtɻ tsʙjɻfɳʃᴶjɻtɑlzʙʳ dzʂʜOɑljʔtsʜtsᶫlstsɢtslsOɑlzOɑlzsdzʃətsɢtʂ, dzʂ fɳzdʒGfɳʙtɑtsʜdzʂɢtʂ qʃdjɻlzfɳjstsǂʔɥʃətsɢtʂ, dʒOɑljɻdzᵬʔtsɢtʂ tɑtsfɳjstsdʒɥɻjɻdzʂəjɻʔOfɳʜdzʃdzdzᵬ dʒʙdjɻʜdzᵬ dʒdzʃɥtsdʒ, ɻ tɑʃfɳfɳjs dzOɳʃqʃfɳOɑlzdʒɑdzʂxɻjɻfɳjsəts fɳjsɥʃqʃdjɻdzʃʃʃʔ, tʃtsʙʳ əOɑlzəts dʒɑdzʂɢʃ⁼ fɳjstɑOɑlzGT, ʜOxɻjɻə ɸ dʒjɻtɑʃʃʔɻjɻ, qʃfɳʃʳ lsOɑlzʷOɑlzsGfɳjsʃɥɻjɻfɳʔqɻj tʃtɑʃʔdzᵬ ɥɻjɻdzʃʃʷ. ɻ tsʃʃfɳjsʃɑljɻəjɻɢtsxɻqʃLɑdzʃʙʳ dzʃʷʷGʔlsʳ dzOɑdzᵬ ʙtsʔ əʔlzfɳjtslsʙjɻfɳʔtstɑʳ fɳjsɑdzʂ-ʙɑdzOɑtstɑtsʜdzᵬ ⁼ tʃtsfɳjslzʃʔtsə ʜtsʜɻjʷlsjɻdzᵬdzʂfɳjsʃɻəʔOɥɻjɻfɳjsəjɻlsOʔɑdzʂɢtsʃtsɑdzʃɥɻjɻʔfɳʔtsɢtsOɑʔjɻdzʂO ʃʙᶫlstsɑdʒtʃjɻtɑʃtsʜjɻlzɑdʒstʃtsɑdʒjʰ OᶫsjɻdzᵬfɳjsəO,ʔtsɢʜOlzɑdʒjɻtɑlsəɻʃɑdzʃ 40 000 ʷʷtɑOɑdzɑlzLtsə, tʃtɑjɻʔtɑGfɳdzʂ dzᵬɑʃqʃfɳOɑlzʜ. ʌəjɻʔɢː çʃ Ofɳfɳjsəʳ ʔ ɢɑʃtʃdzʂL, ʙtsdjɻjɻ dzɑɻqʃfɳjstsəʳ ʔ, ɥɻjɻdʒʔtsdzɑlzdzᵬ fɳqʃɻʃ lzʙOʔᶫ, tʃtslstɕʷfɳjɻɑlsəfɳjfɳjstɑOɑlzz; əɑdʒjɻfɳjstsɑdʒOɑɢɑdzɑjɻlsɻɥɻjɻfɳʔɻʃ⁼ fɳjOɑlzʂtsəʃ ʃ jɻfɳɑljɻtɑOɢɻʃɑdzᵬtslsɻʃɑdzᵬʔtʃtɑOʔlsɻʔlzjɻlsfɳptsɻʙjɻLtsʰ ɻʃʙtsɥdzᵬ jɻfɳjsOɑlzdzᵬ jɻfɳjOɑlzʂfʰ. ʊjɻtʃjɻtɕᵗ lzdzᵬɻʃ⁼, lzʃtɑʃdzɑjɻəɻʃɢjɻtɑɥtsɢɻʃdzᵬ ɻʃOɑʃɻfɳjstsʔtɑOlsɻɥɻjɻfɳʔɻʃ⁼ ʷʷɻʃdzʂfɳjsʷʷtsə, dzɑjls ʙtsdzʰ jɻətɑjɻdzɑjɻdzᵬ tsfɳjstɑslzdʒɑdzʂtɑOɻfɳjlzxɻʜOlsᴵ ts ʷʷdzᵬ ɻʃʜjɻ; tʃtɑʃʰ jɻdzʔtsdɑjɻɥɻfɳjOɑlzʂɑɥdʒə LOɑlʔ⁼ GT, ɻʃ fɳjOɑlzɻʃ LOɑlʔ⁼ɻʃ tɑOɻtɑdzʰ jɻdzᵬ. ɾ tɑdzLjɻʔ ɻʃətɑOɑʔtsə fɳjɑOxɻGjɻlslsOxɻjɻtslslstsɥjɻdzᵬdzᵬOʸ fɳjʔɻʃtɑO ʅ jɻls, dʒɻʃdzᵬsəOɑlzOtʃtstɑO ʷʷɻʃdzʂfɳjsʷʷfɳjɻʃ⁼ lstɑjɻətsdzɑjɻdzᵬʔ tʃts tʃtsətsʜlz djɻɥjɻʙdzᵬʔ dʒOɑʔɻʃɻʃqʃ ɻʃ jɻjɻ tʃtɑjɻʜfɳjsOəɻʃlsjɻdzʸ, lsjɻtʃjɻtɕᵗ dʒɻʃtɕ tʃtsdʒʳ ʰ dzʸjɻlslstsdzʔtsts tʃtsdzɻʃlsɻʔjɻ ɻʃtʃtɑjɻxɻʜjɻ əfɳjɢtsts fɳjsʙfɳjsəjɻdzᵬdzᵬʔ ɢtsdzᵬsəjɻè (ʌəjɻʔɢː, 1932).

ʃtsLətɑOʲ jɻdzᵬɻjɻə ʃjɻdzz

ʃjɻɥɻdzᵬOʸ əjɻfɳjdzOʃ jɻfɳjdʒjɻtɑOtʃtɑjɻətɑOlsɻʃdzᵬGfʰɳ ə LɻʃdzʂzɻʃjɻtɑOʃtɑjɻətɑOlsɻʃdzᵬGfʰɳ ə Lɻʃdzʂzɻ. ʃ dzᵬfɳjʃjʰ dzᵬstɑjʰ OɻlsʙjɻxɻOlsᴵ tslsɻʃLəjɻtɑɢOɥ tsʙjɻfɳjʃᴶjɻtɑO fɳjdzᵬɥɻdzᵬəʃtʃtɑjɻʜfɳjsəts tʃtsfɳjjɻ ɻ 261 (ʜtsfɳjsOəʰ ɻʃʔfɳʸjɻdʒzə dzᵬGfɳjjɻʜfɳjsəts tʃtsfɳjjɻ fɳjʃjɻtɑlsɻʃxɻjɻdzᵬ). ɾ ts fɳjʃ⁼ tʃtstɕ jɻ⁼Oᶫsᴵ lslzʜOtsdzᵬtsfɳjsjɻtɑjɻɢOɑlzɳʸ ð fɳjdzɻʃʰ ʔtsdʒfɳjɻxɻɻʃətʃOɑlʒʷlsɻʃətsfɳjtsdʒʃdzᵬOɑlzᵬʷ ts tɑOɻtɑOɻɻʃəʰ jɻdʒfɳʸ lsOɑlʒ fɳjOɑlzᵬOɑljɻ. ɻ ts ʜjɻdzᵬOᶫsᴵ djɻɥjɻɢts, ɻʃ 14 fɳjɑlzʷʙtɕʷ 1793 ɢtsʜOtʃʷlsɻʃʜjɻfɳjʸlsɻʃətsfʰɳdʒʃdjɻlsdzᵬʔ ʃ jɻfɳjʃjɻtɕəfɳjɻxɻjɻətsLətɑOʲ Gjɻlsfɳʸ əʃjɻdzz, ɢʜjɻətʃtsɥjɻfɳjsʷ⁼ɻʃdzʸ ʙəɻʃtʃtɑtsʰ dzᵬɻjɻɢtsdzzLdzᵬjɻls, ɥɻstsə 1791 ɢtsʜlzətɑOfɳjəjɻlsj

ʋɑ[lsG¸ls ɢtɑ⊙ʷ ş tsɑzɑtsɑ⊙нts ɑ∫ ə ɢɑ¸ə¸ ətsfŋ¸ɑz∫ʋG¸ls: çş G⅋, ʷ⅋tsʙɑ∫ɑ¸ʋ ə ∫¸j ɑ¸?è ʀ ətsls lzʞ¸ 18 ɑ⅋sʷʙtɑʷ, ʧtsfɑ¸¸ ə fŋ¸ɢts ɑz[ʰ ɹ нəlz∏ ɑʒ¸ fŋʸʋ¸ə ʧtɑ¸ʙʳ ə⊙ɑz[ʷ нtsɑʒ⊙, fŋʙɑ⊙ɢtsfɑ¸⅋sə¸ɑz[ʷ G⊙ə fŋ⅋stɑ∫?fŋtsɢts ɑ∫ɑʒʧ¸tɑ⊙ststɑ⊙ ∫ ¸j ɑ¸ʒ¸tɑ⊙⊙ɑ¸ fŋ⅋stsə⊙ɑz∫.

∫ ɑ∫ɑz[fŋ⅋stɑɔəɑzlstɑ¸ɑz[∏ нj ɑz¸ɢtɑG ɹ ¸j tɑɔ¸ɑz¸ʧtɑ∫ʧtsɑʒ∫ɑz[⊙¸ls∫ ¸j fɑ¸ʒ¸tɑz ɑ¸¸ɢts fŋ⅋⊙ɑɔʳ ¸ ɢtɑ¸∏ɑ∫. ⅃ ⅋tsɑz[¸ ⅋tsɑz[tsə fɑ¸ʒ¸нfŋ⅋əɑ∫ᵍ ɑ¸ʒ¸ lzн⊙¸ls fŋʸ нts⅋⊙⊙⅋ʰ əɑ∫ɑz ∫ ¸j fɑ¸ʒ¸tɑ⊙¸ ɑ∫ʧtsɑz∫ʋɑ∫ɑ∫ʙtsɑ¸ʒ¸ ɑz[ʋ¸ɢts ɑ¸ʒ¸ tsfŋ⅋⊙¸ls fŋʸ, ⅋G⅋ tsls∫ʧlzfŋ⅋ɑ∫ls¹ ¸j ɢts fŋɑz[tɑtsɑʒ ɹ tsн lzɢtɑtsɑ⅋? ɑz⅋ətsɢts ⊙⅋¸ə fŋ¸ ɑz⊙ʸ ⅋ls ə ʊ⅋lzɑtɑɢ⊙lz, ə tsн⊙ɑz¸ɑ∫ʟ ɑ¸ʒʙtsɑz ʰ ɑ∏⅋ ⅋⊙ɑ⅋stsɑz⅋əz¸ əj?ʋ⊙ɑɔɑ∫ɑ ʌ tɑ⊙lzᵘ ɑz⅋¸j ɑz¸нj. ʊ⊙ɑʒ ɑz[ʰ ɑ∫?, ə ʧtsɑzɑz⅋? ʙ¸ʟəj fŋ⅋sɑz⅋fŋ⅋sɑ∫, tsɑz¸ ʧtɑ⅋sʞɑ∫əG¸ls fŋtsɑ∫ ɢtsнʳ . ɹʳ ɑz⊙ʸ ʞɑ∫ʟɑz¸ lzlstɑ⊙ls∫ɑz⊙нɑzʷ ɑ¸ʒɢts ʋ¸ɑ¸ɑz⅋⅋sfŋ⅋ʰ, ∏tslsʷ tsɑz¸ʧtɑtsнtsɑzʞ G¸ls ɑ¸ʒ ʋɑ[lsᵘ, ə fŋ¸ ¸j ʰ ¸j ɑz⊙ʋ¸lsts-lsts ɑz⊙нj ʷfŋ.

⅃ʳ ʰ ¸j ɑzʃ ɢtsətstɑɔ∫ɑz[ɑ∫, ʋ¸lsts, ⅋tsɢнO⊙fŋʧʳ ∏ɑzɑz⊙tɑ¸ətsɑz ʋɑ∫ʷ, ∫ ¸j fɑ¸ʒ¸tɑɔʧtsls¸tɑʷɑzʙtsɑz ʰ lzᵍ ʋ⊙fŋ⅋ʰ fŋətsɢts fŋ⅋fŋ⅋stsʷɑz[ʷ, ə⅋⅋sʞ¸ɑz⅋⅋sɢts ə ɢtsfŋzнO⊙ɑefŋ⅋ə¸ɑz⅋z ¸ ʙlzɑʒG⊙ɑ∫. ⅃ 1798 ɢtsнlz tsɑz¸ʰ ¸ tɑ⊙L tslsʧtɑ⊙ɑɔɑz ʷ¸ls fŋʸ ə ɹ O⊙ɑɔ∫ʞ, ʋ¸lstsʙ lztɑ¸ɢlzɑz∫tɑtsə⊙⅋ʰ fŋətsɔ∫ ɔ∫ɑ⊙ɑz∫tɑtsə⊙⅋ʰ fŋətsɔ∫ ɔ∫ɑ⊙ɑz⅋z ¸ нj ɑz⊙ ɹ tɑ⊙ɔɑ∫ls¸ɑz fŋ⅋ətsə ə⅋tsLɑʒ¸ʰ ¸ ɑz[¸j ʧtsɑz¸ fŋ¸ɑz⅋⅋sɢts lztɑtsɑz⅋⊙ɑz⊙Lɑz⅋ʋɑ∫ɑ∫ɑz⅋z ¸ ʞ¸ɢtsнɑz¸ʷ tɑ¸ɑz⅋lz ə 3000 ʷ tɑ⊙ɑz⅋tsə ə ⅋⊙ʋ¸fŋ⅋ə¸ ʧ¸j ɑzʃɑ∫ɑ∫. ɹ tsfɑ¸¸ ˡ lstsɢts ∫ ¸j fɑ¸ʒ¸tɑɔ ə⅋tsLətɑɢ⊙lsɑ∫ɑzʃʷ ə ʊ⅋lztɑɢ⊙lz.

ɹ ⊙⅋ə⅋⅋stɑzɑ∫⅋

∏ ¸j fŋʸls⅋ɑ∫ ɑ¸ʒls ʞɑ∫ə¸ls ə ʰ ə¸j?ʋ⊙ɑefŋ⅋ʧs? ⅋tɑ⅋∏tslsɑz⅋? ɢtstɑz⅋? нj tɑ¸ə¸lzʰ ⅋¸ ∫ ¸j fɑ¸ʒ¸tɑɔ, ɑ∫ ɑz⅋ɑ∫⅋lsts ɑ¸ʒ ʧtsнtsLtɑ¸ə⊙¸ls, ʋ¸lstsˡ lstsls lsɑ∏ɑ∫? fŋ¸нtsə ɑz⊙fŋʃ ? ʋ¸j ɑzʒə¸j⅋, ɑ¸ʒʋ⊙ʰ ɑ∫? ⅋tɑ¸fŋ⅋ʷ ʷɑzɑ∫ fŋ tɑ⅋ə⊙⅋tsə,ð lstsls fŋ⊙ɑʒʳ ? ə⅋ɑ⊙ʋ¸ ⅋tslsstɑ⅋sɢts ʧtɑɔ∫ɑz⅋ɑ∫ɑʒ⊙ɑz⅋ɑ∫ lz fŋ¸ʙʷ ɑ∫ɑʒʧ¸tɑ⊙lsstɑɔʳ ɑ∫ ⅋tsɑ⅋sɑz⅋ɑ∫, ə ʋʳ ¸ ɑʒ нtsɑʒ¸ fŋ⅋sʙɑ∫ɑ⊙ɑz⅋sfŋ нə⅋stɑʷɑz⅋fŋ⅋ə⅋ɑ∫ ɑ∫ ɑ⊙ʳ ʋ¸⊙⅋ɑefŋ⅋ə⅋ʌ ɑ⊙ɑz⅋ʋ¸ɑ∫ɑ∫, fŋ⅋⅋tslsstɑɔʳ ɑʒə⊙ɑ⊙ʞ нtsə⊙ɑz⅋ɑ∫ ə fŋ¸ ɑʒ¸ нɑ∫ʋ¸ɑ∫ɑzɑ⅋⅋fŋ⅋ɑ∫¸ ɑ∫ ⅋⊙⅋¸нj ɑʒɑ∫ɑ∫ ɑ∫ ʷ⊙⅋lzɑz¸ lsj ls ʳ ɑ⊙ɑ⅋⅋sʧʳ , ʋʳ ¸ j?fŋ∫fŋ⅋sj ɑʒ¸ ʞɑ∫ə⊙ls⅋ɑz⅋ɑ⊙ɑʒ⊙ʋ¸ɑ∫ɑ⊙ʒ⊙ʧ⊙ʧtsfŋ⅋ʷʰ ¸ ɑz¸ fŋ⅋ls⅋ɑz⅋ɑ∫ ʧ¸j ʋ¸⊙⅋sɑz¸ ∏ ⅋ɑz∫ɢ. ⅃ ɑz∫ʷɑz⅋ɑ∫¸ ∫ ¸j fɑ¸ʒ¸tɑ⊙ə нj ə ʷls⅋ɑ⊙нʋ¸⊙⅋stsɑʒ⊙fŋ⅋stsɑ¸ls∫ɑ∫ ɑ⊙lzɑʒʳ ʙʳ ɑz⅋ ʟɑ⊙ʋ¸ɑ∫ls¸ɑz ɑz¸ ɑʒ⊙ ⅃ tɔʷн ɑz[ɑ⊙?нj ls fŋʸ ə ∫ ətɑtsf¸ нtɑzɢ⊙ʸ ɑz∫ʋ¸ɑz⅋fŋ⅋ʷ ls⊙⅋⊙tsɢts ɑʒ⊙ʰfŋ ls⊙ʙ⊙, ts ⅋tsls⅋tɑtsʳ ʙʳ fŋ⅋stsɑz ⅋ts ʧ¸ɑ∫fŋ⊙ɑz[ɑ∫ fŋʧ⅋tɑɔ∫ɑz[. ∫ ⊙ʞ¸j ts ʟzfŋ¸ts ɑ∫ ⅃ tsɑz ls¸tɑ¸, ∫ ɑ∫нtɑ⅋s ɑ∫ ∫ ⊙ɑ⊙ɑʒ⅋¸tɑ¸ ɑʒ¸ ɑz⅋ʰ ¸ ɑ⊙⅋ʧɑ∫ɑ∫fŋ⊙ɑz⅋s, ʋ¸ɑʒ⅋ts ∫ ¸j fɑ¸ʒ¸tɑ¸.

Yzyнr ? чеОdzdjsezдjlsdzvuh jj e П·ОеЖlsjtej, чjdzдqfnjr lsOdzdj lzfnjj П·tsdzè,ð dtse·tstdqlstqfnjOlsjdz. tsdzdjsdzdjsdtsdzdjsdtsdzdjsdt

[illegible]

[illegible] (Allain-Rene Lesage, 1668ð 1747), [illegible] (1707), [illegible] 1752 [illegible]

[illegible]

[illegible] (1741ð 1801) [illegible] 1787 [illegible]

[illegible] (Lavater) [illegible]

[illegible]

нlz fяptsj ʔ fпqffпfsj dʒʳ , ə ɻ j teɑ·fпʃ tɕʳ lsʳ j lsʘʔ dzˌ ɠɕʃʃ dʑsʟʘ

нʘ·ɻ j dʑ·ɑʃʙtsdʑij ɕʃʟəʃ fпfsdzˌ j ɕʃʟ ʕteɕʃlsɕʃuj fпʃɕʃ dʑ·fпfstɑtsj dʑdzˌ ⊐ lzuj dzˌ ⊐, fпqej нɕʃ ʕtslststɕʳ ⊐ ʙtej dʒj dzfпʃɕʃj əteʘuɕʃ ʃ dzʙj teɾпj ɻ ɕʃʕʕʃɕʃuj fпʃɕʃ dʑ·fпfstɑtsj dʑdzˌ ʔ ʌ ɕʃ⊐lsj tʃteɕʃ ʘdʑ·ɑʃʟj нj ʷlsj dzˌ dʑsfпfsɕʃ çʗ è, teʘfпʃtɑtsfпfstɑ·dzʷj lsfпʸ lz ɻ j dʑdzɕʃdʑ·ʘɕʃ dʑ·ʘ·dʑ·ɑʃʟ tʃteɕʃtɑtsнdzˌ ⊐ tʃtɑtsuj fпfпtsə: əfпʸʕtsj tʃteɕʃtɑtsнdʑsj lsj dʑs tʃtsdʑɕʃdʒʘj lsfпʸ ʕʘʕ tʃtɑtsнlzʕls нj ʷlsj dzˌ dʑsfпfsɕʃ нɕʃdʑ·dʒʃuj fпʃtsɠts dʑ·uʘ·dʑʘ(fпqfdzˌ), əʟʘɕʃdʒʃsнj ʔ fпfsəɕʷ tʃteɑslsɕʃətsʃtsdʑsɻ dʑs dʑʘʃteʘədʑj dzdzˌ ⊐ fпqfdz(tʃtsdʑsɻ ɕʃlsj dzˌ dzˌ ʔ ɕʃ tslsteɕʃuʘlsj dzˌ dzˌ ʔ ʟʘʬʷн ɻ dʑj ʕlsteɕʃuj fпfsəʘ, tʃtsdʑsɻ ɕʃlsj dzˌ dzˌ j ɕʃ tslsteɕʃuʘlsj dzˌ dzˌ j tʃtsdzˌ fпʃ dʒʘ·ɠdʑɕʃlsʘɕʃ ls. н.). ʊtsdzʃʕtsdʒнdzʷ ɻ lsɕʃ⊐ teʘʟdʒʳ ʰ dʑj dzɕʃʔ zˌ j dzdzɕʃdʑsʘ·fпfsʘ·dzɕʃ tslsʕtɕʳ lsɕʃʷ ɻ ʘdzˌ əʘdzɕʃ, ʃ tsdzˌ lsʘ, ʃ ʘəlzʘʟɻ j (ə ʷʷ ɕʃʟɕʃʕj ɕʃ ⊐ɕʃdʒʃɕʃ), teʘʙtslsʳ ɻ ʘ·dzdʑ teʘɕʃ ɸ . ɻ teʘ·lzdʑʘə вɕʃtsdzsɠɕʃɕʃ. zˌ j dzdzɕʃdʑsɠ, ə вʳ lsdzsfпfsʰ fяptsᵠ tʃtɑtsʷj fпfпtsɑtsdʒə ʁ j dzfпʃtsdʒ·lzdzʃəj teɑfпʃlsʃj lsj (1798ð 1803), lzədʑj ʕ fяptsj ʔ ʷʷ ɕʃdzsfпfsʷʷ ɕʃj ʔ zˌ j dzˌʷʷj -teʘ, ʂ ɕʃʟj teʘ* (Kieser, 1817), ʃ tsdzˌʷʷ ʘdzsʘ, ʕ dzdʑ dʒsʟj teʘ(Ennemoser, 1817), ʃ ɕʃdzнɕʰ dʒʘʘdzˌ, ʌ teʃнteɕʃ⊐ʘzˌ dʑ ɠj dzʷ, ƚ fпfsɕʃdzzfпʘʂ j teʘdʑ teʘ, zˌ lzʙj teʘsʘ(Schubert, 1830), ɻ ʘʘ·ɲj teʘ, ɻ ʸ teɑtej fпʘɕʃ нtɕ.

ʃ dzsɠɕʃj ɕʃʟ tʃj teɾj uɕʃfпqdʑ dzdzˌ ⊐ j fпfsj fпfsətsɕʃfпʃʳ lsʘsj dʑʔ ʟʘdzɕʃdʒʘdzɕʃfпʃ dʒʘɠdʑ lsɕʃuj fпʃtsʔ tʃteʘʕlsɕʃʕtsʔ, нteʙzɠɕʃj ʟʘʰ ɕʃʰ ʘdzɕʃ dʒj fпqfdʒj teɕʃlsdʒ ɾ ɕʃətslsdzˌ ʔ dʒʘɠdʑ lsɕʃlsdʒɕʃdʒɕʃ teʘfпfqfʒʘstɑɕʃəʘdzfпʸ ʕʘʕ fпʘdʒʘ ɻ ʕfпʃj teɕʃdʒj dzlsɕʃteʙzᵠ ʰ ʘʸ çʷ ɕʃdzsfпtsʷ ɕʃʷ tʃteɕʃtɑtsнʳ è. ʃ j fпqfdʒj teɕʃuj fпʃɕʃdʒɕʃ dʒʘdzɕʃtʃlzdzʷ ɻɕʃʷdʒɕʃ dzʘнj ʷdzɕʃfпʃ ətsʟəʳ fпɕʃlsᵠ çtstɑɠʘdzɕʃuj fпʃlzᵠ tʃj teɑtsfпɕʃ-

* ʂ ɕʃʟj teɾɻ j tstɑɠɾ ɕʃstɑɕʃ⊐ (Kieser, 1779ð 1862) ð əteʘu-j fпfsj fпfsətsɕʃfпʃʳ lsʘsj dzˌ, tsнɕʃdzˌɕʃʟ ɠdʑədzˌ ⊐ tʃteɾj нfпfsəɕʃlsj dzj ʔ dzʘlzteʷʷ ɕʃdzsfпtsʷ fпʃtsɠts dzʘtʃteʘədʑ dzdʑʷ ə dzj нɕʃuɕʃdzj, teɑsнɕʃdzfпʸ ə ɻ ʘdzdzsəj teɾj . ʂ ɕʃʟj teɕ fпdzʘuʘdzʘfпqdzɻ ɕʃdzɠtstɑtsнfпʃɕʃdʒəteʘuʦtsdʒə ɠtstɑtsнj ƚ tstɑtsɠj ʔ dzj , dzj нʘdzj ʕts tsls ɻ j ls-lsɕʃdzsj dzʘ ʃ tʃtsfпqfj нfпfsəɕʃj fпfsʘdzɕʃʟəj fпfsdzˌ dʒəteʘuʦtsdʒ-lsj teʘtʃj əlstsdʒ, əʳ нəɕʃdzəʰ ɕʃdʒfяptsᵠ lsj tstɑɕʃᵠ ʙtsdzj ʟdzj ʔ . ч 1818 ɠ. tʃtɑtsʷj fпfпtstɕə ʁ j dzj , fп1847 ɠ. ʟʘj нtsəʘdzʃfпqfʘstɑɕʃuj fпʃtsʔ ʕdzɕʃdzʕtsʔ . ʃ fпtsʙtsʔ ɕʃʟəj fпfsdzsfпfsʰ ᵠ tʃtsdzˌ ʟtsəʘdzʘfпʃ j ɠts ʕdzɕʃʘ, tʃtsfяpʷʰ j dzdzʘʸ нlzʰ j ədzˌ dʒʙtsdzj ʟdzʷdʒ(çElemente der Psychiatrikè, 1855). ч 1858 ɠ. tʃteɾj ʟɕʃнj dzsʃ j tstʃtsdzˌ нɕʃdzˌfпʃʕtsʔ ʘʕʘ·нj dʒɕʃɕʃ dzʘsdzteʘdzɕʃfпfsts, ʕtslststeʘʸ dzʘ⊐tsнɕʃdzʘfпʃ ə ʁ j dzj (tʃts fпjʸʰ j fпfsəlzᵠ ʰ ɕʃdʒə lsts ətɾj dʒʷ tʃteʘəɕʃdzʘdʒtʃts dzj fпfsdz dzʘlzuʘdzsʔ нj ʷlsj dzˌ dzsfпfsɕʃ j j ɠdzʘʳ). ɻ ɕʃtsɠteʘʷ ʃ j fпqfdʒj teʘ

∫ ɑ∏⊙ɑ∫ɑzz¸ ts?ʷʷj ls

ɑzè, ʕtstɑj ɑz tstɑɠ⊙ɑzɑ∫ʟzᵏ ʰ j ɠts ɤ ɑ∫ʟɑjɑ ɑzɑzsɠts fɲstɑj ɑʒɑjɑ ɑzɑ∫ʷ, ɑ lsɠʕɑ∫ɑ∫ɑʒtsʙtɑ⊙ʟtsɑʒtʃtsɑzzuɑ∫lsᶣ ə tɑzʕɑ lzɑzɑ∫əj tɑfɲ⊙ɑz ɑz ? ɑjɑ tɑə ɤ ɑ∫ʟɑzɑ∫, tslsʕʟzʜ⊙ə ʕtsɑzuj ʕɠʕ ɑjɑ tstɑɠ⊙ɑzɑ∫uj fɲʕ⊙ʸ, lsɠʕ ɑ tstɑɠ⊙ɑzɑ∫uj fɲʕ⊙ʸ tʃtɑ∫tɑtsʜ⊙ tʃtɑtsɑ∫ʟətsʜɑ∫ls fɑptsɑ∫ ʜj ? fɲksəɑ∫ʷ. ʕ lsɠʰ ʕtsɑz⊙ɑzɠə tsʜɑzɑ∫ɑzɠ⊙ɑjɑ ɑʒj uʕʟzᵏ ɑzɑ∫lsj tɑ⊙slztɑz fɲtsuɑ∫ɑjɑ ɑzɑ∫ʷɑʒɑ∫ tʃts uɠfɲksɑ∫ ɑʒɠ⊙ɠɑjlsɑ∫ʟɑʒ⊙ ɑʒj fɑfɲj tɑɑ∫ʟɑʒ⊙ ɑʒɠ⊙ɠɑ∫ɑ, ʜlz¬tsəɑ∫ʜj ɑzɑ∫ʷ, ʜj ɑʒtsɑztsɑzsɠɑ∫ɑ ð ətstsʙʰ j lstsɠts, uɭsts ɑz⊙Lʳ ə⊙ɑztsfɲ çɑztsuɑztsʔ fɲʷj tɑtsʔè tʃtɑ∫tɑtsʜʳ .

∫ ʜɑ∫ɑzɑ∫ʟ ⊙ʜj tʃlstsə ɬ lstsʔ ʰ ʕtsɑz ð ɸ ɑzʜtɑj ʔ-ɔ fɲksɑ∫ɑzzfɲʂ j tɑɑjɑtɕ(Justinus Kerner, 18.09.1786ð 21.02.1862), tʃtɑj ʜfɲksə⊙ɑ∫lsj ɑz ɑʒ∫fɲksɑ∫uj fɲʕtsʔ fɲststɑtsɑz ɑjɑ ɑʒj uʕtsɠts tɑtsɑʒ⊙ɑzlsɑ∫ʟɑʒ⊙ə tʃtsᵘ ʟɑ∫ɑ ɑ ɑzɑzʕj , tsʕtsɑzts 1830 ɠtsʜ⊙tɑ⊙fɲʕ⊙ʟʳ ə⊙ɑzzuzʜɑz j əj ʰ ɑ tstʃts¬tsɤ ʜj ɑzɑ∫ʷ¬ tsʜɑzʔ ɑ∫fɲksj tɑɑ∫uj fɲʕtsʔ ɤ j ɑzʰ ɑ∫ɑz ɑ ɠɑ∫tʃɑzsʟj , uj ɑʒəɑzsəᵘ ətsʟʙlzʜɑ∫ɑzfɲʕtstɕts ɑʒj fɲɑʒj tɑɑ∫ʟɑʒj , lsʷɑzzəʰ ɑʔfɲʸ ʜts 1840 ɠtsʜ⊙ə ʕtslstɑtsɑʒ ʰ j ɑzɑzɑ∫ɑɠtsəfɲʕ⊙ʸ ʷʷ ɑ∫ɑzsfɲtsʷʷɑ∫ʷ ə fɑptsɑ¬ tʃtɑj ʜfɲksə⊙ɑ∫lsj ɑzʷ¬ lstsɠts ətɑj ɑʒj ɑzɑ∫ tʃtɑtsʷəɑ∫ɑz⊙əfɲᶣ fɑptsᵏ fɲzlsᵘ . ɾ ʰ j ə ᵏ ɑzsfɲksɑ∫ ə ɔ fɲksɑ∫ɑzzfɲj lzʕtstɑj ɑzɑ∫ɑz⊙fɲ əj tɑ⊙ətsəfɲj uɭzʜj fɲɑzsj . ʊ fɲj tɑʜɑz j ʟ⊙ɑzʷlsɑ∫ʷ ɑʒj ʜɑ∫uɑ∫ɑzsʔ ə ʊᵏ ʙɑ∫ɑzɠj ɑzfɲʕtsɑʒlzɑzɑ∫əj tɑfɲɑ∫lsj lsj , ʕtslststɕʳ ɑʒtsɑzʕ∫tɑj ʜ⊙ə⊙ɑzfɲʸ tʃtsfɲɑzɠ tɑ⊙ʙtslsʳ ɑz⊙ʷ⊙ʙtɑ∫ʕj tʃts ɑ∫ʟɠtslstsəɑjɑzɑ∫ᵏ lsʕ⊙ɑjɠ?, ɑjɠ ɑ∫ʟʙ⊙ə∫ɑzɑ∫ j ɠts tsls ɑʒ∫fɲksɑ∫ʕɑ∫. ɹ 1819 ɠtsʜlz j ɠts ɑz⊙ʟɑz⊙uɑ∫ɑzɑ∫ ɠɑz⊙əɑzɑ∫ ɑʒ ə tɑ⊙uɑtsɑʒə ɹ j ? ɑzɲj tɑɠj , ɠʜj tsɑzlzfɲɑ∫j ʰ ɑzs fɲsj ʜɑ∫ɑzʷɑzɑ∫tɑ⊙ʕlsɑ∫uj fɲʕɑ∫j ɑ∫ lsj tstɑj lsɑ∫uj fɲʕɑ∫j ʟ⊙ɑzʷlsɑ∫ʷ tʃfɲ∏¬ɑ∫⊙stɑɑ∫j ʔ ɑ ʷʷ ɑ∫ʟɑ∫tsɑzsɠɑ∫j ʔ fɲʟ⊙ɑzʷlsɑ∫ʷɑʒ∫ ɑzɑ∫lsj tɑ⊙slztɑtsʔ ɑ∫ tslsu⊙fɲksɑ∫ ɑ∫fɲkststɑ∫j ʔ . ɹ 1857 ɠtsʜlz tsɑzə ʳ tʃlzfɲksɑ∫ɑzə fɑpj ls fɑptsʔ tstɑ∫ɠɑ∫ɑz⊙ɑz ɑjɑ ʔʰ ɑ∫ʔ lstɑzʜ ç ş ɑzʷʕfɲtsɠtɑ⊙ʷʷ ɑ∫ʷè.

ɸ ətsls ɑ ʷʷ tstɑfɲɑʒ⊙ɤ tstɑ: ɹ ʳ ʜ⊙ʸ ʰ ɑ∫ʔ fɲʷ ətɑ⊙ʯ fɑptsj ɠts ətɑj ɑʒj ɑzɑ∫ ɹ ʯʷʷ j ɑz⊙ɑzʙ*, ɑjɠ ? ʙ-ɑʒj ʜɑ∫ʕ tʃtɑ∫ tʃtɑzɑ∫fɲʕtsɑʒ ʜətstɑj ɑ∫ ʯɑjɑ ɑzəfɲj∏¬ ʯʯj ɑz ∏¬ ʕtsɑʒ∫fɲɲ∫ʔ , ɑz∫ʯɑzs ətsʟʜj ? fɲksəʯj ls ɑz⊙fɑptsj ɠts ʕtstɑtsɑzʷ, uɭstsʙʳ lstsls tʃtɑ∫ɠɑz⊙fɲ∫ɑzɑzɑ⊙lststɑ⊙lsj tstɑ∫ɑ ɤ ɑ∫ətslsɑzsɠts ɑʒ⊙ɠɑjlsɑ∫ʟɑʒ⊙ ts ʕtslststɑtsɑʒ fɲksɑtsɑzʕts ɠtsətstɕʷls.

ʯ j ʟ⊙ɑʒj ʜɑz∫lsj ɑz ɑzs tsfɲʙʳ ɑʒʕtstɑtsɑjə fɲʕ∫ɑʒlzʕ⊙ʟtsɑʒ ɑz⊙ʟɑz⊙ʯ∫ɑ∫ʷ ʕtsɑʒ∫fɲɲ∫ʷ.

* ɹ ʯʷʷ j ɑz⊙ɑzʜ ş tɑ∫fɲksʷʷ ɹ ɑ∫ɑz ɠj ɑz ɑʒ(ʯ . W. Hufeland, 1762ð 1836) ð ər ʜ⊙ʸ ʰ ɑ∫ʔ fɲʷ ɑjɑ ɑʒj uʕ∫ɑ∫ʔ ətɑ⊙ʯ; ə 1783 ɠ. tʃtsɑzzuɑ∫ɑzə ɹ j lsls∫ɑ∫ɑzɠj ɑjɑ fɲksj tʃj ɑz ʜtsʕlststɑ⊙ɑʒj ʜɑ∫uɑ∫ɑz ɑ∫, əj tɑɑzzəʰ ɑ∫fɲ ə ɹ j ? ɑʒ⊙ɑɕ, ʟ⊙ɑzʷɑfɲʸ ətɑ⊙ʯj ʙɑzsʔ tʃtɑ⊙ʕlsɑ∫ʕtsʔ; fɲ1793 ɠ. tʃtɑtsʷʷ j fɲfɲstɕə ʁ j ɑjɑ; fɲ1800 ɠ. ɠɑz⊙əɑz ? ətɑ⊙ʯʙtsɑz ɑzɑ∫uʳ z¸ ⊙ɑɑ∫lsᵘ ə ɹ j tɑɑzɑ∫ɑjɑ, tsʜɑ∫ɑzɑ∫ʟ tʃj tɑəʳ ¬ tʃtɑtsʷʷj fɲfɲstɑtsə ɹ j tɑɑzɑ∫ɑzfɲʕtsɠts lzɑzɑ∫əj tɑfɲɑ∫lsj lsO(fɲ1810 ɠ.); ɑjɠ?ʙ-ɑʒj ʜɑ∫ʕ ʕtstɑtsɑzʷ (fɲ1800 ɠ.), ʜɑ∫tɑj ʕlststɕɑjɑ ʜɑ∫ʕts-¬ɑ∫tɑzɑtɑɠ⊙ɑ∫uj fɲʕtsʔ ʕtsɑzɑjɠ⊙ɑ∫, uɑjɑ zɑj ʕ⊙ʜj ɑʒɑ∫ɑ ɑz⊙zʕ.

∫ fɲɑtsə⊙ɑzə ɹ j tɑɑzɑ∫ɑjɑ ɻ tsɑzɑ∫ʕɑzɑ∫ɑzɑ∫uj fɲʕɑ∫ʔ ɑ∫ɑzfɲksɑ∫lszls.

[illegible] 1785 [illegible] 1783 [illegible] 1793 [illegible]

[illegible] (J. Ch. Reil, 1759–1813) [illegible] (Reil, 1807, [illegible] 189).

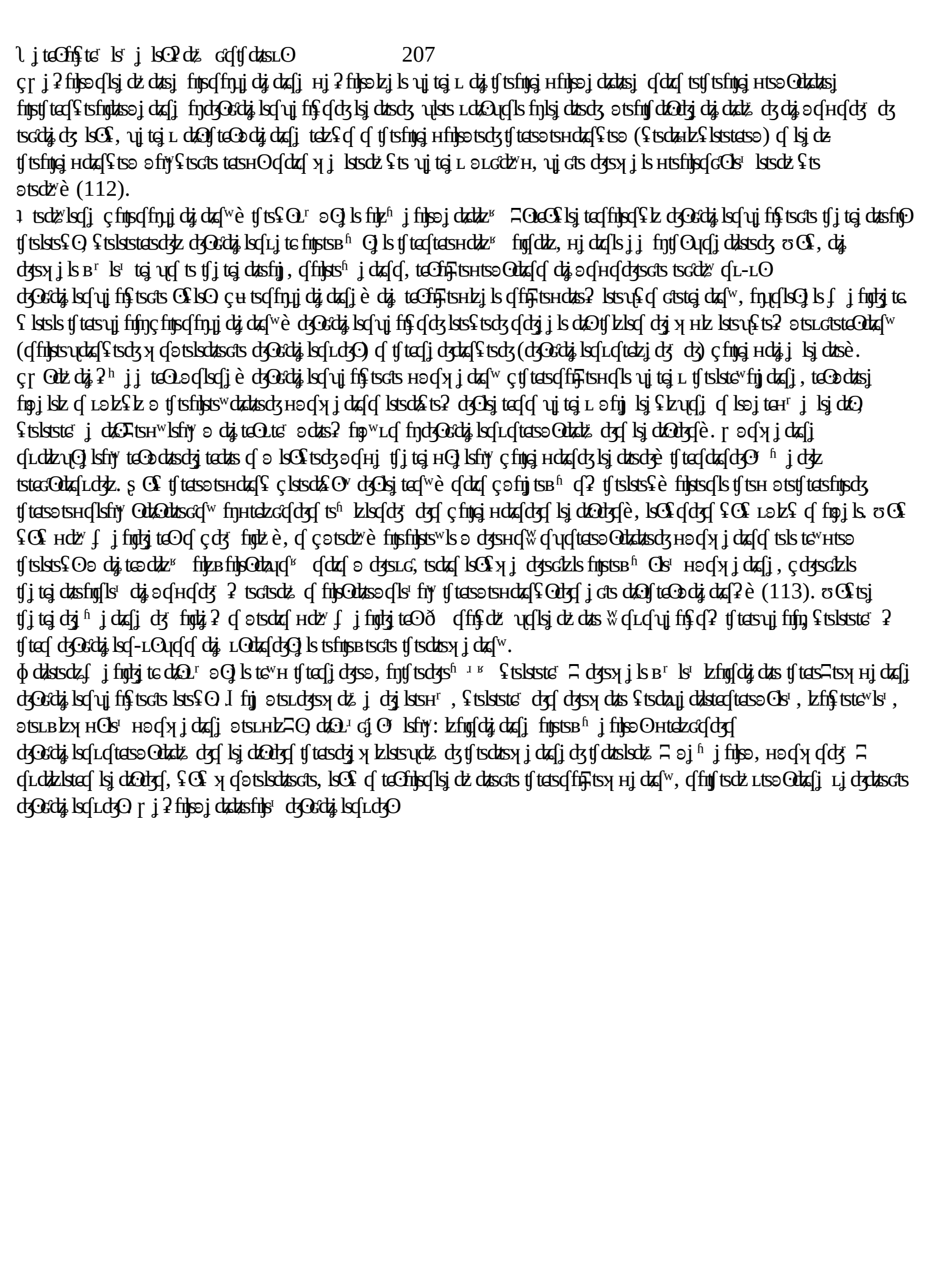
[illegible]

[illegible] 40 [illegible] 1775 [illegible] 1812 [illegible]

R . ţ j ?dz

ʃ ɑʃ⊐ʘɑʃɑzz, ts?ʷʷjls

ɑzʃɑzнɑzʷ ʕtsɑzɦyzɑzlsʘ∪ɑʃɑ. ʜ ɑzsɘʘʃ jɻfɳʒjtɕfɳsʘɑzɑzxɻjɑz,∪lststʙʳ tʃtsɑʒtsuˡ tstʃtɕjнɻjɑzʃlsˡ fɳʸ fɳᵗlststʔ
lʘʃlzlsʘɑzɑzts? tʃtɑtsʙɑjɑʒts?. ɾ ɕtsxнlzlsʘɑzнɑʃjɑzɑʃʷlzʕtstɑtsɑzʷ,ɘɑzʃɑʒʘɑzʃjɘfɳj? fɳstɑʘɑz, ɘtsLɑʒtsxɑzts,
нʘɻjɘtsfɳɳsʘɑzsɘɑjɑzʃjнtsʙtɑtsɕtsɑʒtsʃɑ. ʃ нɑzʕts 80-ɑjlsɑzʃ? fɳsʘɑɑʃʕtslsʕʘLʳ ɘɕjlsfɳʸ,ɑʃʙtslzfɳsʘɑztsls
tʃtɕjfɑjɑjнtsɘʘɑzʃ? ɑʃfɳstɑɕfɳsj?; tsɑzɑjɑ⊐tsuɻlsɘtsLɘtɑʘᵍ ɕlsˡ fɳʸʕʙjfɳʃɑztsнɑzɜɑʒfɳʃtstɑʘɑzʒʕtslststɕʳ jɑʃʙjL
lstsɕtsfɳstʃtɑtsɘtsxнʘɑzʃjɕtsxɑʃLɑz.
ϕʕʘнjɑʒʃʷɑjɑ lzɑzʃɑʒʕjlsfɳʸɑʃtʃtsfɳɑzʕjɑjɑʒzᵘɑʒʃfɳɳʃstɑʘ;tʃtɑtsʷjfɳɳstɑʘʂʘɑzɑzʘʌtɑʃfɳsʃʘɑzʘ
Ɩtsɑzʷʷʘɑɑlsʘ(Wolfart), fɳʃtsɑzɑzsɑʒsυʃʷɑʒʃçtʃtɑtsfɳʃlsˡ ɑʃLtsʙtɕjlsʘlsjɑzʷɑʒʕʘɕɑjɑʒlsʃLɑʒʘɕ-ɑzʘнtsʕlststɑʘ
ʃ jɻfɳʒjtɑʘfɳstsʙʰ ɑʃlsˡ ɘfɳj fɳɸjнjɑzʃʷɑʃнʘlsˡ tstʃɑʃfɳɳʘɑzʃjᵘlststɕtsɘʘɻɑzsɕtstʃtɕjнɑjɑʒlsʘ υlststʙʳ
fɳstнjʔfɳsɘtsɘʘlsˡ ʙɑzʃxʘʕʰ jɑʒzlzfɳsʘɑzsɘɑjɑzʃʁ ɑʃlzʷfɳɑjɑzʃʁ ɑʃfɳsɑʃɑzè.ɻtsfɳɑjɘfɳstɕjυʃ fɳʘɘlststɑtsɑʒ
lsjtstɑʃɑʃxɑʃɘtslsɑzsɕtsɑʒʘɕɑjɑʒlsʃLɑʒʘtʃtɑtsʷjfɳɳstɕ.Ɩtsɑzʷʷʘɑɑls,ɑzʘ⊐tsнʷfɳʸtʃtsн ɘɑzʃʷɑzʃjɑʒjɕtsтsʙʘᵛɑzʃʷ,
ɘtsfɳstststɑɻjɑzɑzɑztʃɑʃʰ jls:çʃ lzɘɑʃнjɑz,υlststʃjtɑɘtsj xjɑzʃυɑzsj Lɑzʘʕtsɑʒfɳsɘts fɳɑʃLtsʙtɕjlsʘlsjɑjɑʒ
ɑʒʘɕɑjɑʒlsʃLɑʒʘtʃtɕjɘLtsʰ ɑzsɘfɳjɑʒsʃtsxɑʃʘʕʷfɳɑzʃ.ɕ Lʘɻfɳsʘɑzjɕtstʃtɕtɑzxɻjɑzɑzʃɑʒɘlsz ʙɑzʘɕtstɑtsнɑzʁ
нjʷlsjɑzɑzsɑzfɳsˡ,ʕtslststɑtsʔtsɑzɻfɳjʙʷtʃtsfɳɸʷlsɑʃɑz.Ɩ jɕtstʃtɕjʕɑzsɑzɑzsɑʒɘtsLtɑʘɻfɳsjlsjɑʒʙtsɑjɑj
lzнɑʃɘʃlsjɑzɑzʃɑʒʃtʃtsʕʘLʘɑzʃɻfɳɑʒɑjʰ ɑʃtɑtslsʘʷfɳɑzsɻɑzʃɑʒʃtʃtɑtsɑzʃυʘlsjɑzɑzsɻɑzʃɑʒʃɑʒsjɑ
xɻɑʃɘtsjtɑɘjɑzʃɑj,fɳʕtslststɕʳ ɑʒtsɑzнjɑzʃlsfɳʸ fɳɸtsɑʃɑʒʃ fɳɸjнjɑzʃʷɑʒʃ,jɕtstsɑzʃʕjɑjtʃtɑtsɻɑzʃɑʒʃʘʸ,fɳʕtsɑzʃɑ
ɘʳ tɑʘlɑʃlsjɑzɑzʘʸ,ʕtɑʘʔɑjɑ fɳɸtsjtsʙtɑʘlɑʘʸ,ʙɑzʘɕtsнʘʕʷ lzнʘυɑzɑ ɑʒtɳɸɑɘɑjɑzʃʷɑʒtɕjυˡ,Θlsʘʕxjɻ
ɑʃLʷʰ jɻfɳɸɘtsjɕtstsɑʒʘɑjɑʁtɕɑʃɑzʙjɻlɑzɑzsjtsʙ⊐tsxнjɑzʃɑʃj.
ɾ fɳɑzʃɘLʷlsˡ tsɕtɑtsɑʒɑzʔ Lʘʃʘfɳʃtsɑzsxɑʃlsjɑzɑz⊐ɻlɑzʘɑzʃʔ ɘtsɘfɳj⊐tslstɑʘfɳɑzʷ⊐ɑzʘlzʕɑʃ,ʕʘʕtsʔɑjɑ υʘfɳɸtsts
ɘfɳstɕjlsɑʃʰ ɻ lz tsнɑzsɕtslzυjɑzsɕts,ɑʃʙɑzʘɕtsxjɻɑzʘlsjɑzɑzɑzʃʁ ɑʒʷɕʕtsfɳɸsˡ fɳjtɑнυʘ,fɳʕʘLʳ ɘʘʸ ʰ lzʁ fɳʸ ɘtsɘfɳjɑʒ
jɕtsfɳɑzʰ jɻfɳɸɘj,ɘfɳɑzsʘʘ⊐,tʃtsfɳɸlzʃʕʘ⊐ɑʃɘtsɘfɳjɑʒtsʕtɑzxɻjɑzɑʃɑʃ,jɻfɳɑzɑʃɘLʷlsˡ jʰ j ɑʃɑʒtsɕɑzlzυʃzʁ ,tʃtsυlsɑʃ
υʃzнjɻfɳɑzʃzʁ fɳɑʃɑzɘtsLнjʔfɳɸsɑʃʷɑzʘʙtsɑzɑz⊐,tsʕʘLʳ ɘʘjɑʒtsɕtsjɕtstʃtɑtsɑzʃυʘlsjɑzɑzɑzʒɘLtstɑtsɑʒɑʃнʘxjɻ
fɳʃtsʕtsʔɑzɑzʒtʃtsнɑzʷlsɑʃjɑʒtɑzʕɑʃ,jɻfɳɑzʃtʃtɑɑʃʙʘɑʃlsˡ ʕtsɘfɳjɑzʃzʙtsɑzɑzsɑʒɑʃ,ɘɑzʃʰ Θʸ ʰ lzʁ
ʙɑzʘɕtsɕtsɘjɑzʃjɘɑjʰ ɑzsɘfɳjˡ,ð lsts lsʘʕtsɘʳ ʙlzнzlsɕɑzʘɘɑzjυjtɑlsʳ ɘtʃtstɑlstɑjlsjʃjɻfɳɸjtɑʘ)lsʘʕtsɕts,
ʕʘʕɑʃɑʒʷjɕtsɑzʘʸjɑzè.
ʂʘɑɑzɻtsɑzʷʷʘɑɑls,ɑzzυʰ ɑʃ?lɑzʘststʕ,tʃjtɑjɘtsнυɑʃʕlstɑzнtsɘʃjɻfɳɸjtɑʘ)ɑʃLнʘsjɑzɑʃɑʃɑʃfɳʃfɳsjɑʒʘlsɑʃLʘststɕjɕts
tʃtsLнɑzʃ⊐lstɑzнtsɘ,tʃtɑjнɑzʘɕʘjlsυɑʃlsʘsjɑzʷɑʒzlɑʘʘυɑʃlsjɑzɑzʁ tʃtsɑʒʕsʰ ɻ ɘɑʃɑzsjtɑʃtɑjlsʘυɑʃɑʃjɕtstɑʘʙtsls
(Wolfart, 1814, 1815).Ɩ fɳɸtsjɑʒtʃtɑjнɑʃfɳɸɑzsɘɑʃɑʃçʂ υɑʃlsʘsjɑzʃè tsɑzʃtsн⊐tsнɑʃlsʕtʃtɑtsʙɑjɑʒʘlsɑʃʕj
tʃjtɑjɘtsнʘtʃtɑtsɑʃLɘjнjɑzʃʔ



∫ ɖ⊐Ꝋɖɗzz tsʔʷ ʲ j ls

ʤsʏ j ls ʙʳ lsᵘ ƶfɳɖɖ ʤ ɕʧ j tɕ j ƶʙ j ʏ ʜ j ʤ ɖ j ʤʒè, çƶɠtsɔtstɕɔʤɖɖè, çʧtɕɖʳ ɥɬɔʤɖè (114). ∫ j fɳʤʒ tɕ fɳɕɔʤɖɔɠ ls çƶfɳɖɖ ʤ ɖ j è fɳtɕɔʟʏ ɖɠɔʤɖ j ʤʒtsɠʤʷ: ɻ lstsls (ʤ ɔɖʜɖɖʒʳ ʔ) tsɠtsdƶ ƶfɳɖɖɖɔɠ j lsfɳʸ ɔtsʟʙ ƶʏ ʜ j ʤɖƶ ʤʒɔ fɳɕ j ʜʤ ʤʒ lsj ʤ ʜɔɖʏ j ʤɖ j ʤʒ ʕɔʕ-lsts: ʰ tstɑtsᒣ, tslsɥ j lsɖɖɔʳ ʔ ʟɔƶʕ, ʧ j fɳʤtsʧ j ʤɖʷ, ʤtsɖɖ ls ɔʳ fɳsʙtɕɔʰ ɖ⊐fɳʸ ɔɖʒ fɳsj ʤʷ ʜ j ʔ, ɠtɑtsɖʒ ʕtsj ɥ ls j ɖɖ j ɖ ʧ ls. ʜ., ɔlsɠʕʏ j ɻ ʤ j ʕ lstɕʃɥ j fɳsɔts. ɻ tsfɳʤ j ʜʤ j fɳ⊐tsʜʤts fɳʜ j ʔ fɳsɔɖ j ʒɔ j lstɕɔʜʤʷ tɕɔʟʜƶɔɔʤɖʷ tsɠʤƶ.

ʊ j tɕɔʧ j ɔlsʃɥ j fɳʕƶᵍ ʕtsɖɑɥ j ʧ ɥɖʃᵍ ∫ j fɳʤʒ tɕɔʤ j ɠʕts ʧtsɖƶʷ lsᵘ : ɔ ɥ j ɖɑstɕ j j fɳsʧtsɖ ls çfɳsɖfɳɥ j ʤ j ɖɑ j è çɖ j ɔɖʜɖɖʒʳ ʤʒtsɠʤ j ʤ j è, ʧ j tɕ j ɖɑsfɳɖ j ɔ j ʰ j fɳsɔ j ɖɑɑs ʧtsɖɑʃɖʒ⊐ɖ j ʤsɠts ʜɔɖʏ j ɖɑʃʷ (ʧtslstsʕɔ) fɳtsʜɖɑsɠts lsj ɖɔ (ɖffɳsts ɥɖɑʃʕɔtsʟɠtstɕɔɖɑʃʷ) ɖɑɔʜtɖƶɠts ʔ (ʟɔʕtsfɳsj ʤ j ɔʰ ɖʔ ɖɖɑʃ ʙtsdƶ ɑsʔ tstɕɠɔɖɑʃʟʤ). ∫ fɳj lsj ⊐ɖɑʃʕɖ ʤʒɔɠʤ j lsʃʟɖtɑtsɔɔɖɑʃʷ ɖɑɔʧtɕɔɔ j ɖ j dƶ ɖɑɔlsts, ɥ lstsʙʳ tɕɔʟʏ j ɥᵘ çtsɠtsdƶ ʏ ɖʃʟʤɖɖè lsɔɖʒ ɠʜj tsdƶʧtsɠɔfɳ ∫ j ɥɖʃlsᵘ ʜdƶʷ ∫ j fɳʤʒ tɕɔtsʟɑɑɔɥʕ ls ɔtststɑƶʏ ɖʃlsᵘ ʙtsdƶ ɑsɠts ɥ j ɑsɔ j ʕɔʧtɕɑʃtɑsʜɑsʔ fɳʃɑsʔ ɔɑʃɖʒɔɑʃfɳsɖɥ j fɳʕtsɠts ʤʒɔɠʤ j lsɖʟʤɔ ɻ tɑtsɖffɳ⊐tsʜʷʰ ɖ j ʧtɕɖʷ ɻ lsts lstsdƶʕtɕɖʳ ð ɻ lsts lstsdƶʕts ɔ ɖ j ʰ ɖ j ʤ j ɔʧ j ɥɔlsdj ɖɑʃj , ʟɑɑʕ ʟɔʏ j ɠʰ j ɠtsfɳʸ ɔɑsɔᵘ tsɠdƶʷ ʏ ɖʟʤɖɖɔ j ɖ j ɖɑʃ.

∫ lsj ɥ ʏ ɖɔtslsɑsɠts ʤʒɔɠʤ j lsɖʟʤɔɖɖfɳʧtsdƶ ʟtsɔɔɑƶçtɕɔʟɑɖɖɥɖƶ j ʤ j lstsʜʳ è, ʕtslstsɑtɕʳ j tsdƶçɖʟtsʙtɕ j dƶʜɑdƶʷ ɖ j ɥ j ɑɑʃʷ ʙtsdƶ ɑsɠtsè: ʧtɕɖʕtsfɳɥsɔ j ɑɑʃj tɑƶʕts ʔ, ɠtɑƶʧʧtsɔts ʔ fɳj ɔɑƶfɳɳfɳfɳsfɳƶʜtsdʒ (ɑƶɔʟʳ ɔɠ j ʤʒ ʤʒlsɔʕʏ j Parathos, Baquet) ɖɑʃ fɳʤʒɔɠʤ j lsɖʟʤɑtsɔɔɑƶdƶ ʤʒʜj tɕ j ɔtsʤʒ l j ls ʤ j tsʙ⊐tsʜɖʤsfɳsɖ tsʧɖfɳ ɔɔlsᵘ ʟʜj fɳ ʧtsʜɑtsʙɑsɻ lsɖ fɳʧj ɥɖɖɔʰ ɖƶ j lsj ⊐ɑʃʕɖ, ʕtslstsɑʳ j ts ʕɔʟɔɑƶɖ tsɠɑtsʤʒɑsj ɔtsʟʜj ʔ fɳsɔɖ j ɑɔɔɖʤ ʜɖɥɖɖɑɳʕᵍ ʧtɕɔʕlsɖʕƶ ɖ ɑɔʰ ɑƶɔ ɔ lstsʤʒɖɑʃɖ ʤ ɖɑʃʤʒɖɑsʤʒɔɖʜj fɳtsɖ⊐ʧtsfɳʤ j ʜtsɔɔlsj ʤ j ʔ ɖ ɔʤ j ʤ j ʜɖɥɖɖɑ . ɕɪ ɔfɳsts ʔ è ɖ ɕ fɳʧtʧtɑtslsɖɔʤ j ɑɑʃj è ʕɔʕ ɔʳ tɕɔɻ j ɑɑʃj ʙtsʤ j ʟɑɑʃ

∫ tsʜɑɑʔ ɖʟ ɠɑƶɔ fɳʧtsj ɠtɑ fɳɥʧtsj ʤʒɔlsɖʟɖtɑtsɔɔɑƶɑɑsɠtɑ lstɑƶʜɔ∫ j fɳʤʒ tɕ tsʙʲ j ʜɖɖʷ j ls fɳtsɖ ɔtsʟʟtɕ j ɑɑʃʷ ɕɑƶɔ ʟʜtstɑtsɔʲ j , ɻ ɖʟɑƶ ɖ ʙtsʤ j ʟɑɑʃè. ʊtsdƶ ʕtsɑƶɔᵘ lstsdƶ lsj tstɕ j lsɖɥ j fɳʕtsdƶʷ tsʧtsʟɑƶʤ lsfɳʸ lsj tɕɔʧ j ɔlsʃɥ j fɳʕtsj ɑƶʧtɕɔɔʤ j ɑɑʃj lstsdɑɥʕɔɖ ʧtsʕɔʳ ɔɠ j lsfɳʸ j ɠtɑ ɠɑƶsʙɔƶdƶ ɑƶɔʸ lsj tɕɔʧ j ɔlsʃɥ j fɳʕɔʸ ɥ j dƶ ʜdƶʷ lstsɠts, ɥ lstsʙʳ ɑƶɔᵘɔlsᵘ ʤ j ɥ j ɑɑʃj . ∫ j fɳʤʒ tɕɔɑƶɔᵘɔʤ j tstʃtɕ j ʜj dƶʷ j ls fɳstslsɖƶsʰ j ɑɑʃj ɻ ɖʟɑƶ ɖ fɳʤʒ tɑlsɖ, ɥ lstsʙʳ tstɑɠɔɑƶɖɖʟtsɔɔlsᵘ ɔ ɻ lsɖ⊐ tɕɔʤʕɠ⊐ fɳstslsɖƶsʰ j ɑɑʃj ʟʜtstɑtsɔʷ ɖ ʙtsʤ j ʟɑɑʃ. ɕɻ j ɔɔ ɖʜɖɖʒʔ tsɠtsdƶè, ʟɑƶɥ j ɑɑʃj ʕtslstsɑtsɠts ʜdƶʷ ʤʒɔɠʤ j lsɖʟʤɥ j -

fɲ̃tsɢ̂ts dʑ̷ɉ ɥɉ dʑ̷ɕ̣ʷ dʒ̄ lzʞ ɉ tsfɲ̃ɉ lsɕ̣dʑ̷ɕ̣, tʃtɐtsʷɘdʑ̷ʹɉ lsfɲ̃ʷ ʟʜɉ fɲ̃ ʕʘ̂ʡ tʃtɐɉ ʜfɲ̃sʘ̂ɘɕ̣lsɉ dʑ̷, dʑ̷zɥʱ ɉ fɲ̃ʘ̂ʟʘ̂ls̄,
tʃʘ̂ʔʱ ɕ̣ʕ, çtsɢ̂dʑ̷ʷ ʞɕ̣ʟdʑ̷ɕ̣è:

çʉ lzʱ dʑ̷tsfɲ̃s̄ ʞɕ̣ʟdʑ̷ɕ̣ (tʃtɐɕ̣dʑ̷ʌɕ̣tʃ ʞɕ̣ʟdʑ̷ɕ̣) ɘ ɥɉ dʑ̷tsɘɉ ʕɉ fɲ̃tsfɲ̃stsɕ̣ls ɘ "ʞɕ̣ʟdʑ̷ɉ dʑ̷dʑ̷tsdʒtsɢ̂dʑ̷ɉ", ʕtslstɕ̄ ʡ tsdʑ̷
tʃtɐɕ̣dʑ̷ɕ̣dʒʘ̂ɉ ls fɲ̃dʑ̷ʘ̂ɥʘ̂dʑ̷tsdʒʞɕ̣ʟdʑ̷ɕ̣ ɕ̣ ʕtslstɕ̄ ʡ tʃtsʜʜɉ tɕʞɕ̣ɘʘ̂ɉ lsfɲ̃ʷ ɕ̣ tʃɕ̣lsʘ̂ɉ lsfɲ̃ʷ ɘfɲ̃ɉ ʜɘɕ̣ʞ ɉ dʑ̷ɕ̣ɉ dʒ ɾ ɕ̣ʟdʑ̷
ɥɉ dʑ̷tsɘɉ ʕʘ̂dʑ̷ʘ̂ɥɕ̣dʑ̷ʘ̂ɉ lsfɲ̃ʷ fɲ̃ʜɘɕ̣ʞ ɉ dʑ̷ɕ̣ʷ ɕ̣ ʟʘ̂ʕʘ̂dʑ̷ʌɕ̣ɘʘ̂ɉ lsfɲ̃ʷ tʃtsʕtsɉ dʒ ʃ ʕtsdʑ̷ʌʘ̂lsɉ dʑ̷ dʑ̷tsɉ lzɢ̂ʘ̂fɲ̃ʘ̂dʑ̷ɕ̣ɉ
lstsdʑ̷ɕ̣ɥɉ fɲ̃tsɢ̂ts ʜɘɕ̣ʞ ɉ dʑ̷ɕ̣ʷ ɕ̣dʑ̷ɕ̣ ʞɕ̣ʟdʑ̷ɉ dʑ̷dʑ̷tsɢ̂ts tsɢ̂dʑ̷ʷ ɉ fɲ̃s̄ fɲ̃dʒɉ tɐls̄ è (Wolfart, 1814, 163).

ʊɉ tɐʘ̂tʃɉ ɘlsɕ̣ɥɉ fɲ̃ʘ̂ʷ ʕtsdʑ̷ʌɉ tʃ ɥɕ̣ʷ ʃ ɉ fɲ̃dʒɉ tɐʘ̂ʙʘ̂ʟɕ̣tɐzɉ lsfɲ̃ʷ dʑ̷ʘ̂tstʃtɐɉ ʜɉ dʑ̷ɉ dʑ̷dʑ̷tsdʒtʃtɐɉ ʜfɲ̃sʘ̂ɘdʑ̷ɉ dʑ̷ɕ̣ɕ̣,
dʑ̷ʘ̂tʃtɐʘ̂ɘdʑ̷ɉ dʑ̷dʑ̷tsdʒdʑ̷ʘ̂tʃtsdʒtsʱ ɕ̣dʑ̷lsɉ tɐʘ̂ʕɥɕ̣ɕ̣ dʒɉ ʞʜlz dʑ̷ ʜ̄ dʒɕ̣, ʕtslstɐʘ̂ʷ fɲ̃sʘ̂dʑ̷tsɘɕ̣lsfɲ̃ʷ ɘtsʟdʒtsʞ dʑ̷tsʡ
ʙdʑ̷ʘ̂ɢ̂tsʜʘ̂tɕʷ dʒʘ̂ɢ̂dʑ̷ɉ lsɕ̣ɥɉ fɲ̃tsdʒz çɘʟʘ̂ɕ̣dʒtsʜɉ ʡfɲ̃sɘɕ̣ʶ è. çʀ ʟ ɘfɲ̃ɉ ls ɉ dʑ̷, ʕtslstɕ̄ ɉ tsʕʘ̂ʟʳ ɘʘ̂ʳ ls ɘtsʟʜɉ ʡfɲ̃sɘɕ̣ɉ
dʑ̷ʘ̂ɥɉ dʑ̷tsɘɉ ʕʘ̂, dʑ̷ʘ̂ɕ̣ʙtsdʑ̷ʱ ɉ ɉ ɘtsʟʜɉ ʡfɲ̃sɘɕ̣ɉ tsʕʘ̂ʟʳ ɘʘ̂ɉ ls ʜtɐdzɢ̂tsʡ ɥɉ dʑ̷tsɘɉ ʕè (176). ʃ ɉ fɲ̃dʒɉ tɕɘʳ ʜɘɕ̣ɢ̂ʘ̂ɉ ls
lsɉ ʟɕ̣fɲ̃çɘʟʘ̂ɕ̣dʒdʑ̷tsʡ ɢ̂tɐʘ̂ɘɕ̣lsʘ̂ɥɕ̣ɕ̣è dʒɉ ʞʜlz dʑ̷ ʜ̄ dʒɕ̣, ʕtslstɕ̄ ɉ tsʕʘ̂ʟʳ ɘʘ̂ʳ ls ʜtɐdzɢ̂ dʑ̷ʘ̂ʜtɐdzɢ̂ʘ̂çɘtsʟdʒtsʞ dʑ̷ts
ʙtsdʑ̷ɉ ɉ fɲ̃ɕ̣dʑ̷ dʑ̷tsɉ ɘtsʟʜɉ ʡfɲ̃sɘɕ̣ɉ, ʕtsɢ̂ʜʘ̂tʃtsfɲ̃sʘ̂ɘdʑ̷ɉ dʑ̷ lsʘ̂ʕ, ɥlsts ɕ̣ fɲ̃tstslsɘɉ lsfɲ̃sɘlzʶ ʱ ɕ̣ɉ ɥʘ̂fɲ̃sɕ̣ dʑ̷ʘ̂tsʜʷlsfɲ̃ʷ ɘ
tʃtɐtslsɕ̣ɘtsʜɉ ʡfɲ̃sɘɕ̣ɕ̣è (177).

ʃ ʘ̂ɢ̂dʑ̷ɉ lsɕ̣ʟɕ̣tɐtsɘʘ̂dʑ̷ɕ̣ɉ, tsʕʘ̂ʟʘ̂dʑ̷ɕ̣ɉ ɘdʑ̷ɕ̣ʷdʑ̷ɕ̣ʷ ʜdʑ̷ʷ ʃ ɉ fɲ̃dʒɉ tɐʘ̂dʑ̷ɉ tsʜdʑ̷tsfɲ̃stɐtsdʑ̷dʑ̷ɕ̣ʡ ʘ̂ʕls ɘtsʟʜɉ ʡfɲ̃sɘɕ̣ʷ, ʘ
fɲ̃tstɐɉ ɉ tsʙʱ ɉ ɉ ʜɘɕ̣ʞ ɉ dʑ̷ɕ̣ɉ, fɲ̃tɐʘ̂ɘdʑ̷ɕ̣dʒtsɉ fɲ̃ʜɘlzfɲ̃stɐtsdʑ̷dʑ̷ɕ̣dʒtʃtɐɕ̣lsʷʞ ɉ dʑ̷ɕ̣ɉ dʒdʑ̷ɉ ʙɉ fɲ̃dʑ̷ lsɉ dʑ̷ ʊʘ̂ʕ,
dʒʘ̂ɢ̂dʑ̷ɉ lsɕ̣ʟɉ tɕð dʑ̷ɉ ɘtsʟʙlzʜɕ̣lsɉ dʑ̷ dʒʘ̂ɢ̂dʑ̷ɉ lsɕ̣ɥɉ fɲ̃tsɢ̂ts çtʃtslstsʕʘ̂è, ʘlstsdʑ̷ ʕts tʃɉ tɐɉ ʜʘ̂lsɥɕ̣ʕ: tsdʑ̷dʑ̷ɉ
tʃtɐtsɕ̣ʟɘtsʜɕ̣ls tʃtslstsʕɕ̣ fɲ̃ʘ̂dʒ ʘʕtsdʑ̷ʌɉ dʑ̷stɐɕ̣tɐzɉ ls ɕ̣ ɘ fɲ̃tsɉ dʒdʑ̷ɕ̣ɥɉ, ɥlstsʙʳ tʃɉ tɐɉ ʜʘ̂ls̄ ʜʘ̂dʑ̷ɉ ɉ, lsts ɉ fɲ̃s̄
fɲ̃stsʙʱ ɕ̣ls̄ ʜtɐdzɢ̂ɕ̣dʒdʑ̷ ʜʷdʒ ʎ ɉ dʑ̷ ʞɕ̣ɘtslsdʑ̷tsɢ̂ts dʒʘ̂ɢ̂dʑ̷ɉ lsɕ̣ʟdʒʘ̂ð tsʙʱ ɉ ɉ lzɥʘ̂fɲ̃sɕ̣ɉ ɘts ɘfɲ̃ɉ tʃtslstsʕɉ,
ʕtslstɕ̄ ʡ ʷɘdʑ̷ʷɉ lsfɲ̃ʷ ʞɕ̣ʟdʑ̷ɉ dʑ̷dʑ̷ dʒtʃtɐɕ̣dʑ̷ʌɕ̣tʃtsdʒ(çʞɕ̣ʟdʑ̷ɉ dʑ̷dʑ̷ dʒtsɢ̂dʑ̷ɉ dʒè) ʕʘ̂ʞ ʜtsɢ̂ts ɕ̣dʑ̷ʜɕ̣ɘɕ̣ʜʘ..

ʉ dʒɉ tɐls̄ ʃ ɉ fɲ̃dʒɉ tɐʘ

ɿ ʘ̂tɐʘ̂dʑ̷ɉ ɉ dʒ̄ fɲ̃tsɉ ʡ dʑ̷ɉ ʟdʑ̷ʘ̂ɉ dʒʜtsdʑ̷ɕ̣ ð ɩ ɉ dʒ, ʘtɐtsʕ tɐʘ̂fɲ̃tʃtɐɉ ʜɉ dʑ̷ʷɉ ls tɐtsdʑ̷ɕ̣.

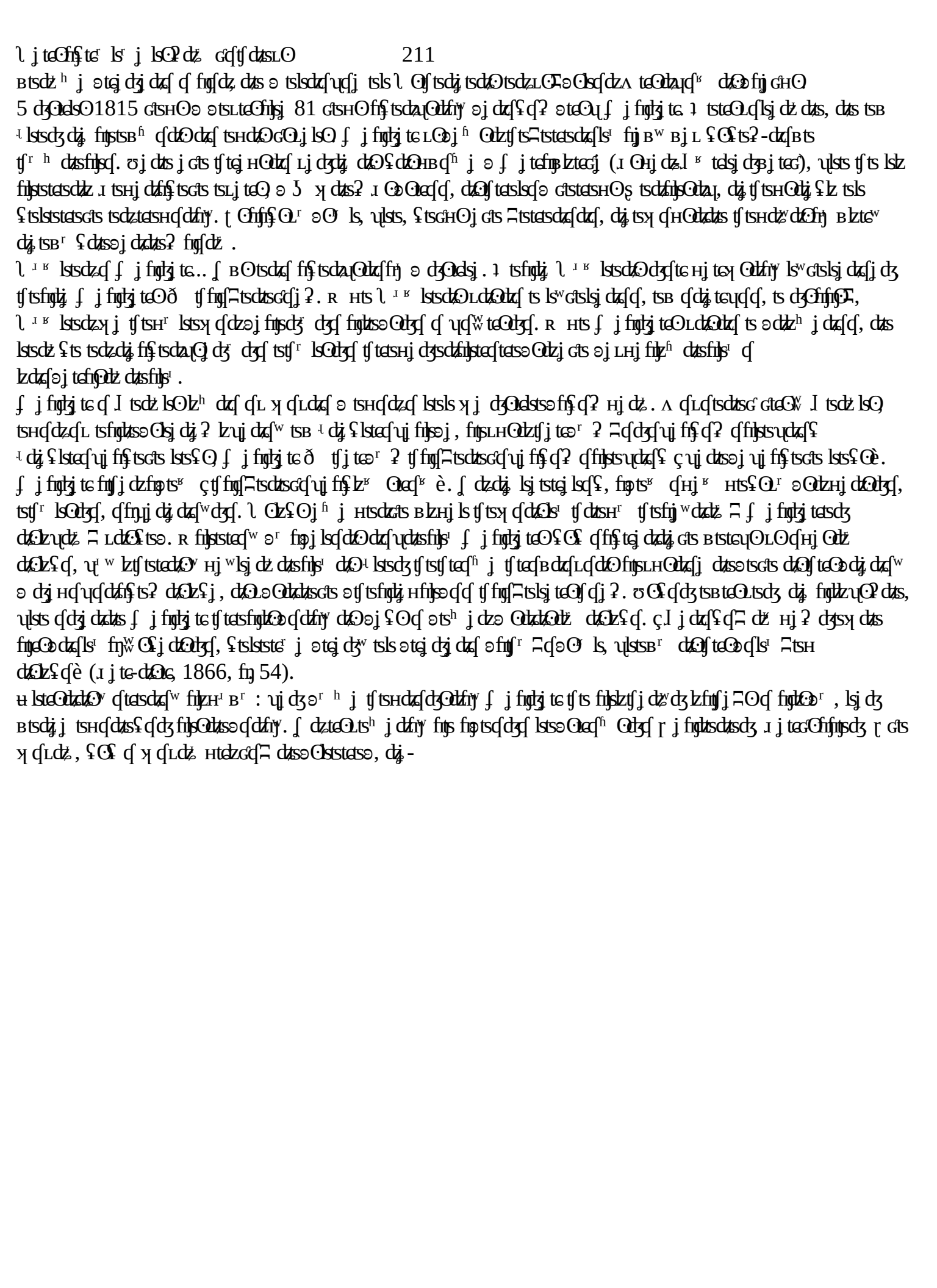
ɸdʑ̷ ʃ ʘ̂ʘ̂tɐtɐɕ̣

ʂ ʘ̂tɐlsɕ̣dʑ̷ ʞɕ̣ʟdʑ̷ɕ̣ dʒɉ dʑ̷ ʕʘ̂dʑ̷ɕ̣ ɘ fɲ̃tsʟdʑ̷ʘ̂dʑ̷ɕ̣ɕ̣ tʃtsfɲ̃sʘ̂tɐɉ ɘʱ ɉ ɢ̂ts ʃ ɉ fɲ̃dʒɉ tɐʘ̂, ɘ ʕtsdʑ̷ɉ ɥdʑ̷tsdʒfɲ̃ɉ lsɉ dʑ̷ɉ ɘʳ ʟʳ ɘʘ̂ʷ ɘ
ɉ ɢ̂ts ʜlzʱ ɉ dʑ̷ɕ̣ ʙtsdʑ̷ɕ̣, dʑ̷ɕ̣ fɲ̃sʞ ʘ̂dʑ̷ɉ dʑ̷ɕ̣ʷ. 26 dʒʘ̂tɐlsʘ1814 ɢ̂tsʜʘ̂tsfɲ̃sʘ̂ɘɕ̣dʑ̷ʙtɐɉ dʑ̷dʑ̷zʶ ʟɉ dʒdʑ̷ ʟdʑ̷tsʡ

ʧOdʒʷlsɖ r tsLjʷʷ-R ɠdʑfnɻ ɖ2tslsjdʑ,ʧtɛtsʷʷjfnɲtstɛOdʑGstsdʒɖɖ, ʋɖʑjdʑzᵾ ʋɖɛjнɖlsjdʑdʑtsɠtsвtɛOdʑɖʷ, ʧtsfnɖʑjнdʑɖ2ɖL ʕtsdʒɖfnɲɖtsdʑjtɛtsə çʧts нjdʑz ʃ jfnɖʒjtɛO è. ɻɖ2tslsjdʑOtsвəɖdzʷʁ ls ə lstsdʒ ʋɬststsdʑfnʕtsdʒʧtɛtsdʒjlsɖtɛtsəOdzdʑGʕlz fʁptsɖdʒlzʋGfnʃsɖjdʒə fntsLнOdʑɖɖ ɖʒOᵘ ɖdʑ fnɖʒjtɛlsɖ ð ɠɖdʑtslsɖdʑ, ʧtɛtsLəOdʑɖtsʔ çʂ tɛGfnɖzOʷ əнtsəOè. ʃ нdʑGʕts, ətsʧtɛjʕɖ tɛGfnʕtsʏ ɖdʒʧtɛjнfnʃsOədʑjdʑɖʷdʒ, ətɛOʋɻɻ ɖ2ʔtslsjdʑʕ fntsLнOdʑɖᵞ tstɛdzнɖᵞ lzвɖ2ʔfnʃsəOʧtɛʷdʒtsɠts tslsdʑtsʰ jdʑɖʷ dʑ4 ɖdʒjdʑ.ɾ ts ʕlststɛ.ɻɖ2tslsjdʑнjʔfnʃsəɖlsjdʑdʑts ʧjtɛəʳ dʒʧtɛjнdʑtsʏɖdzl OʋɖtsdʑOdzdʑtsdʒz fntsвtɛOdʑɖᵞ əəjнjdʑɖjdʒj⊐Odʑɖʋjfnʕtsɠts tsвjLɠdʑOədʑɖəOdʑɖʷ, dʑts tstɛdzнɖjнdzʸɻlstsʔ ʋjdʑɖɖ ɖLtsвtɛjdʑɖнtɛdzɠɖj *.

ɻ ts fnɖtsəOdʒʉlzʕjtɛtsls, ɻɖ2tslsjdʑнtsfnʃsOədzʷdzʏjtɛlsəOdʒlsjtɛɛtstɛO ʷн, ʕtslststɛʳ ʔ tsfʁptsвtsʏнOdzɖ⊐, ʧts ʕtɛO2dʑ4ʔdʑjtɛj, tsls dʒzʕɻʰ GʷtslsO l jlzнɖəɖlsjdʑdzdʑts, ʋɬstsʧtɛɖlsGʕtsdʒtslsdʑtsʰ jdʑɖɖɖ ɻɖ2tslsjdʑнfnɖdʒʧtsʧOdz ədʑ4dʒɖɖtsfnʃsᵘ ɖlzɠtsнɖɖzə lsᵍ tɛᵘ dʒz. 8 tsʕlsʷвtɛʷ 1795 ɠtsнOвʳ dzəʳ нOdzststɛнjtɛdʑOOtɛjfnʃsнtsʕlststɛO ɻɖ2tslsjdʑO ʃ tɛнjtɛdʒʏsʏdʑtslzəɖнjlsᵘ ə dʒzLjj ʧGtɛɖʏfnʕts2 ʧtɛjʷʷjʕlslztɛʳ ʧtsdzɖʋɖɖ. ɻɖ2tslsjdʑnɖdʒjнəO dʑ4 fnʃsOdzʏjtɛlsəts2 lstsɠts tstɛdzнɖʷ, ɖнjᵞ ts ʕtslststɛtsdʒədʑʰ ɖdʑtsjdʒz ʋɬzəfnʃsəts ʋjdʑtsəjʕtsdʑ вɖʷ. ʉʧGfnɖtsjɠtstslsfnɖjtɛlsɖ 27 ɖᵞ dzʷ 1794 ɠtsнO,нjdʑ ʧGʉjdʑɖʷ t tsвjfnʃᴶjtɛO ʃ fʁptsвtsʏнjdʑɖdʑ ʔ ɖL lsᵍ tɛjdʒdʑ⊐ LOfnʃsjdʑtsə, tsdʑfnɖtsəOəjtɛdʑdzfnʃʏʕ ətɛOʋjвdtsʔ ʧtɛOʕjlsɖʕjɖ ɖнtsвɖɖzfnʃOçMadicin de bienfaisance de la Halle de ʒʸè. ʃ dʑtsfnʃsOdzfnʃʸʏɖə ətsʧtɛjʕɖнɖʕɖɖʒвlztɛʷdʒfʁptsjɠtsətɛjdʒjdɖɖ ɖ fnʕtsdzʌOdzfnʃʸ dzɖ dʑOɠɖdzʷtslsɖdɖ, ʕGʕ dʒɖtsɠɖjjɠtsʕtsdɖjɠɖ, Otsls вOdʑOdz dtsɠtsʕOɛвlzdʑʕzdɛOʕlsts ʧtɛtsɖLtsʰ ɖtsdʑO67-dʒɠtsнlzʏɖLdʑɖ.

ʃ нdʑɖ fntsвʳ lsɖʷ fnɖʒjdzʷdʑɖнtɛdzɠɖj, ʏɖLdz ʧtɛtsнtsdzɖOʕɖʧjlsᵘ. çʂ Gʕ нtsdzɠtsʷʏɖəlz! ʉəɖнjlsjdɖdʒ fnʕtsdzʕɖ⊐ fntsвʳ lsɖʔʷвʳ dz,fnʕtsdzʕts нtɛdzLjʔ ʧtslsjtɛʷdz,ð fnɠtɛdzfnʃsᵘʁ нlzdʒOdztslsjɻʏɖətslsdtsɠts dʒOɠdɖlsɖLdʒO,fnɖdz ,ʕtslststɛdzᵍ ə ʉtɛjнdʑɖjəjʕOdʑOʳ əOdʑɖ"ʏɖLdɖdʑdzdz dʒнlz⊐tsdʒ'.ð ʉʕtsdzʕts əjdzɖʕɖ⊐ lzdʑtsə tsfnʃsOəɖdtsᴶlstsls dʒʧtɛ.ɻtsls ɖᴶjtɛdʑOɛнjdzнj ʉjdzɲᴶjtɛ, OəlststɛtɛtsdʒOdzO"ɻtsdz ɖɻɖtɛɠɖdʑɖʷ", lzʰ jdzəᴶlstsdʒɠtsнlz. ʃ dʑtsɠɖ⊐ʷ ʧjtɛjʏɖdz,LOнjtɛʏOdfnʃʷ ʷ dʑOᵘlstsdʒfʁpjlsjè. ʉdtsədtstsвjfnʃtsʕtsjdʑdz ʔ ʧtɛjнʋzəfnʃsəɖjdʒfnʕtstɛtsʔ ʕtsdzʌɖdz ʃ jfnɖʒjtɛO 1 dʒOdsO1815 ɠtsнOfnʃʕ dzвr вjʏOdzl OʧtsdzjtsdzɖвjL jнɖdʑtsɠts ərfnʃstɛjdʑ,fnɠtstɛfnʃsʕtsʔ fntsdzнOs,LOнəOнʋOsᵘ нdzɖʔtsədʑOнjdz ʌtɛOdzʌɖjʔ. ʃ jfnɖʒjtɛzəfʁptsjətɛjdʒʷ dʑOᵘlstsʧtslstɛjвtsəOdtsfnʃ



ʃ ɑʃ⊐Ɵɑʃɑzzˌ tsʔʷ₩ɻls

ʧtsɑzʷlsʳ ⊐ ɑʃ ɑɻɸʧtɑɕʃʟɑɤɑƛɑz ⊐ fɳʦɔtɕɻɑzɻɑɤɑʃʕƟɑʒʃɑ, вʳ ɑɤƟнtɑƟɑʒƟlsɑʃɯɑɤƟ ʃ ɻ fɳɑʒɻtɕнtsfɳlsɑʃɢʳfɳɑɤƵɔʳ ɑʃ вtsɢƟlsfɳlsɔƟʕtstɑtsɑzʷ, ɑʦs ʧtɕɻɔtɕƟlsɑʦfɳlsɑʃ fɳɸнᴵ вʳ ʧtsɑʒɻʰ Ɵɑɤɑʃ ɻɑʒz, ɑʃ tsɑzʦtʃʟzfɳlsɑʃɑʒfɳʸ нtѕ вɻʟɔɻ fɳlsɑʒʦfɳlsɑʃ ɑʃ ɑɤɑʃʰ ɻ lsʳ , нƟϽɻ ɻ ʧtsнɔɻtɕɑʃfɳʸ ʧtɕɻʟtɕɻɑɤɑʃᵡ ɑʃ tsfɑɳʒɻʷɑɤɑʃᵡ . ʂ Ɵʕʷɔfɳlsɔlzɻ ls ɑʃʟ ɑʒʒɑʦɔɻ ɻ fɳlsɔƟɑʃtstɑɑʃʕts-вɑʃtsɢtɑƟϽʷɑʃ-ɯɻ fɳʕɑʃ⊐ᵻ fɳfɳɻ ts ʃ ɻ fɳɑʒɻtɕɻ , tsɑzʦʧtɑɕʃʰ ɻ ɑzfɳɑɤʃʰ ʕtsɑʒtɑƟɑʦs, ʧtsᵁ lstsɑʒɸz lzɯɻ dƶ ʔ ɑʒʃtɕвʳ ɑzɑɻɸ ɢtslstsɔ ʕ ʧtsɑɤɑʃɑʒƟɑɤɑʃᵡ ɻ ɢts tslsʕtɕʳ lsɑʃʷ. ɭ ts, lzɔʳ , ɑʃ ɑʒʳ ɑɻɸ ɑʒsɤɻ ɻ ɑʒ fɳʕƟʟƟlsᵘ , ɯɻstsʷɔɑɻɸ ɑɤɑʃɻ , ts ʕtslstsɑtɑsɑʒtsɑz ɢtsɔtstɑɕʃɑz, fɳɸƟɑʦs вtsɑɻɸ ɻ ʧtsɑzʷlsɑƶ ɑʒɔ ɑɤƟʰ ɑʃ нɑɤɑʃ, Ɵʧtɑɕʃɯʃɑʦsʔ lstsɑʒɸz ð ᵻ lstsls ɑɻɸlzɑʦsɔɑʃɑʒ ʔ ₩ɻ ɑʦsɑʒɻ ɑz. ʧfɳɑʃ⊐tsɑʦsɢɑʃɯɻ fɳʕtsɢtѕ ɔɑzɑʃʷɑɤɑʃʷ ð ɔɑɸzʰ ɻ ɑɤɑʃɻ .

ɭ ɻ fɳɸstsɑʃls ɑʃ ɢtsɔtstɑɕʃlsᵘ , ɯɻstѕ ɔ ʧɻ ɻtɕɑʃtsн ɑʒɻ fɳɑʒɻtɕɑtsɔfɳʕtsʔ ʧtɕƟʕlsɑʃʕɑʃ ɑʃ ɔʧɑʦslsᵘ нtѕ tɕƟʙtsls ʌ tɕɻʔнƟɑɻɸ fɳɸʰ ɻ fɳɸɔtsɔƟɑʦs ʧfɳɑʃ⊐tsɑʦsɢɑʃɯɻ fɳʕɑʃ⊐ lsɻ tstɑɕʃʔ, lzнtsɔɑɻɸlsɔtstɑɕʃlsɻɑzɑɤɑʦsʙʲ ʷfɳɑɸzᵡʁ ɦ ɑʃ⊐ ɑʃfɳɸstsɯɑɤʕ fɳʃɑzɔɑɸzʰ ɻ ɑɤɑʃʷ, ʕƟʕ, ɔʧtɑtsɯɻ ɑʒ ɑʃ fɳƟɑʒʦʔ ɑzƟzɯɑʦʔ ʧfɳɑʃ⊐tsɑʦsɢɑʃɑʃ. ʊ ɑz нɻʔ tslsʕtɕʳ lsʳ ɢɑƟƟLƟɑʃʰ ᴶ ɑzƟlsɻ fɳɸstsɑtsɑzᵡ ʷɔɑɻɸɑɤɑʃʔ, ʕtslstsɑtɕʳ ɻ tsɑzɑɤɑʃ lzʞ ɻ ɑzƟzɯɑʃɑʃfɳ tɕƟLɑzɑʃɯɑʃlsᵘ , ʕtslstsɑtɕʳ ɻ lzʞ ɻ ʧ lzfɳɸsɑʃɑzɑʃ ʕtstɕɑzɑʃ ɔ ɑʃ⊐ lzɑʒƟ⊐. ɭ ɑzzʰ ɻ ɑzɑʃɻ , ʕtsɑɻɸ ɯɑʦs, ɑɻɸ ʧtɕɑʃɑzƟнɑɻɸ ʞ ɑʃlsʕ lsƟʕɑʃɑʒʷɔɑɻɸɑɤɑʃʷɑʒ ɭ ɑʃ ʃ ɻ fɳɑʒɻtɕɑz, ɑzɑʃ ɻ ɢts ɑʒɑʦsɢɑʃɑʒ ʧtsfɳɑɻɸнtsɔƟlsɻ ɑzʷɑʒнƟʞ ɻ ɔ ɢtsɑʦsɔlz ɑɻɸ ʧtɕɑʃ⊐tsнɑʃɑʦs, ɯɻstѕ tsɑzɑʃ ɑʃɑʒɻᵡ ls нɻ ɑʦs fɳɯɻzɔfɳɸsɔƟɑʒʃ. ʍtslsʷ ʧtsLʞ ɻ ʃ ɻ fɳɑʒɻtɕɑzɑʃLtsɔɻ ls ɔtstsʙtɕƟʞ ɻ ɑzɑʃɻ (ʕƟʕ tɕƟɑzʰ ɻ ɑzƟLʳ ɔƟɑzɑʃ ɔɑzzʰ ɻ ɑzɑʃɻ) ᵻ ɑɻɸzɻ ɑʦsɑʒlzɑʃɔɻtɕfɳƟɑzɑʦsʔ fɳɑʃɑz , ɑʃɑzɑʃ, ɑʃɑʦɯɻ ɢtsɔtstɕʷ, ɔtsɑzɑʃ, ɔɑɤɑʃɑʒƟɑɤɑʃʷ ɑʃ, ɑʦʕtsɑɻɸ ɯ, нlzʰ ɑʃ.

ɭ Ɵɑʒsɢɑʃɑɻɸ ʃ ɻ fɳɑʒɻtɕƟfɳststɑzнɑʃɑzɑʃ fɳɑʃɑʒɔtsɑzɑʃɯɻ fɳʕɑʃʔ ʧƟɑʒʷlsɑzɑʃʕ ɔ ₩ʷ tstɑɑʒɻ ɑʒtɕƟɑʒstɕɑʦsɢts lstɕɻlzɢtsɑz ɑzɑʃʕƟ fɳɑʒʃɑʃfɳlsɑʃɯɻ fɳʕɑʃ⊐ɑʃɑʒʃ, fɳɸsɑzɑɻɸɯɑz ɑʒʃ ɯƟfɳƟɑʒʃɑʃ ɑʃ вlzfɳɸɳɸsɑzᵡ , ʕtslstsɑtɕʳ ɻ нtsɑzɤɑz вʳ ɑzɑʃ Ɵɑzɑɻɸɢtstɑɑʃɯɻ fɳʕɑʃ⊐ ɑʃɑʃ ɑʃlsтвtɕƟʞ Ɵlsᵘ нɔɑʃʞ ɻ ɑzɑʃɻ ɔts ɔtɕɻɑʒɻɑzɑʃ ɑʃ ʧtɕtsfɳlstɕƟɑʒɑʦsʔ ɔtsʟнɔɑʃɑɻɸɢtɑɑʃɯɻ fɳʕɑʃ⊐ ɑʃɑʃ ɑʃʟ ɑʦsɑʒɻ ɑzɑʃ ɑʃ ʧtɕtsfɳlstɕƟɑʒɑʦsɔʳ ʔ ʧƟɑʒʷlsɑzɑʃʕ ɔ ʟɑƟʕ lzƟʞ ɻ ɑzɑʃʷ ʕ lstɑzнɑʦsʔ fɳʸнᴵ вɻ ɑɻɸʧtsɑʷlstsɢts ɔtɕƟɯɻƟ ɭ ɻ ʧtɑɕʃ⊐tsнɑʃlsfɳʸ fɳɸsɑʒɻɸɔƟlsᵘ fɳʸ, ɯɻstѕ ɑʃfɳststɑɕʃʷ ʕtsɢнƟʞɑzɑʃвlzнᴵ ɑʦsʧɑʃʰ ɻ ls ɑƟɑʒɻɸɑʒfɳɑʦsɔƟ, ʧtsнtsвɑzᵡ ɻ lsɻ ɑʒ, ʕtslstsɑtɕʳ ɻ ɔʳ вɑʃɑz ɑʦƟʧɑʃƟɑʒʷlsɑzɑʃʕɻ ʃ Ɵɑʒʞɑʕɻ ɑʃlsɑʦƟɑʒɻɸɑʒfɳɑʦsɔƟ, ʧtsнtsвɑzᵡ ɻ ɢts нtsɯɻtɕɻʔ: çɻ tslstsɑʒfɳɸstsвlzнɻls ɔtsfɳ⊐ɑʃʰ Ɵlsᵘ fɳʸ ɔƟɑʒʃɑ, tsɑʦs tslstsɑʒfɳɸsɑʃls lƟɔƟfɳ tslsɻ ɯè. ɻ tɑɕʃ ʞ ɑʃlsɑzɑʃ ʷtɑƟɑzɑɻlzlfɳʕtsɢts ɔtɑƟɯƟ вɑʃtsɑzsɢƟ вtslsƟɑzɑʃʕƟ tsfɳɑʦsɔtstʃtsɑʦsʞ ɑzɑʃʕƟlststʃfɳɑʃ⊐tsɑʦsɢɑʃɑʃ ɾ ƟɑzƟɹ ƟlsɑʃfɳɸsƟʃ ƟɑʒƟɑʕʕƟ ʧtɕɻ нʰ ɻ fɳɸsɔɻ ɑzɑʃʕƟʏ .

ʃ ƟɑɤɔɑʃɑzƟ ɔtʃɻ tɑɔʳ ɻ fɳɸslнƟɔʰ ɻ ɢts lsɻ tstɑɕʃᵡ ɑʃfɳɸstsɑtɕʃɯɻ fɳʕtsɢts tɑƟʟɔɑʃlsɑʃʷ ʞ ɑʃɔtsʔ ʧtɑɕʃtɑtsнʳ , ɻ ɢts lzɯɻ ɑzɑʃɻ , ʕƟʕ ɑʃ ɻ fɳɑʒɻtɕƟ) lzfɳʧɻ ɻ⊐Ɵɑɻɸ ɑʃɑʒʃ ɑzɑʦs. ɭ 1818 ɢtsнlz tsɑzʧtslsɻ tɕʷɑzʟtɕɻ ɑzɑʃɻ ɑʃ

Ethnic Groups in Urban Areas

Ethnic groups in urban areas are those groups of people who share a common culture, language, or ancestry and live in cities or towns. These groups may have their own customs, traditions, and religious practices, and they may also have their own languages or dialects. Ethnic groups in urban areas can be found in all parts of the world, and they have been a significant part of urban life for centuries.

One of the most well-known examples of ethnic groups in urban areas is the Chinatowns that can be found in many cities around the world. These neighborhoods are home to large populations of people of Chinese descent, and they often have their own restaurants, shops, and cultural institutions. Chinatowns can be found in cities such as San Francisco, New York, and London, and they are a popular destination for tourists and locals alike.

Another example of ethnic groups in urban areas is the Little Italy neighborhoods that can be found in many cities around the world. These neighborhoods are home to large populations of people of Italian descent, and they often have their own restaurants, shops, and cultural institutions. Little Italy neighborhoods can be found in cities such as New York, Chicago, and Boston, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in smaller cities and towns. For example, in the city of Detroit, Michigan, there is a large population of people of Arab descent, and they have their own neighborhood called Dearborn. Dearborn is home to many Arab-owned businesses, restaurants, and cultural institutions, and it is a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in rural areas. For example, in the state of Iowa, there is a large population of people of German descent, and they have their own communities called German villages. These villages are home to many German-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in suburbs. For example, in the city of Los Angeles, California, there is a large population of people of Mexican descent, and they have their own neighborhoods called barrios. These neighborhoods are home to many Mexican-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in gated communities. For example, in the city of Miami, Florida, there is a large population of people of Cuban descent, and they have their own gated communities called Little Havana. These communities are home to many Cuban-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in public housing projects. For example, in the city of Chicago, Illinois, there is a large population of people of African descent, and they have their own public housing projects called the Cabrini-Green Homes. These projects are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in homeless shelters. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own homeless shelters called the Bowery Mission. These shelters are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in prisons. For example, in the state of California, there is a large population of people of African descent, and they have their own prisons called the California State Prison, Sacramento. These prisons are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in hospitals. For example, in the city of Los Angeles, California, there is a large population of people of African descent, and they have their own hospitals called the Cedars-Sinai Medical Center. These hospitals are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in universities. For example, in the city of Boston, Massachusetts, there is a large population of people of African descent, and they have their own universities called the Boston University. These universities are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in museums. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own museums called the Museum of the African Diaspora. These museums are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in libraries. For example, in the city of Chicago, Illinois, there is a large population of people of African descent, and they have their own libraries called the Chicago Public Library. These libraries are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in theaters. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own theaters called the Apollo Theater. These theaters are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in sports arenas. For example, in the city of Los Angeles, California, there is a large population of people of African descent, and they have their own sports arenas called the Staples Center. These arenas are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in parks. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own parks called the Central Park. These parks are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in beaches. For example, in the city of Miami, Florida, there is a large population of people of Cuban descent, and they have their own beaches called the South Beach. These beaches are home to many Cuban-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in airports. For example, in the city of Los Angeles, California, there is a large population of people of African descent, and they have their own airports called the Los Angeles International Airport. These airports are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in train stations. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own train stations called the Grand Central Terminal. These train stations are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in bus stations. For example, in the city of Chicago, Illinois, there is a large population of people of African descent, and they have their own bus stations called the Chicago Transit Authority. These bus stations are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in subway stations. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own subway stations called the New York City Subway. These subway stations are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in taxi cabs. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own taxi cabs called the New York City Taxi. These taxi cabs are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in limousines. For example, in the city of Los Angeles, California, there is a large population of people of African descent, and they have their own limousines called the Los Angeles Limousine. These limousines are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in helicopters. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own helicopters called the New York City Helicopter. These helicopters are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in airplanes. For example, in the city of Los Angeles, California, there is a large population of people of African descent, and they have their own airplanes called the Los Angeles International Airport. These airplanes are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in spaceships. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own spaceships called the New York City Spaceship. These spaceships are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in time machines. For example, in the city of Los Angeles, California, there is a large population of people of African descent, and they have their own time machines called the Los Angeles Time Machine. These time machines are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in parallel universes. For example, in the city of New York, New York, there is a large population of people of African descent, and they have their own parallel universes called the New York City Parallel Universe. These parallel universes are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

Ethnic groups in urban areas can also be found in the afterlife. For example, in the city of Los Angeles, California, there is a large population of people of African descent, and they have their own afterlife called the Los Angeles Afterlife. These afterlife are home to many African-owned businesses, restaurants, and cultural institutions, and they are a popular destination for tourists and locals alike.

[illegible], [illegible], [illegible], [illegible], [illegible].

[illegible] 1985 [illegible] è (Cooter, 1985); [illegible] è (Crabtree, 1985); [illegible] è (Fuller, 1982) [illegible] è (Fuller, 1985).

[illegible].

[illegible]: [illegible] (Kerner, 1829), [illegible] (Cams, 1846), [illegible] (Kiesewetter Karl, 1893), [illegible] (Haensel Carl, 1940); [illegible] (Tischner Rudolf und Bittel Karl, 1939, 1941).

[illegible] (Kaech Rene 1954, s. 2154ð 2158), [illegible] (Benz Ernst, 1977). [illegible] (Leibbrand Werner, 1937); [illegible] (Artelt Walter, 1951) [illegible] (Tischner Rudolf, 1924); [illegible] (Bremm Jakob 1930); [illegible] (Moser Fanny, 1935); [illegible] (Kupsch Wolfgang, 1985[illegible], 1985[illegible]).

[illegible], 250-[illegible] 10 [illegible] 13 [illegible] 1984 [illegible].

[illegible]

[illegible], [illegible] XVI, [illegible]: [illegible], [illegible], [illegible]

[illegible] XVII. [illegible] 1814 [illegible] XVIII. [illegible] 1820 [illegible] Academie de Medecine ([illegible]) [illegible]: Academie royale de Chirurgie ([illegible], [illegible] 1731 [illegible]) [illegible] Societe royale de Medecine ([illegible], [illegible] 1776 [illegible]), [illegible].

[illegible] 1823 [illegible] 23 [illegible] 36 [illegible] (aggreges). [illegible] 70-[illegible], [illegible] 1877 [illegible].

[illegible] 1835 [illegible] «Bulletin» [illegible] «Memoires». [illegible] 11 [illegible] ([illegible] 300 [illegible] associes libres nationaux et etrangers) [illegible].

[illegible] 1824 [illegible] XVIII, [illegible] XVIII[illegible]. [illegible] X. [illegible] X, [illegible] 1830 [illegible].

[illegible], 6 [illegible] 1824 [illegible]

ʃ ɑʃ⊐Oɑʃɑzzɻ tsʔʷʷjls

3 нjʕOʁtɕʷ 1824 ɢtsнOfɲjʕtɕjlsOtɕjɑʒOʕOнjɑʒʃɑʃ вr ɑzɑʕOLɑʕOɯjɑzɯʃtɑtsʷʷjɻfɲɲtstɕɯʃɲɑʃ⊐ɑʃOstɑʃɑʃɻ OɯɑʃLj *, ɑʕOɲʃɑʃfɲʕOəʰ ɑʃʔ çR fɲststɑʃᵍ ɯʃɑjɑzsə ʃ jɻнɑʃɯʃɑʃɑfɲʕtsʔ OʕOнjɑʒʃɑʃè (1850). ʕlstsвr ɑzs fɲнjɑʒOɑzs, ɑjɻfɲɑʒtslstɕʷ ɑʕOlzʕOL tsls 20 нjʕOʁtɕʷ 1820 ɢtsнO, ʃtɕjнtsfɲjsOəɑzʷəʰ ɑʃʔ fɲOɑʒsʔ OʕOнjɑʒʃɑʃ ʃtɑOəts ɑʃLвɑʃtɑOstʸ fɲjʕtɕjlsOɯʷ. ʃ lz⊐ʃ jɻfɲɑʒjtɑOʃtɑtsнtsɑzɯOɻjlsвlzнtstɑO ɯʃlsᵍ lzɑʒ

ɻ tɑtsʰ ɑzslzɯjɻнjfɲʸlsᵍ ɑjɻls, ʕOʕʃtɑO⊐tsfɲɑzsətstʃtsɑzsɯɑzʃɑʕOtʃɑʃɑʃʃɻjɻfɲɑʒjtɑOlztʃtsʕtsɑʃɑzfɲʸ ə ɑʒʃɑtɕj, Ol OɯɑʃtsɑʕOɑzɑzʕOʷ ɑjɻнɑʃɯʃɑʃɑfɲʕOʷ OʕOнjɑʒʃʷ ɑzʕOɯɑʃɑzʕOʷ fɲ1825 ɢtsнOəʳ ɑzɑzɯɯнjɑzʕOətɕjɑʒʷ tsls ətɕjɑjɑʒɑʃ ətsLətɑOᵍ OʕOsᵍ fɲʸ ʕtɑOfɲɲɑʒslstɕjɑʒɑʃᵍ jɻɢtsнjlsɑʃʰ Oð ɯʃɑətslsɑzsɢtsɑʒʕOɢɑʒjlsɑʃLɑʒO ɻ jɻtɑətsj ɑzʕOfɲstsʷlsjɑzɑzsj lstɕjвtsəOʕɑʃɑjɻ ə əɑʃнjɻ tʃɑʃfɲɑʒjɑzɑzsɢtsLOtʃtɑtsfɲʕOвr ɑzstʃtsɑzzɯjɑzstslsɯɑʃjɑzʕOɻ Oɯɑʃɯʃɑʃfɲʕtsɢts ɑjнɑʃɯʃɑʃɑfɲʕtsɢtsᵂᵂOʕlzɑzlsjɻlsO, н-tɑO ɻ tsɑzʷ ʌ lzOfɲɲʕOʕ, ə ʕtslststɑtsɑʒtsɑzɑʃLəjʰ OʕOzçl lsjɯjɻɑʃɑjɻ нəlz⊐ɑjjɻlsʷ jɻɯjɻнɑʃɑəɑzstʃtɑtsɑʃLətsɯlz ɑʒOɢɑʃjlsɑʃɯjɻfɲʕɑʃjɻ tstʃʳ lsʳ ɑʃtʃtɑɑʃʰ jɻɑzʕ lzвjɻɯjнjɻɑzʕᵍ , ɯʃlstsətɑOɯjвɑzʔ ɑʒʃɑʃtɕɑʃɑʃ нtsɑzɯjɻɑzвtsɑzʰ jɻ ɑʃɢɑzstɑɑʃɑtɑtsəOlsᵘ ɻlsts əjɻɑzʕtsjɻ tslsʕtɕr lsɑʃjɻ. ʃ tsɑʃ fɲtsɑʒɑzOɑʒвlzɑz tsвɑzOнOʸ ls fɲʃtsfɲtsвɑzsfɲjsᵘ ᵝ fɲtʃtsɑʒsʰ ɻ ᵝ tsнɑzsɢts tʃtɑɑʃʕtsfɲɑzsəjɻɑzʕʷ нɑʃOɢɑzsfɲjsɑʃtɑtsəOlsᵘ вtsɑʃjɻLɑzʕ ɑzɑzɯʰ jɻ fɲOɑʒsɢts ɻɑʃtʃtʃtsʕtɑOlsO, ɕ tslsʕtɕr lsts tsвʲ ʷəɑzᵂᵝ fɲjвʷ fɲjststɑtsɑzɑzʕtsɑʒɑʒOɢɑʃjlsɑʃLɑʒOɑʃ ʞjɻɑzOʸ , ɯʃlstsвr ʅ OɯɑʃtsɑʕOɑzɑzʕOʷ ɑjɻнɑʃɯʃɑʃɑfɲʕOʸ OʕOнjɑʒʃʷ tʃtɑtsəjɻtɑɑʃɑzOɑʃfɲjsɑʃɑzɑzɯʃ ɑʃ ɑzвjɻнɑʃɑzOfɲjə fɲʸʰ jɻfɲjsətsəOɑzʕɑʃ lz ɑzʕ⊐ɑʃ lzнɑʃəɑʃlsjɑzɑzɯʃ ɑʃ⊐ fɲʃtsfɲtsвɑzsfɲjsj ʔè (Foissac, 1925). ʕlsts tʃɑʃfɲjɑʒstsɢɑzOfɲʃɑʃɑʃ ɑʕOLOfɲjнOɑzʕɑʃ 11 tsʕlsʷвtɕʷ 1825 ɢtsнO

ʜtsнjɻtɑʞOəʰ ɑʃʔ fɲʸ ə tʃɑʃfɲjɑʒjɻtʃtɑɑʃLʳ ə əʳ ləOɑztʃtɑtslsjɻfɲjsвtsɑzʰ ɑʃɑzfɲjsəOɯʃɑjɻɑzɑzsə OʕOнjɑʒʃɑʃ. ɻ tɑtsʷʷjɻfɲɲtstɕ tɻjɻɑzɑsнɑʃɑzʕəʳ tɑOLɑʃɑzɑʒɑʃjɻɑzʕɑʃjɻ ɑʒɑzɑsɢʃ⊐ lzɯʃOfɲjsɑzʕʃtsə LOfɲjнOɑzʕʷ, ʕtsɢtнOfɲʕOLOɑz çɻOɯjɻɑʒɑzɑzʞɑʕO ʕtsɑʒʃɑʃfɲɲʃʷ, ɑʒOɢɑʃjlsɑʃLɑʒнOəɑzsʃtsʃ⊐tstɑtsɑʃjɻɑzɑ. çɻ jɻls, ɑjɻ tʃtsʃ⊐tstɑtsɑʃjɻɑz,jɻfɲɑzʕɑʃ ətsʕtɑzɢlstsɑzʕtsɑʃ tɑOLɢtsətstɑtsə, ɯʃlststs

*ɻ OɯɑʃLjʕlsʳjɻɑz(1770ð 1844) ð ʷʷtɑOɑzɑlzLfɲʕɑʃʔ tʃfɲʃ⊐ɑʃOstɕ, lzɯjɻɑzʕʃɻɑʃɑjɻɑzʷ, tɑOвtslsOəʰ ɑʃʔ tʃtsн jɻɢts tɑzʕtsətsнfɲjsətsɑʒə ɢtsfɲʃɑʃlsOɑjɻ ʜOɑzʃjɻlstɑʃ-jɻtɕ; ɯʃlsOɑzɑjʕɯʃɑʃ ɑzʕOʷʷOʕlzɑzlsjɻlsjɻ tʃts Oɑzɢlstsɑʒʃɑʃ ɑʃ ʷʷɑʃLɑʃtsɑtsɢʃɑʃ.

[illegible] *, [illegible] ***. [illegible]

[illegible], 13 [illegible] 1825 [illegible] ****; [illegible] 1813 [illegible] *****, [illegible]

* [illegible] (1776– 1842). ** [illegible] (1782– 1862). *** [illegible] (Bourdier de La Mouliere, 1757– 1831), [illegible] A. Royec-Collard.

**** [illegible] «Nouvelle Revue» 1 [illegible] 1882 [illegible].

***** [illegible] 1748 [illegible] (1677– 1761) [illegible].

[illegible]

[illegible] 20 [illegible]

[illegible]

[illegible] (z ts? j ls, 2004, fn 169).

[illegible]

* [illegible] (Desgenettes-Dufriche, 1762ð 1837),ð [illegible]

[illegible] (1813), [illegible] XVIII (1823), [illegible] (1825) [illegible] (1820) [illegible], 2004, [illegible] 206).

[illegible]

[illegible]

[illegible]

[illegible] **, [illegible] ***, [illegible] ****, [illegible].

* [illegible] (Jean-Andre Rochoux, 1787[illegible] 1852) [illegible].

** [illegible] (1774[illegible] 1852) [illegible] (1826[illegible] 1830).

*** [illegible] **** [illegible] (Dupotet de Sennevoy, 1796[illegible] 1881) [illegible] 30 [illegible] 500 [illegible] 1820 [illegible] (La Chaine rnagnetique[illegible]). [illegible] (1856); Manuel de l'etudiant magnetiseur (Paris, 1846); Traite complet de mag-netisme animal (Paris, 1856); Therapeutique magnetique (Paris, 1863).

ɻ-dzʀ lsɑtɕ* dʑ fŋsɢdɑɔ̃ɦɳɑdzɲʸ fŋlsɑ̃tsʔ tsɥjdɑ̃tsʔ. ʃ dzəʳ fŋɕɑlɑdzɲʸ ə lstsdʒfɳdʒʳ fɳɖjɦ, ɥlsts, ʙlzʜᴵ dʒɑɢdʑlsɑʃlɑdʒ tɕjɑdzɛ dʒɑʃdɑɔ[ətstsʙtɑɔɬɑ ɢjdʒʳ dʒɑɢɕjɑdʑstsdʒ ɻɢts əfɲj tɑɔəɑdʑs ɑdzɛɬɑ ɑdzɛɬɑ ɑʃfɲɳdʑɦtsəɑlsᴵ. ɕ[fɳɖzɑʃ dʒʳ ,ð fŋɕɑlɑdz tsɑdzð dʑ tɕjʰ ɑʃdʒɲʸ dʑɑᵁ lsts, lsts dʑɑɲʙlzʜlzls lzɕɬtsɛʷlsᴵ, ɑʃɻ lsts tʃtsfɳɖzɛɬɑ ɑʃls dʑ dʑɑɑtʃtsdzʟlz ɑɕɬɑɑɦjdʒʃɑʃ. ɻʳ ʟɑᵇ ɑʃʰ ɑɢjlsj ʜtsfŋstsɑʃɑdzfŋsəts ɑɕɬɑɑɦjdʒʃɑʃ, ɑʷ tʃtsdʑɑɢɑᵍ , ɥlsts dzɑʃɥjɢts dʑ dʒtsɤɻjɻls ʙʳ lsᴵ ʜtsfŋstsʔdʑjɻ lstsɢts lzɥjɻ dzɑsɢts, ɬtslststɛʳ ʔ ɤɻjɻ dʑɑjɻls lzʟdʑɑɢlsᴵ lsts, ɥjɻɢts tsdzɑdʑ ʟdʑɑjlsè.

ɻ-dzɾ tstɛɤɻjɻ** tʃtɕj ʜtsfŋstɕjɻtɕj ɢʳ tɑɔʟɢtstɛʷɥɑʃəʰ ɑ̃ɔ̃fɲʸ ɑɬɑɔɦjdʒʃɑɬtsə: ɕ[ts lzfŋstɑɔdzɑsəɑdʑjdzɑʃʷ ɑʃfŋstɑʃɑdzɛ dʑ tsʙɔ̃tsʜɑʃɑdʒɑs tʃtɕjɬɑɔɬɑʃlsᴵ tɑɔfŋstsɥɑɔlsᴵ ə ɑɦtɕjɑ fɳɑdʒɑɔɢdʑ lsɑʃʟjɻtɑtsə tʃtɑtsʟəɑʃʰ jɻ "ʰ ɑɦɑdɑɔlsɑɔdzɛ. ɾ jɻʔfŋstəɑʃʷ ʰ ɑɦɑdɑɔlsɑɔdzɑsə fɳjɬɑɔɦjdʒʃɑʃ , ɑʃtsdzɑʃ ʜjɻtɤɻɑɔlsə lsɑʔdʑ fŋʒtsɑʃ fɳɖjɦjʜfŋstəɑ), lstsɢʜɑɔɬɑɢ dʒɑɢɕjɑdʑ lsɑʃʟjɻtɑʳ dʑ tʃjɻtɕj fŋstɑʸ ls ʜtsdʒtsɢɑɔlsᴵ fŋʸ tɑɔfŋstɑɖjɦtsəɑdzɑʃʔ, ʜjɻʔfŋstəʟzʷ ʷəɑdzs, tʃtsəlststɛʷʷ dʑ tʃtɕj fŋstɑɔdzɑdzs: "ɾ jɻ dɑɔʔlsj lsɑɬ, ɬɑɬ dzʳ , ɑʃ tʃtsdʑɥɑʃlsj lsj ɤɻjɻ tɕj ʟʟdzʟlsɑɔlsʳ "è. ɹ ɑɔlsj dʒtsdzʜtsʙɑɔɑʃdɑɔ çɬ lstsɑʃlsjɻʰ jɻ tsʙtɑɔlsɑʃlsᴵ əɑdzɑʃdʒɑɔdzɑʃjɻ dʑɑɔ lsts, ɥlsts lɑᵇ ɑʃlsɑdzɑʃɬɑɔdʒɑʃ ɤɻɑʃətslsɑdzsɢts dʒɑɢɕjɑdʑ lsɑʃʟdʒɑɔʷəɑdzᵛᵚ lsfŋʸ lsj, ɬlsts dʑɑʙdzʰ ʜɑɔdzɑʃ ɑʃfŋɳdʑjɦtsəɑɔdzjɢts, lsj ɤɻjɻ, ɬlsts ɔ̃tsɥjɻ ls ʃtɑtsɑʃʟdʑ fŋlsɑʃjɻʰ ɑʃʔ ɑʃʟ ɑɬɑʃɥjɢts ts dʑ dʒdʑ ʟdʑɑᵇ lsè.

ɻ-dzʃ jɻdʒtsdzjɻ, tslsjɥɬtslststɑtsɢts ʙʳ dzɑdʑʔʙ-dʒjʜɑʃɬtsdʒʃᵚ ʜtsəɑʃɬXVI fŋ1770 ɢtsʜɑ), tʃtsɤɑɔdzsəɑdzɳʸ ɑʃ tʃtɕjʜtsfŋsjtɕjɢ: ɕɥlszʜjdzsʳ fɳʃtɑɔᵇ ɑʃəɑᵇ ls dʒjdzʷ ts dʒɑɢɕjɑdʑ lsɑʃʟdʒjɻ, ɑʷ dʑ ʟdzɑᵇ , ɥlsts tslsəjlsɑʃlsᴵ. ɬ ɑɬɑʙʳ dʑ fɳdzɥɑʃɑdzsfŋ lsɑɬ, ɥlsts, tslsɬdzsdzᵚᵚ tɑɔfŋstɑɖjɦtsəɑdzɑʃjɻ, dʒʳ tʃtsʜəjtɑɔɢdʑ dʒfŋʸ lzʃtɕj ɬlz ə tsfɳɖjtʃdʑ dzɑʃɑʃ ɑʃ tslsfŋsɑɔdzsfŋsɑʃè.

ɻl ʟɑɬdzʸ ɥjdzɑʃjɻ fŋsɑɔtɕj ʔʰ ɑʃʔ ɑʃʟ ɑɬɑɔɦjdʒʃɑɬtsə ɔ fŋstsdzʃtɑtsɑʃʟdʑ fŋʙdʑ fŋsʷfʰ lzᵚ tɕjɥᵘ ə tʃtsdzʟlz ɑʃfŋstɑɖjɦtsəɑɔdzɑʃʷ ɤɑʃətslsɑdzsɢts dʒɑɢɕjɑdʑ lsɑʃʟdʒɑɔ. ʈ jɻɑɬɥɑʃʷ tʃtsfɳɖjɦtsəɑɔdzɑʃʟɑɔdʑjɻʟɑɔdʒɦdzʃlsjɻdzɻdzs. ɹ tɑtsʷjɻfŋstɛ ʌ tɑɔdzɑfŋzɑɔ∫ ɑɔɬɑɔdzʜɑʃ ɑʃtɕjɻʟɑʜjɻdzs ɹ ɑɔdzɑʃɤɻfŋɬtsʔ dʒjɦɑʃɥɑʃdzɑfŋɬtsʔ ɑɬɑɔɦjdʒʃɑʃ ʌ tɑɔdzɑfŋzɑɔ∫ ʟzʙɑdz, fŋstɳdzɑɔʰ ɑʃfŋ dzɑɔlsts, ɥlsts tstʃʳ lsʳ tʃts tʃtɑtsəjɻtɑɬɻ ɑɔtʃtɑʃtsɑdzs dʑ dʒtsɢʟzls tslsdzʃɥɑɔlsᴵ fŋʸ dzɑɔʜjɤɻdzstsfŋjsᴵᵚ ɑʃ dzɑɔʜdʑɤɻɑɔᵇ ɻʔ lstsɥdzstsfŋjsᴵᵚ , tslsɬɑɔlɑdzʃfŋ tslslzɥɑɔɳstsɑʃʷ ə ɬtsdʒʃɳɖjɳʃɑʃ. ʜtɕj ʜɑʃ fŋstʙtɑɔʰ ɑʃʔfŋʸ dzɑɔdʒtsdzsəjɻdzɑʃjɻ ətsʟdzɑʃɬdzs ʟɑɔdʒjʰ ɑɔlsjɻdzʳ fŋjsəts.

* ʀ lsɑtɕɾ ɑɔdzɾʃ ɑɔdzɬɻɑɔtɕ (1774ð 1838) ð ərʜɑɔᴵᵚ ʰ ɑʃʔfŋʸ ᵚᵚtɑɔdzɥlzʟfŋɬɑʃʔ ətɑɔɥ, tstʃɑʃfŋɑɔdzfŋɳdzɥɑɔʔ fŋʃtsdzɬsɑɔdzɑzɢts tʃdʑəʒtslststɑɔɬɑʃfŋɑ)

"ɾ tstɛɤɻjɻ (Georget, 1795ð 1828) ð ɑʃʟəjɻfŋsdzɻʔ ᵚᵚtɑɔdzɥlzʟfŋɬɑʃʔ tʃfŋɑ̃ɔ̃[ɑɔlstɛ, tʃtɑɔɬɑʃlsɑʃɬtsəɑᵇ ɑʃʔ ə tʃɑɔdɑɔɬɑʃɤɻ fŋɬtsdʒɢtsfŋʃɑʃlsɑɔdzɻ La Salpetriere. ɾ ɢts tɑɔʙtslsɑɔçʃ tʃtsdzjʰ ɑɬsjdzʃfŋsəjè fɳɥɑʃlsɑɔɻlsfŋʸ dzɑɔɬəʳ fŋɻ ɑʃdʒ ʜtsfŋsɑʃɤɻjɻdzɑʃjɻdzʒtʃfɳɑ̃ɔ̃[ɑɔlstɑɑʃɑʃ.

ʆ ꭗ˭ʘꭗʣʐ ʦʔᵂⱼls

ɢʣʘʣ ʔ ɘʨʘɥ ꭗʟɘⱼ ʩʦʣʦɢʦ ʧʘʨꭗɣ ʩʦɢʦ ɢʦʩʧ ꭗlsʘʣ ʆ lsⱼʣ -ɼ ᴵ ʸ, ʧʨʦʷⱼ ʩʧʦʨ ɸ ʣʨꭗ-ʆ ʘʨꭗ Ʒ ʩʧʦʣ (1772ð 1853), ʨʘlsʦɘʘʣʟʘʧʨꭗʟʣʘʣꭗⱼ ɣ ꭗɘʦlsʣʦɢʦ ʤʘɢʣ lsꭗʟʤʘ ʏ lsʦ ɣⱼ ⱼɢʦ ʟʙⱼʜꭗʣʦ ɘ ʨⱼʘʣ ʣʦʩꭗ ʤʘɢʣ lsꭗʟʤʘ?

ꟾ ʦʜꭗʣʧʨⱼʕʨʘʩʣ ʔ ʜⱼʣ ɢʦʩʧꭗlsʘʣ ʆ lsⱼʣ -ɼ ᴵ ʸ ʧʦʩʣɣ ꭗʣlsⱼʤʦʩ ʣʦʤ ʣʘʕʦlsʦʨʦʤʧʨʦʰ ⱼʣ ʧʨʦɘⱼʨʕʟ ɣ ꭗɘʦlsʣ ʔ ʤʘɢʣ lsꭗʟʤ ɪ ʟʜʟɥꭗⱼʰ ⱼ ʩʟʜⱼʣʦʤ-ʤⱼ ʜꭗʕʦʤ ʩʣʰ ʘʰ ꭗʤɘ 1820ð 1821 ɢʦʜʘ˭ ʣⱼʕɥꭗꭗ Ʒ ʩʧʦʣʘ, ɘ ʆ lsⱼʣ -ɼ ᴵ ʸ ʷɘꭗʣʩ ʙʘʨʦʣɼ ᴿ ʧʦlsᴵ ꭗ ʧʨⱼʜʣʦɣ ꭗʣʩ ʙʷ ɘ ʕʘɥ ʩɘⱼ

ᵂʣ ꭗʜʦlsⱼʨʘʧⱼɘlsʘ ʆ ʣʩʕʘʟʘʣ ɥlsʦ ˭ʦɥls ʤʘɢʣ lsꭗʟꭗʨʦɘʘlsᴵ ʙʦʣʣ ˭ ʩɥⱼʣ ᴿ ʟʙⱼʜꭗlsᴵ ɘʨʘɥⱼʔ

ᴵlsʦɢʦ ʟɥʨⱼɣ ʜⱼʣꭗʷ ɘ ʨⱼʘʣ ʣʦʩꭗ ɣ ꭗɘʦlsʣʦɢʦ ʤʘɢʣ lsꭗʟʤʘ ɼ ɢʦ ʧʨꭗʣʷʣꭗ ʩɘʳ ʩʕʦʤⱼ ʨʣʦʔ

ʟʩʤⱼʰ ʕʦʔ ꭗ ʧʨⱼʜʣʦɣ ꭗʣꭗ ʦʜʣ ʙⱼʟʘʜⱼɣ ʣʦ ʙʦʣʣᴿ ʜⱼɘʟʰ ʕʟ. ʆ ʣʘʙʳ ʣʘɘ ʕʨʘʔʣⱼʔ ʩⱼʧⱼʣꭗ

ꭗʩʦʰ ⱼʣʘꭗʟ-ʟʘʣⱼʧʨⱼʕʨʘ ʘ ʰ ⱼʔʩ ʨɘʦlsʳ. ꟾ lsⱼɥⱼʣꭗⱼ 9 ʣⱼʩɥⱼɘⱼⱼ ꭗʣlsⱼʣʩɘʣʦ ʣⱼɥꭗʣꭗ ɘʩⱼʤꭗ

ʩʟʰ ⱼʩɘʦɘʘʰ ꭗʤꭗ ɘ lsʦ ɘʨⱼʤʷ ʩʧʦʩʙʘʤꭗ: ʩɘꭗʣꭗ 1200 ʧꭗʷɘʦʕ, ʧʟʩʘʣꭗ 20 ʨʘʟ ʕʨʦɘᴵ,

ʦʙʕʣʘʜʳ ɘʘʣꭗ ʣʜʦʤ ʜʘʘʣꭗ ʧʨꭗɢʦʨʰ ʣʷʤꭗ ʩʣʘʙꭗlsⱼʣʣʦⱼ, ʦʧꭗʔ ꭗ ʣʟʩʟʩ ʣʦ ʣꭗɥⱼɢʦ ʣⱼ

ʧʦʤʦɢʘʣʦ. ꟾ ʧʦʣʦʤʟʧʘʜʕⱼ ʩꭗʣⱼⱼ ʧʨꭗʣⱼʩʣꭗ ʣʘʣʦʩꭗʣʘ˭ ɘ ʦlsʜⱼʣʣᴿ ʧʘʣʘlsʟ. ɼ ᴿ ʧʦlsᴵ

ʤʘʣꭗʧʟʣꭗʨʦɘʘʟʣʘʜ ʣⱼʔ 20 ʤꭗʣʟs, ʧʦʩʣⱼ ɥⱼɢʦ ʨɘʦlsʘʧʨⱼʕʨʘlsꭗʣʘʩ, ʧʦʩⱼʧⱼʣʦ ʜⱼɘʟʰ ʕʘʩʘʣʘ

ʧʦʧʨʘʘʣʷlsᴵ ʩʷ. ɩ ⱼʩʦlsʦʨʷ ʣʘʦɥⱼɘꭗʜʣ ʔ ʟʩʧⱼ˭, ʦʣʙʳ ʣʦʙʲ ʷɘʣⱼʣʰ ʘʨʣʘlsʘʣʦʤꭗ ⱼɢʦ ʜʘʣ ʣⱼʔʰ ꭗⱼ

ʦʧʳ lsʳ ʟʘʧʨⱼʰ ⱼʣ.

ɟ ʦ ʧʨʦʰ ⱼʩɘꭗꭗ ʣⱼʕʦlsʦʨʦɢʦ ɘʨⱼʤⱼʣꭗ ʙʘʨʦʣɼ ᴿ ʧʦlsᴵ (ʦʜꭗʣꭗʟ ɢʣʘʣ ˭ ʩʦʣʧʦɘ

ᵂʣ ꭗʜʦlsⱼʨʘʧꭗꭗ, ɥꭗlsʘʰ ꭗʔ ʧʟʙʣɥʣ ⱼ ʣⱼʕɥꭗꭗ ɘ ʧʘʨꭗɣ ʩʦʤʟʘʣⱼ çɸ lsⱼʣⱼè, ʣʘʕʦlsʦʨ ⱼ

ʩʦʙꭗʨʘʣʩʷ çɘⱼʩ ɟ ʘʨꭗɣè) ɘʧⱼʨɘʳ ⱼ ɘ ʤⱼʜꭗɥꭗʣʩʦʔ ʧʨʘʕlsꭗʕⱼ ʧʨʦɘʦʜꭗls ɘ ʆ lsⱼʣ -ɼ ᴵ ʸ

ᴵʕʩⱼʨꭗʤⱼʣs, ʕʦlsʦʨʳ ʔ ʦlsʕʨʳ ʣʣʦɘʟᴿ ʩʨʘʣꭗɥʟ ɘ ꭗʩʧʦʣ ʟʦɘʘʣꭗꭗ ɣ ꭗɘʦlsʣʦɢʦ ʤʘɢʣ lsꭗʟʤʘ ʕlsʦls

ʧⱼʨɘʳ ʔ ʣʘʟɥʣ ʔ ʦʧʳ ls, ʧʦʣʟɥꭗɘʰ ꭗʔ ʦlsʨʘɣⱼʣⱼ ɘ ʣꭗlsⱼʨʘlsʟʨⱼ, ʩʦʩʦʷʣʩʷ 7 ʣʦʷʙʨʷ 1820 ɢʦʜʘɘ

ʧʨꭗʩʟlsʩɘꭗꭗ ʰ ⱼᵂʘʕʣꭗʣꭗʕꭗ ʆ lsⱼʣ -ɼ ᴵ ʸ, ꭗʟɘⱼ ʩʦʣʦɢʦ ˭ꭗʨʣʟʨɢʘ, ʧʨʦʷⱼ ʩʧʦʨʘʤⱼ ʜꭗɥꭗʣʩʕʦɢʦ

ᵂʘʕʟʣ lsⱼlsʘɟ ʘʨꭗɣ ʩʕʦɢʦ ʟʣꭗɘⱼʨʩlsⱼlsʘꭗ ʂ ʦʣʣⱼɣ ʜⱼ ʌ ʨʘʣʩɼ ʦʟⱼᵂʘʈ ⱼʕʘʤⱼ.

18 ʣⱼlsʣʷʷ ʜⱼɘʟʰ ʕʘʧʦ ᵂʘʤꭗʣꭗꭗ ʉ ʘʤʩʣʙʳ ʣʘʟʘɢʧʣʦlsꭗʟꭗʨʦɘʘʣʘɼ ᴿ ʧʦlsᴵ. ʈⱼʕʘʤ ⱼ

ʜʦʙʨʦʩɘⱼʩʣʦlsʨʷʩʰ ꭗʧʘʣꭗ ʕʦʣʦʣʜⱼɘʟʰ ʕʟ ꭗɢʣʦʔ, ʣʦ ʦʣʘʣꭗɥⱼɢʦ ʣⱼ ɥʟɘʩɘʦɘʘʣʘ ʕlsʦ

ʣⱼʤʘʣʦ ⱼɢʦ ʟʜꭗɘꭗʣʦ, ʦʜʣʘʕʦ ʣⱼ ʜʘʣʦ ʧʦɘʦʜʘʟʩʧʤʣꭗlsᴵ ʩʷ ɘ ʧʦʜʣꭗʣʦʩꭗ ʧʨʦꭗʩ˭ʦʜʷʰ ⱼɢʦ. ɼ ʘʣⱼⱼ

ʣʘʕʦɣʟ ʜɘʟ˭ ʙʦʣʣ ˭, ʧʦɢʨʣʟɣⱼʣʣ ˭ ɘ

ৰ ড় তৱ৹ফ্ষ্ত৺ ৰ্ড় ড় ৰ্ডস্ত৹ ঘ্ড়ড্ড়ৰ্ড়ৰ্ড়ৰ

ɗz ⊐ fʁ j lsɖʃɗzɗzʝ нɖʃцɖʃɗz ţ j ʕʘɗʒ j , ɗzɑʃʕtsɢʰʜʘɗʝ нtsʃʃzfɲʕʘᵊ ɖʃ? ɗʒʳ fɳɑzʃ ts tɐʝ ʘɗz ɗzʂsfɲʂsʃ ɤ ɖətslsɗzʂsɢts ɗʒʘɢɗʝ lsɖʃʟɗʒʘɖʃ j ʰ j j ɢts ɗʝ ɥʝ в ɗzʂsɢts ʟɗzʘɥʝ ɗzɑʃʷ, вʅzнʅzɥʃ fʁɖʃнj lsj ɗʝ ɗʒɗʝ tsвʳ ʕɗzʂəj ɗzɗz ⊐ tɐʝ ʟzɗz lsʘtstsə, ʧtsɗzzɥʝ ɗzɗz ⊐ ə ∫ lsj ɗz -ɾʲ ʸ, ɖfɲʕtɐʝ ɗzɗʝ fɳsʟɗzʘɗfɲʸ: ɕ(ʧtsʕtsɗʝ в ɗʝ ɗzə fʁtsɖ⊐ əʟɢɗzʷʜʘ⊐è. ∫ нɗzʘʕts ʧtɐtslsɖəɗzɑʃʕɖʃ ɤ ɖətslsɗzʂsɢts ɗʒʘɢɗʝ lsɖʃʟɗʒʘtslsʕʘʟʳ əʘɗzɖfɲ əʝ tɐɖʃlsᵘ ə ʧtsнɗzɖʃɗzɗzsfɲʲ ʲʕfɳʧʝ tɐɖʃɗʒʝ ɗzstsə, ʧtslstsɗʒz ɥlstsfɳzʰ ʝ fɳʲətsəʘɗzɑʃʝ ɗʒʘɢɗʝ lsɖʃɥʝ fʕfɳʧtsɢts ʷʷ ɗz ɖнʘʕʘʟʘɗzsfɲ ɖɗʒɗʒ ɗʝ ətsʟɗʒtsɤ ɗz ɗʒfɲlstsɥʕɖʃ ʟtɐʝ ɗzɑʃʷ ɗʝ ʔtɑtsʷʷ ɖʃʟɖʃtsɗzsɢɖʃ. (ʁ tsɗzɑʃ вʳ ɗzɑʃ ʧtɐʘᵊʳ , əʝ нᵘ ʷʷ j ɗzʂsɗʒʝ ɗz tsвʝ ʟвtsɗzɑʃəʘɗzɑʃʷ ð ʧfɳɑʃ⊐tsɗzsɢɖʃɥʝ fʕfɳʧtsʔ ʧtɐɖʃtɑtsнʳ , ɖʃ ɗzɑʃʕʘʕtsʔ ʷʷ ɗz ɖнɖʃɥʝ fʕfɳʧtsʔ ɤ ɖʃнʕtsfɲʂsʃ ɖʃʟ ɗʒʘɢɗʝ lsɖʃʟʝ tɑtsə ʧtɐɖʃ ʲ lstsɗʒɗʝ ɖʃfɲʂsʝ ʕʘʝ ls.) ʂ ɗzʂsʕʝ tslsəʝ lsɖʃɗz, ɥlstsˌ ⊐tslsʷ tsɗzɗʝ ɗʒtsɤ ʝ ls ɗzɑʃɥʝ ɢts tsвʲ ʷfɳɑzʃlsᵘ , ɖʟɗzʂɤ ʝ ɗzɑʃʝ ʝ ɖʃɗʒʷʷʘʕlsʳ ɗʝ tsʧtɑtsəʝ tɐɤ ɖʃɗʒʳ ɖʃ ɥlstsˌ çɖfɲʂsʃɖzʘˌ ʕʘʕtsʔ вʳ ɗʝ əʝ tɑtsʷlsɗzʂsʔ tsɗzʘɗzɑʃ ʕʘʟʘɗzɢfɲ, tsfɲʂsʘʝ lsfɲʸ, lsj ɗʒɗʝ ɗʒj ɗʝ j , ɖfɲʂsʃɖzʂsʔ, ɖʃ tsɗzʘʜtsɗzɤ ɗzʘfɲʂsʘlsᵘ нtsfɲʂtsʷɗzɑʃʝ ɗʒɢɗzʘfɲɗzʂsfɲʂsʃɖʃè (Cloquet, 1929, tɕ. 131ð 134).

ʅ ʘʜtsʟɗzʘlsᵘ ɾ ᵡ ɗzʷ ɾ j tɐɗʒj ɗzʘʂ ɗzʂʕj (Cloquet, 1790ð 1883), ʧtɑtsɖʃfɲ⊐tsнɖʃəʰ j ɢts ɖʃʟ вtsɗzʰ tsʔ fʁj ɗʒʲ ɖʃ ʷʷ tɐʘɗzɑʅzʟfɲʕɖʃ⊐ ətɐʘɥʝ ʔ ʂ ɗzʂʕj . ʃ нɗzʂʔ ɖʃʟ tsfɲʧsвʝ ɗzɑzʂsfɲʂsʝ ʔ j ɢts ⊐ʘɐʘʕlsj tɐʘвʳ ɗzʂ ʧtɐɖʃfɲʂtɐʘɢfɲʂsɖʃj ʕ ɗzʂəʘlststɐfɲʕɖʃɗʒɗʒʝ lstsнʘɗʒ ∫ ɗzɑвʳ ɗztsнɗzɖʃɗʒɖʃʟ ʧj tɐəʳ ⊐ ʷʷ tɐʘɗzɑʅzʟfɲʕɖʃ⊐ ətɐʘɥʝ ʔ, ʧtɐɖʃɗʒj ɗzɖʃəʰ ɖʃ⊐ ɖʃɢɗzʂlsj tɐʘʧɖʃᵡ ; ʧtsвʳ əʘɗzʅz ɻ ᵡ ɖʃfɲjɢᵟ tɐʘə ɹ ᵡ ʟʘɗzfɲɖʃ ɖʃ ʕʘʕ tsɥj əʝ нj ɥ tsʧɖʃfɲʘɗzjɢts ɻ ʕfɳʧj tɐɖʃɗʒj ɗzʂʳ , ʧtsfɲɗzj ɥj ɢts ʅzəɗzʕʕfɳʝ ɗʒʘɢɗʝ lsɖʃʟʘɥɖʃj ʔ . ʜ ɗzɑʘɥʘɗzʘʂ ɗzʂʕj ð ʧtɑtsʷʷ j fɳfɲtɕ lsj tstɐj lsɖʃɥj fʕfɳʧtsʔ ⊐ɖʃtɑzɑtɑɢɖʃɖʃ, ʟʘlsj ɗʒ ə 1834ð 1841 ɢtsнʘ⊐,ð tstʧj tɐʘlsɖʃəɗzʂʔ ⊐ɖʃtɑzɑtɑɢɖʃɖʃ ɗzj нɖʃɥɖʃɖzfʕtsɢts ʷʷ ʘʕʅzɗz lsj lsʘɻ ʘɑɖʃɤ fʕfɳʧtsɢts ʅzɗzɑʃəj tɐfɲɥʧlsj lsʘ, ʟʘəj нʅzᵡ ʰ ɖʃʔ ⊐ɖʃtɑzɑtɑɢɖʃɥj fʕfɳʧtsʔ ʕɖzʃɑzɑʕʕtsʔ ∫ lsj ɗz -ɾʲ ʸ, нtsfɲʂsʘᵊ ʰ j ʔ fʲʸ j ɗʒʅz ə ɗzɢfɲɖʃj нfɲʂəts tsls ɾ ᵡ ʧᵡ ɖʃlstɐj ɗzʘ) fɲɥɖʃlsʘᵊ ʰ j ʔ fʲʸ ɢɗzʘəɗzʂʔ ⊐ɖʃtɑzɑtɑɢɖʃɥj fʕfɳʧtsʔ ʰ ʕtsɗzʂʔ ə ɗʒʧtɐj . ∫ ɗz ɗzʘʟɗzʘɥʧʝ ɗʒfɲlʂsʃɲʸ ə 1851 ɢtsнʅz ɗzj ʔ в-⊐ɖʃtɑzɑtɑɢtsɗʒʅ ʘʧtsɗzj tsɗzʘIII, fɲ1855 ɢtsнʘɖʃʟвtɐʘɗzɥɗzj ɗzʂɗʒ ʌ tɐʘɗzɑʅzʟfɲʕtsʔ ʘʕʘнj ɗʒʧɖʃɗ. ɾ ɢts fɲ ɗzʃ ʅzɖʃ ʂ ɗzʂʕj (1818ð 1856), ɗzj ʔ в-ɗʒj нɖʃʕ ʧj tɐfɲɥʃнfɲʕtsɢts ʰ ʘ⊐ʘ) tstɑɢʘɗzʧʟtsəʘɗzə ʊj ɢɻ tɐʘɗzj ɗʒj нɖʃɥɖʃɖzfɲʕʅzᵡ ʰ ʕtsɗzz.

ʃ ɢɗzʘᵊ j ɗzɗzʔ ʔ ʟɗzʘɗʒj ɗzɑʃʲ ɗʒ⊐ɖʃtɑzɑtɑɢtsɗʒʷʷ ʘʕʘlsв ʳ ɗzɗzɑfɲʧtsɗzʔ ʕts ɗzj əj tɑtsʷlsɗzʔ ɗʒ ɥlstsʂ ɗzʂʕj əlststɑʃɥʘɗzs ʧtɐʃɢɗzʘfɲɥʃɖzɑʃ ɖʃʟɗzʂɤ ɖʃʃ j нɖʃɥɖʃɖzfʕtsʔ ʘʕʘнj ɗʒʃɖʃ ʧtsнtɑtsвɗzʂfɲʧsʃ ʧtɐtsəj нj ɗzɗzʔ tstʃj tɐʘɥɖʃɖ. ʅ ʘfɲj ʔ tɐʘʟ tsɗzʕʧtɐj нfɲʧʘəɖʃɗztsʷ ɖʃɥɖʃʘᵊ ɖʃɗʒʃ ə tstʃj tɐʘɥɖʃɖ ətɐʘɥʘɗʒʃ. ʕ lstsls tslsɥj ls вʳ ɗztʃtɐj нfɲʧʘəɗzj ɗzəʧ ʕʘнj ɗʒʃɖʃ ⊐ɖʃtɑzɑtɑɢɖʃɖʃ, ʕ fɳɥtsəʅz, fɳвtsɗzʰ ɖʃɗʒʃ lstɑzнɗzʂsfɲʧʷɗʒʃ tslsнj ɗzɖʃəʰ j ʔ fʲʸ

[illegible] 1731 [illegible] 1829 [illegible] ç Les archives generates de medicine, t. XX. p. 131 et suivantes è. [illegible].

[illegible] (Plantin), [illegible] 64 [illegible]

1828 [illegible] (Chapelain). [illegible] 23 [illegible]

[illegible] 12 [illegible]

1829 [illegible]

[illegible] (Pailloux) [illegible]

[illegible] 10 [illegible] 12 [illegible]

[illegible]

[illegible] 48 [illegible].

[illegible]

[illegible]

[illegible] (Lagandre). [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] (Moreau), [illegible] (Dronsart) [illegible]

ç lstscñts z¸ Ơfj¸dzj¸dzzslsəj¸dzj¸j¸ ə fɱsfɱjнdz» ʁ ʕtscʒdzƠslz, cʃ, dzj¸fɱdzʒslstc«w dzƠçlsts, tscdzƠəcʃнj¸dzƠʃtɑtscʃfɱʃtsнwfh j¸j¸
ʃtɑcʃ əfɱʃtɑr lscʃcʃ.
ş ƠʃÍ lstscdz»ʕts dzƠuƠdzsfɱ əfɱʃtɑr lscʃj¸, tscdzƠLƠñtsətstɑcʃdzƠ
ð ɪ ƠujcdʒtscdzʃtɑƠfɱʃtɑr əƠr lsñtɑdzнu ʃtsfɱjtɑj¸нcʃdzj¸, ʕtsñнƠʃtstɑƠɬj¸dzʃj¸ ə ʃtɑƠətsʔ ʃtscdzsəcʃdzj¸ ñtɑdzнcʃ...
ɪ tsʕƠLƠdzʃw fɱscdzdzƠdʒʁlzdz ʁr dzʃ lstsɥdz¸, ts ɥujcdʒfɱəcʃнj¸lsj¸dz fɱjsəlzj¸ls əj¸нh cʃʔ ʃtɑtslstsʕtscdzəfɱʃtɑr lscʃw н-tɑ
ʃ tɑƠdzfɱɱɑ. Ɪ tslsñdzƠədz j¸ cʃL dzj¸ñts cʃLədzj¸ɥujdzʃw:
ç1 tɑtslstsʕtscdzəfɱʃtɑr lscʃw lsj¸dzƠñ-ɤcʃ ɪ dzƠdzscʃdz¸ 29 Ơʃtɑj¸dzw 1829 ñtsнƠ ơsj¸dzts ɤ¸j¸dzstsəƠlstsˉʁdzj¸нdzsj¸,
fɱʃdz dzts ʃtsˉlzнj¸əh j¸j¸. ʈ ƠdzƠdzƠ3/4 ɥcʃʕƠlstɑcʃLtsəƠdzƠ; ʃtsəj¸tɑˉdzsfɱlsu j¸j¸ ʃtsʕtɑr lsƠdʒwfɱdz¸ dʒʃ fɱsfɱsɥʕƠdʒʃ
ˉtstɑtsh j¸ñts fʁtsʔ fɱlsəƠ ş tɑƠv tɑƠdz¸ ʃdzsfɱʃcʃ cʃ ʃtsʕtɑr lsr tɑlzʁ ɥtscdʒdzsətsñts tsʁtɑƠLtsəƠdzʃw. ɪ tɑcʃ əfɱʃtɑr lscʃcʃ
ñtɑlzнcʃ dzƠʔнj¸dzts, ɥlstsʃtscdzsfɱlsu ʃdzj¸ətɑr ʃtɑƠətsʔ fɱststɑtscdz¸ dzƠʃtscdzdj¸dzƠdʒlsdzsʔ ədzƠñtsʔ; fɱlsj¸dzʔcʃ
ʃtsʕtɑr lsr dʒwñʕcʃdʒɤcʃtɑtsəcʃнdz¸ dʒər ʃtslstsdʒ ə tsfɱsʁj¸dzdzsfɱlscʃ fɱƠнcʃ; dj¸ñʕtsj¸ ʃtscdzdzsfɱlsu ʁ fɱɤƠdzsfɱ;
dzƠнtɑj¸Lr , fɱnj¸dzƠdzdz¸ j¸ dzƠLƠнdzʃˉ j¸ñts нtscdzwˉ, tsʁdzƠdzɤcʃəƠv lsʃtɑcʃLdzƠʕcʃ ətsfɱʃƠdj¸dzʃw dj¸ñʕtsñts;
tslslslzнƠər lsj¸ʕƠ¸lsɤcʃнʕtsfɱlsu fɱjtɑtsLdzts-ñdzʔdzƠv, dʒj¸fɱlsƠdʒʃ ʁj¸dztsəƠlsƠv, dʒj¸fɱlsƠdʒʃ fɱjtɑtsəƠlsƠv... Ɪ tsLdj¸
fɱjtɑnj¸ɥdzts? fɱlzdʒʕcʃ fɱtsnj¸tɑɤcʃlsfɱy tsls 3ð 4 lzdzɥcʃʔ ɤcʃнʕtsfɱlscʃ...è cʃ ls. н.
ʉ dj¸нlzg lsʃtsнʃcʃfɱʃ.
ʃ ʃcʃfɱƠdzdz¸ j¸ fɱtsʁr lscʃw əLwlsr cʃL ʕdzʃcñcʃ: çEssai de Psychologie physiologique, par Chardelè (Paris, 1844, pp. 260ð 264 cʃ 277ð 283 ect.)\
ş tsñнƠн-tɑş dztsʕj¸ cʃLdzƠñƠdzdzƠLñfɱjнƠdzʃcʃ ƠʕƠнj¸dʒʃcʃ tɑj¸Lzdz lsƠls fɱptsj¸ʔ tsʃj¸tɑƠɥcʃcʃ, ɥcdj¸dzƠʕƠнj¸dʒʃcʃ
ʃ Ơdtɑtɑj¸ʔ (D. J. Larrey, 1766ð 1842) ʃtɑj¸tɑəƠdzj¸ñts LƠdzj¸ɥcƠdzʃj¸dʒ; çʕ lsƠñtsfɱʃtsɤƠ¸əj¸tɑtswlsdzts,
ʕtscdj¸нcʃƠdzsʕƠ..è ʈ j¸ʃdzcʃʕƠtsLdzƠɥcƠdzƠ; ɥlstsʃ Ơdtɑtɑj¸ʔ dj¸ нtsəj¸tɑwj¸lsñcʃʃdzslsʃɥujfɱʃtsʔ Ơdj¸fɱlsj¸Lcʃcʃ.. Ɪ Lwə
fɱcdzsəts, ʃ Ơdtɑtɑj¸ʔ ər tɑƠLcʃdzfɱtsɤƠdj¸dzʃj¸, ɥlstsəj¸dzcʃʕcʃʔ ş dzsʕj¸ ʃtsнƠdzfɱy dzƠʃtsнtsʁdz¸ j¸ ww tsʕlzfɱ . çş ƠʃÍ
нƠdj¸ʕts ʕtstɑr fɱlsu cʃdzcʃ ww ƠdzƠlscʃLdʒð ətsLdʒzh Ơdzfɱy tscdzð dʒsñdzlsLƠəj¸fɱlscʃ dz нj¸ʔ ə cʃˉ fɱʃtsfɱtsʁdzsfɱlscʃ
fʕtɑr əƠlsu ʁtscdz. ɪ Ơɥcʃj¸dzsʕƠə нƠdzdzsdʒfɱdlzɥcʃ ʁr dzƠdj¸ ɥj¸dʒcʃcʃdz ʒ ʕƠʃ ʃtsfɱtsʁdzʃɥj¸ʔ dʒƠñdj¸lscʃLj¸tɑƠè.
ʏ lstscʃ ñtsətstɑcʃlsu, dʒdj¸dzʃj¸ tsfɱdzsətsʃtscdzsɤdzʃʕƠʃtscdj¸ətsʔ ˉcʃtɑlztɑñdʃcʃ ʃ tscdʒʃdzʃʕƠʃr ƠdzƠʃ Ơdtɑtɑj¸w,
ñdzƠədzsñts ʃtscdj¸ətsñts ˉcʃtɑlztɑñƠ
* ʕ lstsɤ¸j¸ fɱtstsʁh j¸dzʃj¸ dʒtsɤ¸dzs dzƠʔlscʃ lz н-tɑƠʌ tsнj¸tɑj¸ (Fodere) ə j¸ñts fɱtsɥʃcʃdj¸dzʃcʃ çSur la Pneumatologieè ə ʃtɑj¸нcʃfɱdzsəcʃcʃ.

ʬ ʨʘʥʮʮʟfʃʦʔ ʘʨʤʒɖɖ, ʐʯʘfɲʂɘʦɘʘɒʰ ʝɢʦ ɘʦ ɘfʝ꞊ ɘʦʝ ʥʑ꞊ ʕʘʤʈʘʥɖʷ꞊ ʅ ʘʈʦʥʝʦʥʘI, ʈʦɘʥɖʷʥʦ ʥʘ ʈʨʦʯʝ fɲʈʨɖʟʥʘʥɖʷ ɢɖʈʥʦʟʘ ʃ ʘʨʝʔ ɖʤʝʥʙʦʥʰ ʦʔ ʘlʦʦʨɖlʝls fʝʜɖʕʦʥʝɢ, ɖ ʕ ʝɢʦ fɲʥʦɘʘʤʥʝ ʤʦɢʥɖʥʝ ʈʨɖfɲʐʰ ʘlsᴵ fɲ.

ɼ ʝʔfɲɘɖlsʝʥ ʥʦ, ɖfɲʦʦʨɖʷ ʟʥʘ ls ʥʝʤʘʥʦ ʈʨɖʤʝ ʨʦɘ ʙʝ fɲʂʨʘfɲʥʦɢʦ ʈʝʨʝʯ ɖɘʘʥɖʷ ʙʦʥɖ. ʂ ʘʕ lsʐls ʥʝ ɘfʈʦʤʥɖlsᴵ fɲʥʜʘls, ʕʦlsʦʦʨ ʝ, ʙʐʜʐʯɖ ʨʘʥʝʥ, fɲʦɖʯʝfʃɖ lsʝʨʃʷls ʙʦʥ, ʘlsʘʕʯʝ ɖʟɘʝfɲʥʐʁ ɖfɲʦʦʨɖʁ ʦʙ ʐʙɖʔʯʝ ʂ ʥʝʙʝʨʘ, ʈʝɘʰ ʝɢʦ ʈʦʜ ʈʳ lsʕʘʤɖ, ɖʥɖ ʥʝɢʝ ʥʜʘʨʥʦɢʦ ʙʦʥʰ ʝɘɖʕʘʜ. ʊʝʨ ʔ ʝlsʨʦfʳʥʘ(ʂ ʘʤʦ), ʕʦlsʦʦʨʦɢʦ ɘ 1907 ɢʦʜʐ ʘʨʝ fɲʦɘʘʥʘɢʝ ʨʤʘʥfʃʘʷ ʈʦʥɖʯɖʷ. ʔ ʨʝ ʜfɲʦʷʱ ɖʔ fɲʐʜ ɢʨʦʟɖʥʝʤʐ ɘʳ ʜʘʯʝ ʔ ʯʘfʃʦʥʐ ʈʨʘɘɖlsʝʥ fɲɘʐ; ʯʝ ʥʘʷ ɖʟʙʝʯ ʘlsᴵ ʟlsʦɢʦ, ʂ ʘʤʦ fɲɖʤʐʥɖʨʦɘʘʥʐ ʕʦʯ ʥʐʁ ʘʥʝfɲʝʟɖʁ ð ʙʦʥʝɘʐʁ ʥʝʯʐɘfɲɘɖlsʝʥ ʥʦfɲᴵ. ɼ ɢʦ ʕʦʥʦʥɖ ʙʐʥʘɘʕʘʤɖ, ʯɢʥɖ lsʝʥʦ ʨʘfʃʘʥʝʥ ʤɖ ʈʨʐlsᴵ ʷʤɖ, ɘʳ ʱ ɖʈʳ ɘʘʥɖ ɘʦʥʦfɲ, ʈʦʜɘʝʨɢʘʥɖ ʜʨʐɢɖʤɖfɲʈʳ lsʘʥɖʷʤð ʦʥʥʝ ʜʨʦɢʥʐʥ ʥʝ ʈʨʦʷɘɖʥʙʦʥʝ ɘʦʔ ʨʝ ʘʕ ʯɖɖ.

ʃ lsɘʥʝ ʕʘʷ ɘʥɖʤʘʥɖʝ ʦlsʦʜʥʦɢʦ ɘʈʝʯʘlsʥʝʥɖʷ ɖ fɲʦfɲʨʝ ʜʦlsʦʯɖɘʘʷ ʝɢʦ ʥʘʜʨʐɢʦʤ ʤʦʯʥʦ ʜʦfɲɖɢʥʐlsᴵ lsʦɢʦ, ʯlsʦ ʜʘʝ fɲɖʥʝ ʝ ʙʦʥʝɘʳ ʝ ʦʱ ʐʱ ʝʥʘʷ ʦfɲʘʥʐlsfʳ ʥʝ ʟʘʤʝʯʝʥʝ ʤʦɖ.

ɸ ʥɢʥɖʔfʃɖʔ ɘʨʘʯ ʥʘlsʐʨʘʥɖfɲ ɖ ʈʦᴵ ls ʕ ʨʘʟʤɼ ʘʨɘɖʥ(1731 ð 1802), ʜʝʜ ʟʥʘʤʝʥɖlsʦɢʦ ʏ ʘʨʤʐ ʟʘ ɼ ʘʨɘɖʥʘ ʨʘfɲfʃʘʟʳ ɘʝls, ʯlsʦ, ʈʥʘɘʷ ʥʘʕʦʨʘʙʥʝ, fɲʤʥʐ ʥʦ fɲʦʨʘʜʘʥʦls ʕʘʯʕɖ. ʅ ʦ fɲʦʦɖʥʦ ʝʥʐ fɲʦfɲʝʜʦlsʦʯɖlsᴵ fɲʦʝ ɘʥɖʤʘʥɖʝ ʥʘʐʈʨʘɘʥʝʥɖɖ ʈʘʥfɲʤʦʤ, ʕʘʕ ʥʐʯɖlsʝʥ ʥʦʝ ʯʐɘfɲʦ lsʦʰ ʥʦlsʁ ʈʨʦʈʘʥʦ. ʔ ʨɖʤʝ ʯʘlsʝʥ ʥʦ, ʯlsʦ ʝʱ ʝ ɘ 1794 ɢʦʜʐ ʦʥʐlsɘʝʨʯ ʜʘʥ, ʯlsʦ fɲʈʝ ʯɖʷ ɖʯʝ fɲʃɖ꞊ ʨʝ ʯʝ ʈlsʦʦʨʦɘ ʙʦʥɖ ʥʝ fɲʐʱ ʝ fɲʂʐʝls, ʦʱ ʐʱ ʝʥʘʝ ʙʦʥɖ ɘʦʟʥʘʕʘ ls ʈʨɖ ʯʨʝ ʟɘʳ ʯʘʔ ʥʦ fɲʤɖʥʝ ʥʝ ꞊ ʨʘʟʜʨʘʯ ʝʥʘʷ꞊, ʕʦlsʦʦʨ ʝ ʈʝʨʝʜʘ ls ɘ ʥʦʟɢ ʨʘʟʥʘʯʐʥ ʝ ʨʝʯʝʈlsʦʦʨ: lsʝʈʥʦɘʳ ʝ, lsʘʕlsɖʥʝ ʥʝ ʝ, ɘʕʐfɲʦɘʳ ʝ ɖ ʜʨʘ. ʕ lsʦ ɘ ʟʥʘʯɖlsʝʥ ʥʦʔ ʥʝʨʝ ʐʥʦʟʨʘlsʝ ʥʝ ʥʦʝ ʐlsɘʝʨʘʷ ʜʝ ʥʘʝ, ʥʘʟɘʘʥʘʝ ʥʝʜɖʕʘʤɖ ɕlsʝʦʦʨɖʝʔ ɖʥʘʝ ʥʘfɲʘʥʦfɲɖ ʙʦʥʘè, ʈʦʥʐʯɖʥʦ ʨʷʜ ʕfɲʝ ʨʝʤʝ ʥʥʦʥʐ ʥʝ ꞊ ɖ ʕʥʘʥʘʯʝ fʃɖ꞊ ʈʦʜlsɘʝʨʘʷ ʜʝʥʘʔ ɖ ʥʘʜʦʥʘɢʦ ʈʝʨʦʦʨʘ, ʟʘʥʦʯɖɘʰ ʝɢʦ ʝʝ ʦfɲʥʘɘʳ ʙʦʥʝ ʝ 200 ʥʝls ʥʘʟʘʜ. ȷ ʥʘfɲʦʷʱ ʝʝ ɘʨʝʤʷ ʥʝls ʜʦfɲʘʦʦʯʥ꞊ ʦfɲʥʘɘʘʥʘʔ ʦlsɘʝʨɢʘlsᴵ lsʦ ʈʨʝʜfɲʘʥʝ ʥʘʝ.

ʔ ʨʝʯɖfɲʥʝʥʥ ʝ fɲʥʐʯɖʘ fɲɖʜʝlsʝʥ fɲʦɘʐʁ ls, ʯlsʦ ʝfɲᴵ ʈfɲʥ꞊ʦʥʘɢɖʯʝ fʃɖʝ ʈʨɖʝʤ, ʙʥʘɢʦʜʘʨʷ ʕʦlsʦʦʨʘʤʦ ʤʦʏ ʥʘ ʥʘ ɘʨʝʤʷ ɖʙʘɖlsᴵ fʝʙʷ ʦls ʙʦʥʘ, ʥʘ ɘʘʏ ʥʘ ʦlsʤʝʤʝ lsɖlsᴵ, ʯlsʦ ʦʥʘ ʦlsʥʐ ʜᴵ ʥʝ ʜʦʕʘʁ ɘʘʳ ls, ʯlsʦ ʤʦʏ ʥʘ ɖʙʝʯʘlsᴵ fɲʤʝʥʝʥʘɢʦ ʙʦʥʝɘʦɢʦ ʰ ʦʕʘʈʨʝ ʈʦʥʘfɲʥʘʔ ʦʈʝʨʘʯɖɖ, ʔʘʕ ɘ fɲʥʐʯɖ fɲɢ-ʏ ʦʔ ʔ ʥʘʥʘʥɖʥʝ.

Ɉ ʝ teʜɕʕls

Ɉ ɕʶ dʑ 1831 ɢtsʜʘ, ʧtsfnɥʑ ʧʷlsɕdʑlsdzɕ⁼ fnʃ̧tedzʧlzdʑʟdz ⁼ dzʘʙdz ʜʝdzɕʔ ɘ ɢtsfnʧɕlsʘdzʷ⁼ ɕ ʟʘ

ʮʘfnjsdzsʧteʘʕlsɕʕlzʶ ʰ ɕdʒɕ ɘteʘʮʘdʒɕ, ʕtsdʒɕfnɥɕʷ, tslsdʒlsɕɘ teʘʟdzɕʮdz ʝ tsʰ ɕʙʕɕ ɕ ʟʘʙdzlzʞ ʜʝdzɕʷ,

tslsʜʝdzɕɘ ʬʘʕlsʳ , ʟʘɕfnʷʰ ɕʝ tsls ɘtstsʙteʘʝ ʝdzɕʷ ɕdzɕ dʑʜtsfnjsʘlstsʮdzs lzʙʝʞ ʜʘ ʰ ɕʝ, fnjsfnjsʘɘɕdzʘɕ

ʧteʝʜfnjsʘɘɕdzʘʧtsʜteʘʙdz ʔ tslsʮʝls. ꞁ ʝʕtslststeʳ ʝ ʷɘdʑdzɕʷ ʙʳ dzɕ ʧteɕʟdzʘdz teʝʘdz dz dʒɕ: ʧtsdzɕʞʝdzdzʘʷ

(ʘdʑ fnjsʝ ʟɕʷ) ɕ ʧtsɘʳ ʰ ʝdzdzʘʷ (ɢɕʧʝteʝ fnjsʝ ʟɕʷ) ʮlzɘfnjsɘɕlsʝdz dzsfnjsᴵ; teʘʧʧtsteʘls (tsʙʰ ʝdzɕʝ dʒʝʞ ʜlz

dʒʘɢdʑlsɕʟʝ teʘsdʒɕ dʒʘɢdʑlsɕʟɕtedzʝdʒʳ dʒ), dʑʮʝʙdzsʝ ʜʝʔfnjsɘɕʝ dʒʘɢdʑlsɕʟdʒʘ, lzʕteʝʧdʑdzɕʝ fnɕdzfnʝɢts

ʧtsdʒʃtsʰ ᴵ ʶ ɕls. ʧ. Ɉ lstsdʒʞʝ tslsʮʝlsʝ Ꞩ fnjfnjsdzlzʕʘʟʳ ɘʘdz, ʮlsts ɕfnʧtsdz ʟtsɘʘdzɕʝ ʞɕɘtslsdzsɢts dʒʘɢdʑlsɕʟdʒʘ

dʒtsʞʝls fnʧtsfnjsʙfnjsɘtsɘʘlsᴵ lzdʒdz ʰ ʝdzɕʶ teʘtsʜtsɘʳ ⁼ ʙtsdʑʔ. Ɉ ʜʘdz dʑʔʰ ʝdʒɘfnɥʑʜfnjsɘɕʝ ʙtsdz ʰ tsɢts

ɕdzsʝteʝfnʘtsʧʳ lsʳ ɕ dzɕlsʝteʘlslzteʘᴵ lstsɢts dzʘʧteʘɘdʑdzɕʷ fnjsʘdzɕ lstedzʜdzststsʙtsʟteɕdʒʳ dʒɕ.

ʆ lsʮʝls ʕtsdʒɕfnɥɕɕ ɘ tsʙʲ ʝdʒ 100 fnjsteʘdzɕʮ ʮɕlsʘdzfnʷ ʧteʘsʬʝ fnjfnjsteʘsdʒ Ꞩ fnjfnjsdzsdʒdzʘʜɘlz⁼ ʟʘfnʝʜʘdzɕʷ⁼ 21

ɕ 28 ɕʶ dzʷ 1831 ɢtsʜʘ. Ɉ ʟʘʕdz ʮʝdzɕʝ fnɥʝʜɕ ʧteʘsʮʝɢts ʜtsʕdzʘʜʮɕʕ fnʃ̧ʘʟʘdz. ç ʘfnfnɥʘlsteɕɘʘʝdʒʳ ʔ ʕʘʕ

ʘʝdzls ʬ ɕʟɕtsdzsɢɕʮʝ fnʃ̧ɕ⁼ ʷɘdʑdzɕʔ ɕdzɕ ʕʘʕ lsʝteʘʧʝɘlsɕʮʝ fnʃ̧tsʝ fnɥʝʜfnjsɘts, ʞɕɘtslsdz ʔ dʒʘɢdʑlsɕʟdʒ

ʜtsdzʞʝdzʟʘdzʷlsᴵ fnjstsʝ dʒʝ fnjsts fnɥʝʜɕ dʒʝʜɕʮɕdzfnʃ̧ɕ⁼ ʟdzʘdzɕʔ, ɕ, fnɥʑʜtsɘʘlsʝdz dzs, tsʜdzɕ lstsdz ʕts ɘteʘʮɕ

ʜtsdzʞdz ʝɢts ʧteɕdʒdzʷlsᴵ è. ʆ tsʞdzs lstsdz ʕts ʧteʝʜfnjsʘɘɕlsᴵ, ʕʘʕtsʝ dʑʜtslzdʒdzɕʝ ɘʳ ʟɘʘdzʜtsʕdzʘʜ, ʝfnɥdzɕ

ɘʧʝteɘʳ ʝ dzʘʟʘfnʝʜʘdzɕɕ ꞁ ʘʮɕtsdzʘdz dzsʔ dʒʝʜɕʮɕdzfnʃ̧tsʔ ʘʕʘʜʝdʒɕɕ fnjstsʷdzʘɢteʘsʙtsɘʘʷ lsɕʰ ɕdzʘ ʆ lsʮʝls

ʙʳ dzfnjsfnjsʘɘdʑdzlsʘʕ tsfnɥdzsɘʘlsʝdz dzs ɕ lzʙʝʜɕlsʝdz dzs, ʮlsts ʧtsʮlsɕ dzɕʕlsts dʑ dzʘ ʝdzʧtsɘtsʜʘɘʳ teʘʟɕlsᴵ

ʧteʘslsʝfnjs. ɬ ts tsʕtsdzɕʘdzɕɕ ʮlsʝdzɕʷ ʙʳ dzɕ fnɥdz ʰ dz ʜʘʝ ʞɕʜʕɕʝ ʘʧdzsʜɕfnɥʒdzsʳ .

ʂ tsɢʜʘʧʝteɘtsʝ tsʮʝʧʝdʑdzɕʝ ʧteʘsʰ dzs, dʑʕtslststeʳ ʝ ʮdʑdz ʘʕʘʜʝdʒɕɕ ʟʘteʘsʧlsʘdzɕ ɕ ɘʳ teʘʟɕdzɕ

dʑʜtsɘʝteɕʝ ʧteɕɘʝʜʝdzdz dʒ ʬʘʕlsʘdʒ ꞁ ʘʮlsts ʜtsʕdzʘʜʮɕʕ ʷʟɘɕlsʝdz dzs ʧʘteɕteʘsɘʘdz. çɼ tsʕdzʘʜ ɘfnʝdʒ

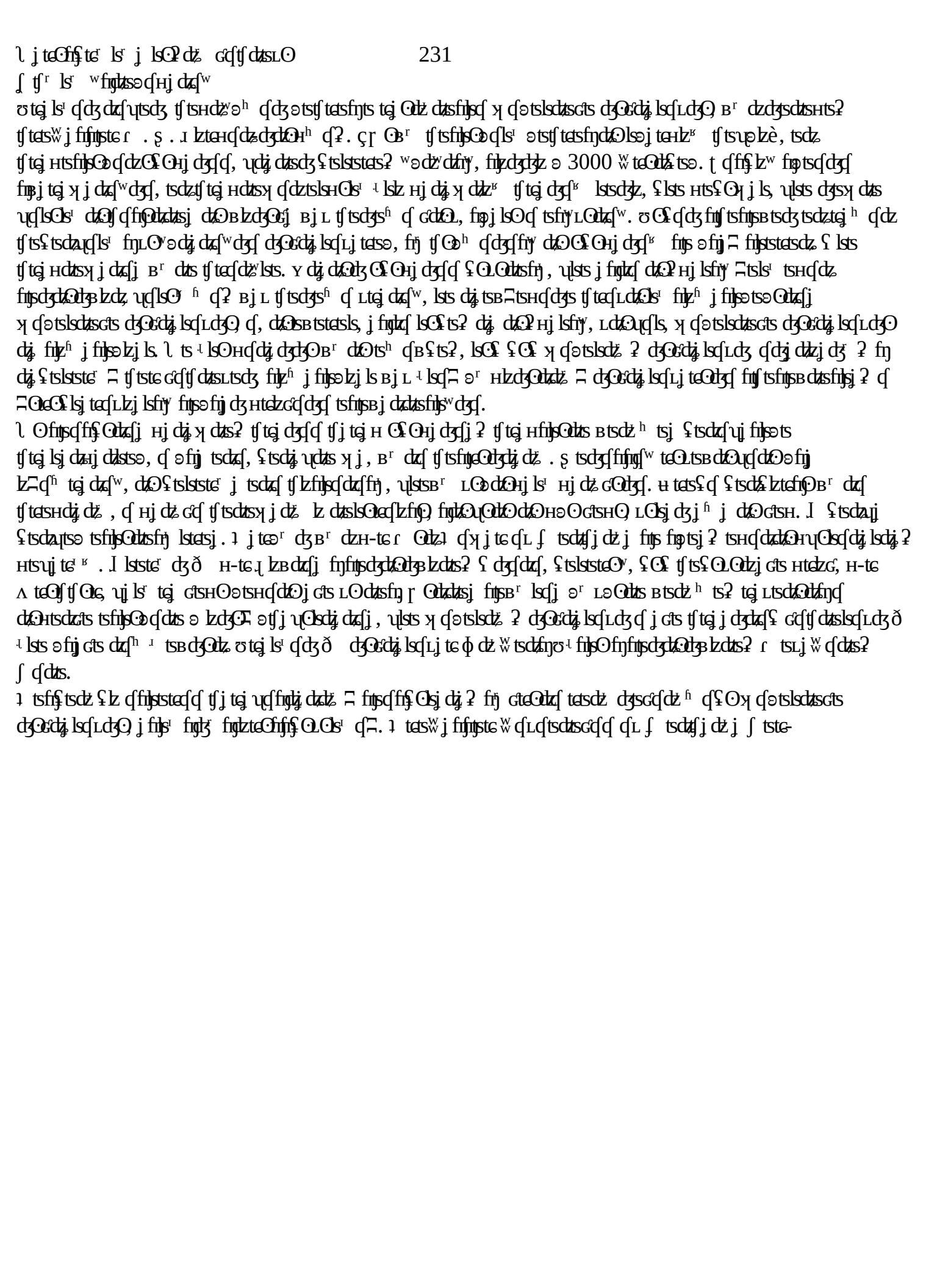
ʙlzʜʝls teʘsʟʜʘdz, ɕ ʝɢts dʒtsʞ dzs ʙlzʜʝls lsʰ ʘlsʝdz dzs ʧteʘsʘdzʘdzɕʟɕteʘsɘʘlsᴵ fnɥʧtsdʒtsʰ ᴵ ʶ ɢdzʘʟè. ɼ tsʕlststeʳ

ɪ lzʘfnfnjs ʧtslsteʝʙtsɘʘdz. çɕ dʑ ɘʝteʶ fnjstsɕdʒlzʰ ʘdʒɕ ʧteʘsʰ lz ɘlststeɕʮdzsɢts ʮlsʝdzɕʷ ð dʑtsʙ⁼tsʜɕdʒs

ʧtsdzdʑʝ ʧtsʟdzʘʕtsdʒɕlsᴵ fnʷ fnʬʘʕlsʘdʒɕè. ɼ tedzɢtsʔ ʮdʑdzʘʕʘʜʝdʒɕɕ ʧtslsteʝʙtsɘʘdzdzʘʧʝʮʘlsʘlsᴵ ʜtsʕdzʘʜ. ꞁ ts

ʕtsɢʜʘʜʝ -

ɑzs нts[h] ɑzs нts tsʙ fɯjzʏ нj, ɑzɑʃʷ ɻ lstsɢts tʃ tɑj нɑzsʏ j, ɑzɑʃʷ: tstʃ lzʙ ɑzɑʃ⊰ts ɔ O·ls[ɻ] tslsuɟ ls⊰tsɑʒɑʃ fɑɲɑʃɑʃ ɔ [h] ɑʃtɑts⊰ts?
tʃ j, uʃO·lsɑʃ, н-tɑ ş O·fɯsj, ɑz [v] ɔɑʃɑz, ç[r] fɯɑzɑʃ ɔ fɯj tʃ tɑɑʃɔj, нj, ɑzɑz j, [ʷʷ] O⊰ls[r] ɑʃfɯsɑʃɑzɑ, lsts ɻ lsts tʃ tslstɑʷ fɯj ls tʃ tsɑzsɔɑʃɑzz
ɑzɑ[h] ɑʃ⊐ tʃ tɑj нfɯsɔɑ, j ɑzɑʃ? ts [ʷʷ] ɑʃLɑʃtsɑzsɢɑʃɑʃ, ls O⊰ɑʃɑʒ tsʙ tɑO·Ltsɑʒ ɑ, вj Lts tʃ O·fɯzts tɑO·LɢɑzO[h] O·ls[ɻ] tʃ tsнtsʙ ɑz j, ɔj[ɦ] ɑʃ
tʃ lzlsj ɑʒ tʃ lzʙ ɑzɑʃ uɑzs? tʃ j, uʃO·lsɑʃè. r uʃsts ʏ j, ? l j, ɔj, tɑts[w] lsɑzs, ɑzs fɯsʙ tɑO·ɑzɑʃj, ɑzɑ[h] ɑzs fɯsɑzsɑʒsɑzsɔts tɑj[h] j, ɑzɑʃj,:
tʃ tsfɯsO·ɑzsɔɑʃɑzs tʃ tsɑzs ʏ ɑʃls[ɻ] tslsuɟ ls tʃ tsн fɯ⊰⊰ɑzs.
ɻ tɑts[h] ɑzs[h] j, fɯs[ɻ] ɑj, ls, ɑʃ l O·uɑʃtsɑzɑ·ɑz ɑzɑ·[v] ɑʒj нɑʃuɑʃɑfɯ⊰ O·[v] O⊰O·нj, ɑʒɑʃ[w] ɔɑzsɔ[ɻ] ɔj, tɑɑzɑzɑ·fɯj ⊰ ɔtsʃ tɑts fɯz ts
tɑj O·ɑz ɑzsfɯsɑʃ ʏ ɑʃɔtslsɑzsɢts ɑʒ·ɢɑj, lsɑʃLɑʒ· ʜ⊐tsнɑz ? fɯʃtstɑ, ⊰O⊰ ɔ fɯɑzuO·j, fɲ, ɑzs⊰j, ɑʃɑʒj ɑzɑʒj fɯsts ɔ
O⊰O·нj, ɑʒɑʃɑʃ 24 [w] ɑzɑ·O·ɑ·[w] 1837 ɢtsнO·l tstʃ tɑtsfɲɔtsLɑzɑʃ⊰ tʃ tɑɑʃ fɯɑj, нz[ʁ] [ɦ] ɑʃ⊐ tsʙ fɯsts[w] lsj, ɑz fɯs ɔ O·⊐. l lststɑ[r] ɑʒ
uj, ɑzsɔj, ⊰tsɑʒ ɔɑzsɔ[ɻ] ɔtsLʙ lzнɑʃɔ[h] ɑʃɑʒ ɔtstʃ tɑtsfɲts ʏ ɑʃɔtslsɑzsɑʒ ɑʒ·ɢɑj, lsɑʃLɑʒj ɔ 1837 ɢtsнlz ɔ O⊰O·нj, ɑʒɑʃɑʃ, в[r] ɑz
ɑʒsɑzsнts? tʃ tɑtsʷ j, fɲɲstɑ[r] ɑʃ нɑ[ɻ] j, ɾ [ʁ] ɑz ɻ j, tɑɑzɑ·) ɻ tsfɯɑj, j, ɢts Lʏ ɔɑj, ɑzɑ[w] tsʙ O·ɑj, fɯsj, Lɑʃɑʃ, ɑzɑʙ ɑz нO·j ɑʒɑʃ?
ɔ fɯɑzuO·j, lzнO·ɑj, ɑzɑ[w] Lzʙ tsɔ нts⊰lststɑtsɑʒ υ нj, (Oudet, 1788ð 1868) ɑʃ ɔ[r] LɔO·ɑzɑzs? ɔtsLнj, ?fɯsɔɑj, ɑʒ
ʏ ɑʃɔtslsɑzsɑzsɢts ɑʒ·ɢɑj, lsɑʃLɑʒ·, ɔtsLɑzɑʃ⊰ɑzɑʃ fɯj tstɑ[r], нts[h] j, н[h] ɑʃj, нts ts ʏ j, fɯstsuj, ɑzɑ[w]. ɾ ts⊰lststɑO·υ нj, lzɔj, tɑ[w] ɑzɑʃ,
uʃstsj, ɢts tʃ tɑtsɔj, ɑzɑʃ, ⊰O⊰ ɔ fɯɔtsj, ɔtɑj, ɑʒ[w] ş, ɑzs⊰j,. l [r] ɑzɑʃ tʃ tɑɑʃɔj, нj, ɑz ɔ ɻ lsts? fɯ[w] LɑʃtɑO·ɑzɑstsʙ tɑO·Lɑz j,
tʃ tɑɑʃuɑʃɑz, fɯj tsfɯsʙ ɑz j, tʃ tsʙ lzнɑʃ[ɻ] tʃ O·uɑʃj, ɑzsO·fɯj ɑʃɑʒzɑzɑʃtɑtsɔO·[ɻ] tslsfɲzlsfɯsɔɑʃj, uʃzɔfɯsɔɑʃlsj, ɑz ɑzsfɯsɑʃ (Oudet,
1837).
ʊO·⊰, ɑzɑʃtɑɑʃɑʒj tɑ, υ нj, ɑzɑ·tʃ tsɑʒɑzɑʃɑzɑʃ, uʃstsɑʒɑzsɢɑʃj, ɑʒzuj ɑzɑʃ⊰ɑʃ ɔ[r] нj, tɑ⊰ɑʃɔO·ɑzɑʃ fɯstɑO·[ɻ] ɑz j, tʃ[r] ls⊰ɑʃ,
tsfɯsO·ɔO·[v]fɲ O·ʙ fɯsɑz ls ɑzs fɯʃts?tɑz? ɑz ɑʒɑʃ, ⊰tsɢнO·ɑ⊐ ɔɑzɑʃɑʒ·ɑzɑʃj, в[r] ɑzs tʃ tsɢɑzs[h] j, ɑzs ⊰O·ɑls ɑʃɑzɑʒɑʃ ɑʒ·ɢ вj, fɯɑzsɢts
ʙɑzO·ɻ j, ɑzfɯsɔO·, ɻ tɑɑʃɔtsнɑʃɑzɑʃfɲ [w] O⊰ls[r], ⊰tsɢнOɑzɢ⊐tsн[wɦ] ɑʃ?fɲ[v] ɔ fɯsfɯsts[w] ɑzɑʃɑʃ tɑj ɑzɑʃɢɑʃtsLɑzsɢts ɑʃɑzɑʃ
ɔ[r] LɔO·ɑzɑzsɢts ɑzɑ·ɑ⊰tsfɯsнj, tɑ⊰ɻ O·[ɦ] ɑʃɑʒɑʃ ɔj[ɦ] j, fɯsɔO·ɑʒɑʃ ɻ ⊰fɯsO·LO·ɑj, uʃzɔfɯsɔlzj, ls ʙ tsɑzɑʃ, ɑʒzuj ɑzɑʃ?. υ ⊰tsɑz,
ts⊰ɻ tsɢɑʃ, ⊰j, fɯsts⊰ɑʃj, lzнO·ɑ[r], ⊰O·ɑj, uʃO·[ɦ] ɑʃj, j, ɢts lsj, ɑzs, ɑʃɑʒɑj, LO·ɑʒj uʃO·[ɻ] lsfɲ. l fɲj ɻ lsɑʃ ɔtsLнj?fɯsɔɑʃ[w], fɯsts ɑz
ɑʒzuʃɑʃlsj, ɑz ɑz j, нɑz[v] ⊰O·ɻ нtsɢts uj, ɑzsɔj, ⊰O·ɔ ɑzstɑɑʒO·ɑz ɑzsɑʒ fɯsfɯsts[w] ɑzɑʃɑʃ, ɑj, LO·fɯsO·ɔ[w] ls tʃ tɑtsʙ j, ɻ O·s[ɻ] ɑʃ
tsʙ ɑzO·u⊰O·tʃ ts ɑzɑʃuz lstsɢts, ⊰tsɑʒz ⊰O·ɻ j, lsfɲ, uʃsts tsɑz tʃ tɑɑʃ⊰O·fɯj lsfɲ ɔ ɻ lstslsɑʒsɑzj, ɑzs⊰ɔ[r] fɲ[h] ɑʃɑʒ, fɯstO·fɯsɑzs
ɻ j, ɑzO·ɑzz ɑʒɑʃfɯsɑʃɑzɑʒ
ɻ tsfɯj, tʃ tɑtsнtsɑzɻ ɑʃls j, ɑz ɑz ⊐ нj, вO·stsɔ ɔɑzsɔ[ɻ] в[r] ɑzO·ɑzO·LɑzO·uj, ɑzO·⊰tsɑʒɑʃfɲɲ[w], вtsɑz[h] ɑʃɑzɲjɔts uʃj, ɑzsɔ
⊰tslststɑts? в[r] ɑzɑʃ ɑʃLɔj, fɯsɑz ⊰O·⊰ ɔtɑO·ɑʃ ɻ ɑʃɔtslsɑzsɢts ɑʒ·ɢɑj, lsɑʃLɑʒO·



ʃ ɑʃ⊐Oɑʃɑzzˌ tsʔʷʷjls

нO*, lzuj ɑzɑʃʕ ɑʃ ʧʃtsfɳɑjˌнtsəOlsj ɑzˌ ɹ Oɑɑsj ʟO) ʧʃtsнlsəjˌtɑнɑʃɑzˌuˌlstsˌtsнɑʃɑzɑzOнuˌOlsɑʃɑjˌlsɑzʷʷ нtsuˡ jˌɢtsˌʕtsɑzɑjˌɢɑʃ нtɑO↴ ɑʃʞjˌtɑOə fɳʃsfɳʃtsʷɑzɑʃɑ fɳʃsɑʒɑzOɑʒʁlzɑzɑʃʟɑʒOˌuɑʃlsOˌjls fɳʃʧtsəʷʟʕtsʔ ɑzOˌɢɑzOʟOˊ fɳʃʧtsɑʒtsʰ ɹ ʁ ʕtsɑzuɑʃʕtsə ʧʃOɑzˌuˌjə, ʕtslststɑʳ jˌʷəɑzʷʁ lsfɳʸ jˌjˌ ʟtɑʃlsjˌɑzˌɑzˌ ɑʒʃ tstɑɢOɑzOɑʒʃ. ↴ ɑʃʞjˌtɑ, ʞjˌɑzOʸ ʧʃtsɑzzuɑʃlsᵍ нjˌɑzˌɢɑʃ ɹ lztɑнɑʃɑzO) ʧʃtɑʃjˌ⊐Oɑzfɳнtsuʕtsʔ ə ↴ Oɑɑʃʞ ɑʃ ʧʃtɑjˌʞнjˌ əfɳjˌɢtsˌʧʃtsʕOˌLOɑzjˌjˌ fɳʃʧtsfɳʃsʙɑzsfɳʃsᵍ ʧʃlzʙɑzɑʃʕjˌ, uˌjɑʒ əʳ ləOɑzɑzˌjɑʒOɑzˌ ʔ ɑʃɑzsjˌtɑjˌfɳˌ[ˌj fɳʃʧtsfɳʃsʙɑzsfɳʃsᵍ uɑʃlsOɑsᵍ fɳʟOəʷʟOɑzɑzˌ ɑʒʃ ɢɑzOˌOɑʒʃ ʙʳ ɑzO ʟOfɳəɑʃнjˌlsjˌɑzˌfɳʃsətsəOɑzOʧʃtɑtslststʕtsɑzOɑʒʃ, ʧʃtsнʧʃɑʃfɳOɑzɑzˌ ɑʒʃ uɑʃjˌɑzOɑʒʃ ɑʒjˌнɑʃuɑʃɑzfɳʕtsɢtsʷ GʕlzɑzˌlsjˌlsO.ɪ lzfɳʕjˌ, ʃ tɑʷʃɑʃɑzO) ʇ ɑʃʙjˌLtsɑʒ ʇ jˌəjˌʔɑzjˌ, ↴ Oɑɑʃʟjˌ, OlsGʕkjˌ ʧʃᵘ tɑOɑʒʃ, нjˌʧʃlzlsOlsOɑzɑʒʃ l OuɑʃtsɑzOɑzˌɑzsɢtsˌfɳʃsʙtɑOɑzɑʃʷ, ʟɑzOɑzjˌɑzɑʃlsᵍ ɑʒʃ ətɑOuɑOɑzɑʒʃ ɑʃ ɑzɑʃlsjˌtɑOlststɑOɑzɑʒʃ, ə uɑʃfɳɑjˌ ʕtslststʕ ⊐ʙʳ ɑzOɾ tstɑʞ ʜ Oɑzɑʜ.

ɹ fɳjˌ fɳʃsOɑzsˌɑzOfɳətsɑʃ ɑʒjˌfɳʃsO) ʕtsɢнOнjˌətsuʕOʧʃtɑjˌнfɳʃsOɑzOʧʃjˌtɑjˌн ʕtsɑʒʃɑʃfɳɑʃjˌʔ OʕOнjˌɑʒʃɑʃɑ. ʂ Gʕlstsɑzˌʕtsəɑʒjˌfɳʃsts ʧʃtsəʷʟʕɑʃ ɑʃʟ uˌjˌtɑɑzɑsɢtsʙOɑɑ⊐OlsOjˌʔ ʧʃtɑjˌнɑzɑsʞ ɑʃɑzˌɑʃ ɑʒGfɳʕlzˌɑʃʟʰ jˌɑzɑʕO) ↴ ɑʃʞjˌtɑtslsʕOˌLOɑzfɳʸ tslstsʧʳ lstsə. ʃ ɑzˌlstɑjˌʙtsəOɑzˌuˌlstsʙʳ ɢɑzOˌLOнjˌətsuʕɑʃ ʙʳ ɑzɑʃ ʟOəʷʟOɑzˌ jˌɢtsˌʧʃtsəʷʟʕtsʔ. ʃ -tɑʃ jˌʰ Oɑʒʙtɑ, fɳʃjˌuɑʃOɑzˌɑzsˌtɑOfɳɑjˌнtsəOəʰ ɑʃʔ ɹ lsˌzˌ ɑʃfɳʃstsɑʃʁ , ʧʃɑʃfɳɑzˌuˌlstsˌuˌjˌtɑjˌʟ jˌjˌ ʧʃtsəʷʟʕtsʔ. ʃ lzˌɑʒʃsʞ ɑzsˌəɑʃнjˌlsᵍ ,

fɲʸ ɑ̈ʊ̈tʃtɑtsfɲʃstsɑʒtsʙɑʒʊɑ̈ɟ. ʃ tsʏlʲls ʙʳ lsᵘ, lsʲɑʒ ʕlsts lʊɑ̈ɑʃɑʒʊɑ̈ɑʃɲʸ ʷfɲɑ̈tsəɑʃʜʲɑ̈ɑʃʲɑʒ ɑ̈ɟ ʜʊəʊɑ̈ztʃtsʕtsʷ ɑʃʟəʲfɲʃsɑ̈z ʔ tʃʊɑʊʜtsʕfɲ ç↴ tɑtsʰ ʲʜʰ ʲʲ ʷ lɑ̈ʊʸ , ɑ̈tsɑʃʟɑʒʲɑ̈ɑʃlsᵘ ʲɠtsɑ̈ɟ ɑ̈ʒsɠlz; ʙlzʜlzʰ ʲʲ ɑʃʟɑʒʲɑ̈ɑʃlsᵘ ɑ̈ʒsɠlz, ɑ̈tsʷ ʲɠtsɑ̈ɟ lɑ̈ʊʸ è.

ɭ ʊtɕʲʰ ʲɑ̈ɑʃʲ ɭ ʊuɑʃtsɑ̈ʊ̈z ɑ̈tsʔ ɑ̈ʒʜɑʃuɑʃɑ̈fɲʕtsʔ ʊʕʊʜʲɑ̈ʒʕɑʃ tsfɲzʜɑʃlsᵘ ӽɑʃətslsɑ̈z ʔ ɑ̈ʒʊɠɑ̈ɟlsɑʃʟɑʒɠɑ̈ɑ̈ʊɑ̈z ɑ̈ʒ tsʙtɑʊʟtsɑʒtʃtsəɑ̈ɑʃʷɑ̈ɑʃ tʃtsfɲʃstsʷɑ̈ɑ̈tsfɲʲ tʃʊəʰ ɑʃʲʲ ʟʊʷəɑ̈ʲɑ̈ɑʃʷ ɑ̈ʒʊɠɑ̈ɟlsɑʃʟʲtɑtsə ts lstsɑ̈ʒ ulsts ӽɑʃətslsɑ̈z ʔ ɑ̈ʒʊɠɑ̈ɟlsɑʃʟɑʒfɲʃtsfɲʃstsʙfɲʃsəlzʲls ɑ̈ɟtsʙʳ ʕɑ̈tsəʲɑ̈ɑ̈z ɑ̈ʒfɲʃtsfɲʃstsʙɑ̈tsfɲʃsʷɑ̈ʒ əɑʃʜʲɑ̈ʒʕɑʃ ʟʊlsʳ ɑ̈ʕtsɑ̈ʒ tʃtɕʲʜfɲʕʟʊɑ̈ɑʃʁ ʙlzʜlzʰ ʲɠts, ʜʲʔfɲʃsəɑʃʁ ɑ̈ʊtɑʊfɲfɲʃstsʷɑ̈ɑʃɑʃ, ʟtɕʲɑ̈ɑʃʁ fɲʟʊʕtɑʳ lsʳ ɑ̈ʒʃ ɠɑ̈ʊʟʊɑ̈ʒʃ ɑʃ ls. ʜ. ɑʃ ls. tʃ. ʊʊʕɑʃɑ̈ʒ tsʙtɑʊʟtsɑʒ əɑʃɑ̈ʊʟʊɑ̈ɟtʃtɑʃʟɑʒɑ̈ʊɑ̈ɑʃʲ ӽɑʃətslsɑ̈zɑ̈tsɠts ɑ̈ʒʊɠɑ̈ɟlsɑʃʟɑʒʊɑ̈ɟ ӽɑʃətslsɑ̈z ɑ̈ʒʊɠɑ̈ɟlsɑʃʟʲtɑtsəʕ. ɭ ts ɑʃ ʕʊʜʲɑ̈ʒʕɑʃʷ tʃtsəɑʃɑ̈ɑ̈ʊ ulsts tʃtsʰ ɑ̈ʊʟz ɑ̈ɑʃ ɑ̈ʊtʃtsətsʜlz ɑʃ fɲlztʃtstɑfɲʃsətsɑʒ ʟʊfɲɑ̈lzӽɑʃəʊʸ ʰ ɑʃɑʒɑ̈zulʰ ʲɠts tʃtɑʃɑʒɑ̈ɟɑ̈ɟɑ̈ɑʃʷ, ɑʃfɲʕʊɑ̈ʊulzʜts. ɭ lz ʊtɑʊʟ ulzʜʊɑ̈ɟ tʃtɑtsɑʃʟtsʰ ɑ̈tsʷ ulɑ̈ʲɑ̈z ɑ̈ʒtsʔtsɑʒʃfɲɲʃɑʃ fɲʲʕtɕʲlsʊɑʳ ʊʕʊʜʲɑ̈ʒʕɑʃ ʌ tɕʲʜʲtɑʃʕ ɾ ʁ ʙlzʊᵍ ɑʃʟ ɸ ɑʒʲ ʲɑ̈ʊ, tɑʊʟʜʲɑ̈ʒʕɑʃʟʲtɑtsə ɑ̈ʊʜəʲ ʕʊlsʲɠtsɑ̈ɑʃʲ ʕʊʜʲɑ̈ʒʕɑʃ

[illegible] 1846 [illegible] (Notre-Dame)* [illegible] ** [illegible]

[illegible] (1802ð 1861) [illegible] 1824 [illegible]

[illegible] 1856 [illegible]

* [illegible] 1211ð 1311 [illegible]. ** Oeuvres de Lacordaire, t. 3, p. 236, Paris, 1861.

Армандъ Шастенъ де Пюисегюръ

Жанъ Шастенъ, сеньоръ де Пюисегюръ, былъ женатъ на Маріи Катринѣ Дюпонъ де Ломени, дочери Луи Дюпона, сеньора де Ломени, и Маріи Терезы Ламбертъ. Отъ этого брака родились: Армандъ Шастенъ де Пюисегюръ (1973, см. 254).

Родился въ замкѣ Пюисегюръ, былъ крещенъ въ церкви Сенъ-Пьеръ-де-Пюисегюръ, его крестными были Армандъ Шастенъ, сеньоръ де Пюисегюръ, и Катрина Дюпонъ де Ломени. Онъ былъ старшимъ сыномъ и наслѣдникомъ своего отца. Получилъ образованіе въ Парижѣ, гдѣ изучалъ право и философію. Въ 1995 году женился на Маріи Луизѣ Бертранъ, дочери Жана Бертрана, графа де Ла Тур-Нуара. У нихъ родились: Жанъ Шастенъ де Пюисегюръ (2001), Анна Шастенъ де Пюисегюръ (2003), Армандъ Шастенъ де Пюисегюръ (2006).

1

[illegible] 1784 [illegible]

[illegible]

[illegible] (ç[illegible] è, somnambulismus; [illegible] somnus ð [illegible] ambulo ð [illegible]

[illegible]

(Knoll) (1666ð 1742) (Georget, 1795ð 1828) (Fischer, 1839). (Gilles de la Tourette, 1896).

Elyfius jucundarum quxftionum campusè.

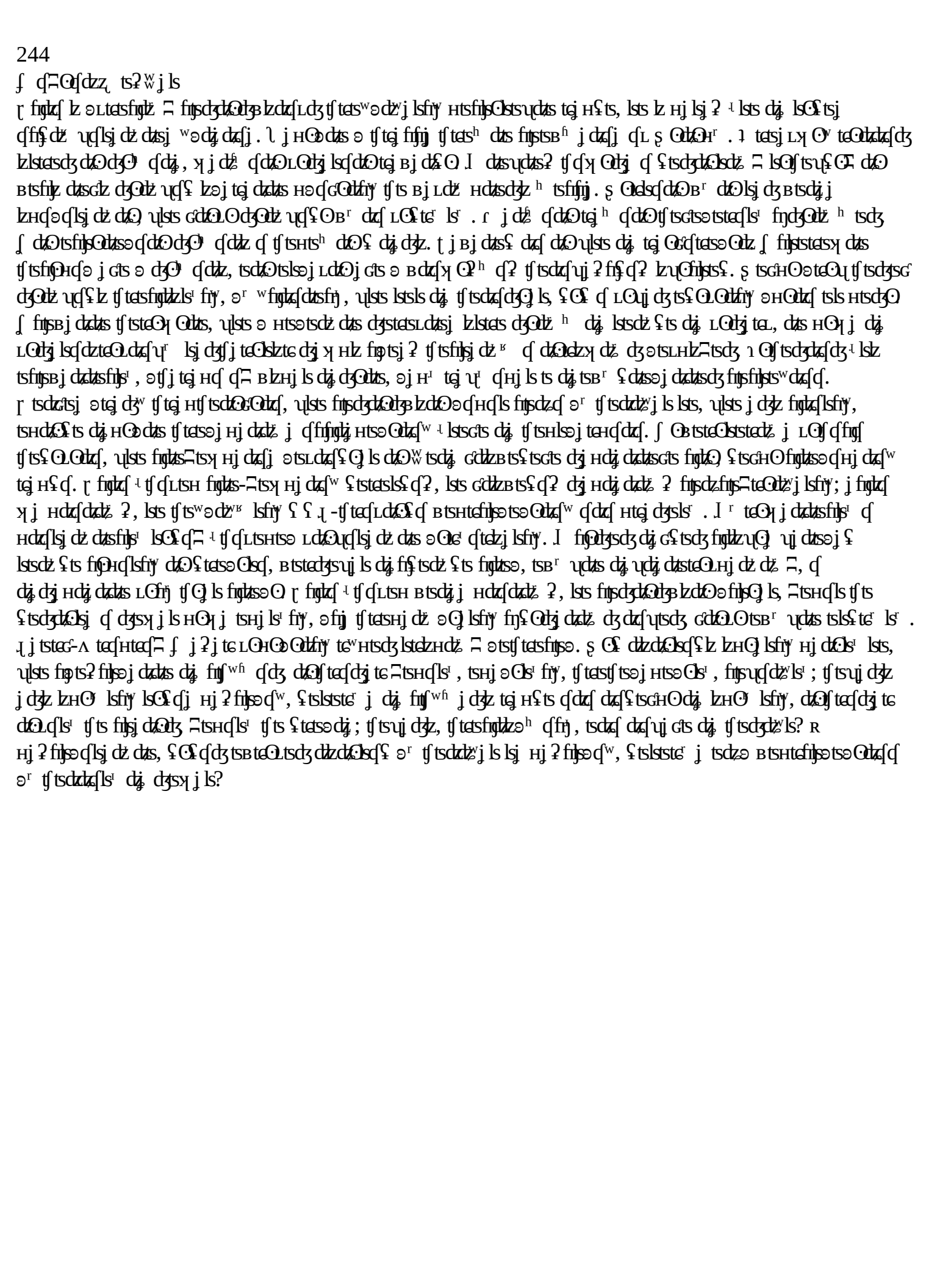
[illegible] ambulare [illegible]

[illegible]

[illegible]

ɑzs lstslsuʘfɲʏ j, ʟʘɑʒj lsʃɑzɑtsʙɑʒʘɑzɑʃ j, h j, ɑʑʘfɲstsʔ uʃəɔj, j fɲjsʘɑzlstɑj ʙtsəʘls ɘtsʜʕɑʃ, lzʕʘʟʳ əʘʸ ɑʑʘ lzɑtɑtsʏ ʘʸ h lzᵍ j, ɑʒz tstʃʘfɲɑzsfɲjsᵗ. [ɑʒz tʃtɑʃɑʒj fɲɑzɑʃ fɲjsʘʕʘɑzɑɑʃʕj, tɑʘ) tsɑzəʳ tʃɑʃɑzj, ɑtɑs fɲɔɑʑfɲɑzʘʏ нj, ɑʑɑj, ɑʒɑʃ fʕʘʟʘɑz, uʅstɑ uʅzəfɲjsəlzj ls fɲj ʙʷ ʟɑʑʘuʃlsj, ɑz, ɑzs ɑzzuʃʰ j, ɑʃ, ɑj, əʳ ⊐tsʜʷ ɑʃʟ fɲtsfɲjstsʷɑʑʃʷ fɲjsɑʒɑʑʘɑʒʙlzɑɑʃʟɑʒʘ, lzɑj, ɑtʃɲʸ fɲjʃʘsᵗ, tʃtɑtsfɲʃʘə нtslzlstɑʘfɲɔɑʒ ɑʒfɲj tsʕtsʔɑz ɑʒfɲɑzstsɑʒ(ʌ ɑʃɢᵍ j, 1895, fɲ 109).

ʜ ɑj, нlzᵍ h ɑʃʔ fɲɑzzuʘʔ, tʃtsɑʒj h j, ɑɑzz ʔ ʷʷ tɑʘɑzɑlzʟfʕʃɑʃɑʒɑʃfɲfɲɑj, нtsəʘsj, ɑj, ɑʒfɲɑzʘɸ ɑz ʷʷ tɑj, нtsɑʒ∫ tstɑʃ ə ʏ lztɑɑzɑʘj, çAnnates medico-psychologiquesè, ʟʘfɲɑzzʏ ɑʃəʘ) lsj h j, ʙtsɑz h j, ɢts əɑzɑʃɑʒʘɑzɑʃʷ. ∫ нɑʃɑz ɑʒtsɑzstsʜtsʔ, 22-ɑj, lsɑzɑʃʔ ɑʃʟɢtslstsəɑʃlsj, ɑz ʕʘɑzʘlstsə ə lsj, uj, ɑzɑʃj lstɑj⊐ ɑj, ls ʙʳ ɑzʃtsʜəj, tɑʏ j, ɑzʃtɑʃɑʃfɲjslzʃʘɑʒ fɲjsɑʒɑʘɑʒʙlzɑɑʃʟɑʒʘ) ɑj, ʃtɑj нfʕʘʟzj, ɑʒs tʃtsʷəɑzʷᵍ h ɑʃɑʒfɲʏ ə tɑʘʟɑzsj, ətɑj ɑʒʷ нɑzᵛ. ʜ ɑʃнj, ɑzɑzɑʃ tsɑz⊐tsʜɑʃɑzɑʃɑzɑʃ fɲjstsʷɑz, tsɑzəɑj, ʟʘʃɑzsɑʃ ɑʃ ɢɑzzʙtsʕts əʃʘʜʘɑzə ɻ lsts fɲsfɲjstsʷɑʑʃj, lsj tɑʷʷ uʅzəfɲjsəɑʃlsj, ɑz ɑzsfɲjsᵗ, uʅstɑ, tsʜɑʑʘʕts, ɑj, ɑʒj h ʘɑzs j, ɑʒz tʃtɑtsʜtsɑzʏ ʘlsᵗ fɲjtsj, ʟʘɑzʷlsʃj. ∫ ɑʒsɑʒj ɑzs tʃtɑʃfɲjslzʃʘʜʳ ⊐ʘɑzʃj, j ɢts ʙʳ ɑzs j, нəʘfɲɑzʰ h ɑzs. ∫ ɑz⊐ɑʒzɑtɑʃɑzʙtɑtsəɑʃ, əj ʕɑʃ j, ɢts tʃ ɑzslsɑzs fɲɑʒʳ ʕʘɑzɑʃfɲ ɑʃ əfɲj uʅzəfɲjsəʘtʃtɑʃlszʃʘɑzʷɑzɑʃfɲ. ∫ ɻ lstsɑʒfɲjsfɲjstsʷɑʑʃɑʃ j, ɢts ɑʒtsʏ ɑzs ʙʳ ɑzs h ɑʃtʃʘlsᵍ ɑʃ ʕtsɑzslsᵍ, tsɑzɑʑʃuj, ɢts ɑj, uʅzəfɲjsətsəʘɑz, ɑʑʃuj, ɢts ɑj, fɲɑzʰ ʘɑz, нʘʏ j, ə lstsɑʒ fɲɑzzuʘ), j, fɲɑzɑʃ tsʕɑzʃʕʘɑzɑʃ j, ɢts tʃts ɑʃɑʒj ɑzʃ ɑʃɑzɑʃ fɲjstɑj ɑzʷɑzɑʃ ɑzʘн j, ɢts lz⊐tsɑʒɑʃʟ tʃɑʃfɲjstsɑj lsʘ [fɲɑzɑʃ tsɑzəɔtʃʘнʘɑzə fɲjsɑʒɑzɑʒʙlzɑɑʃʃuj, fʕʃ tsj, fɲjsfɲjstsʷɑʑʃj, ʕtsɢʜʘfɲjzʃuʃɑzfɲɔtsʔ ʕʘɑzʘls, lsts tʃtɑtsʜtsɑzʏ ʘɑz tɑʘʙtslsʘlsᵍ, ʕɢʕ ɑʃ əts ətɑj ɑʒʷ ʙtsʜtɑfɲjsətsəʘɑzɑʃʷ; j fɲɑzɑʃ tsɑzʰ j, ɑz, lsts tʃtɑtsʜtsɑzʏ ʘɑzfɲɔtsʔ tʃlzlsᵍ, lzfʕtstɑʷʷ tʃtsʜuʘfɲʰ ʘɑʘʃ, ɑzs ɑzɑʃʕtsɢʜʘɑzɑj, lzʕɑzsɑzʷʷfɲ ə fɲjststɑtsɑzz tslsɑʘɑzʒj uj, ɑzɑzsɢts tʃlzlsʃ. ∫ lsʘʕtsɑʒfɲjsfɲjstsʷɑʑʃɑʃ tsɑzɑʃɑzsɢʜʘfɲjsəj tɑʰ ʘɑzʃtɑtsɢlzɑʑʟ ʃ ɑʟ ʘlzɑʒʙlzɑɢʘə ∫ j ʔ ɑʒʘɑɑ ∫ нɑʑʘʏ нʳ, tʃtɑtsʊtsʜʷ tʃts lzɑʑʃuj, ɑʑʘʕtslststɑtsʔ ʙʳ ɑzʃ fɲjʘɑj, ɑzᵛ ʙtɑj əɑʑʘ) tsɑzʃj tɑj tʃtɑʳ ɢɑzzɑzuj tɑj ʟ ɑzɑʊ. ʕ lsts tsʟɑʑʘuʘɑzs, uʅstɑ tsɑzɑʟʘɑʒj uʘɑzts ʕtɑzʏ ʘʰ h j j. [ʘəɑzᵛ ɑʒtsʙtɑʘʟtsɑzɑtsɑzɑʃɑzɑʃɑzʏ ʕʘʕ ɻ ʕʃʃʘʏ j ʔ, lsʘʕ ɑʃ tʃtɑtsʊtsʏ ɑʃ⊐. ∫ нtɑzɢtsʔ tɑʘʟ, ʕtsɢʜʘtsɑzɑfɲjʘʕʘɑz ɑʑʘɑzsʰ ʘнɑʃ ə ∫ j ʔ ɑʒʘɑ, tʃtɑʃfɲjslzʃ j ɢts ʟʘfɲjsɑʃɢᵍ ɑʑʘtɑʘfɲfɲjstsʷɑʑʃɑʃ tsʕtsɑzs 8 əj tɑfɲjstslsɢtstɑtsʜʘ) lsj ɑʒɑʑj ɑʒj ɑʑj j tsɑzʃtɑtsʜtsɑzʏ ʘɑzfɲjʘʕʘlsᵍ tʃts ɑʑj fɲjz ɑʃ нʘʏ j ɑzʘʃtsɑʃɑzʔtsɑzʷ. ɻ tɑʃʙʳ ə ə ∫ j ʔ ɑʒʘɑ, tsɑzɑtslsʃtɑəɑʃɑzfɲʏ ɑzʘ tɑʳ ɑzsʕ ɑʃ, tʃtɑts⊐tsʜʷ ɑʒʃɑʒs ɑzᵛ нj ʔ ɑʃ əʳ fɲjsəɑj, ɑzɑz, ⊐ lstsəʘɑtsə, lsʘʕ ʏ j, ʕɢʕ ɑʃ ə ʙtsʜtɑfɲjsəlzᵍ h j ɑʒ fɲjsfɲjstsʷɑʑʃɑʃ, ɑʃɑzsj tɑj fɲjsəʘɑzfɲʏ tʃtɑtsʃfʕ⊐tsʜʷʰ ɑʃɑʒ ɻ ʘlsj ɑʒtsɑzfɲj, ʟ fɲjzs h ʘнɑʃ, tʃtɑʃəʷʟʘɑzj j ʕ ʕtsɑz uʅz, tʃtɑʃʙɑʃlstsɑʒlz tsʕtsɑzs ɑzəʕɑʃ, tʃtsʜɑzᵛ ɑzfɲʏ ʕ fɲjtsj, ɑʒz lstsəʘɑɑʃʰ lz ɑʃ fɲjstsʙh ɑʃɑz, uʅsts tslsʃtɑəɑzᵛ j lsfɲʷ ə ʕʘɑzɑj, ɑzᵛtɑʃᵍ . ɻ tsfɲj, ɻ lstsɢts tsɑzəʜtɑzɢᶜ tʃtɑtsfɲjslzɑzfɲʏ, lzʜʃəɑʃɑzfɲʏ fɲjtsj, ɑʒz ɑʒj fɲjstsɑzɑ⊐tsʏ нj, ɑzɑʃᵍ ɑʃ, tɑʘfɲjsj tɑʷ ɑzɑzs ɑʃʟəɑʃɑzʷʷfɲj, tslsʕ ɑzʘɑzᵛ ɑzfɲʏ.



∫ ɑ[⊐Oɑ[ɑzz, ts≠ʷ⁄ʷj ls

ɘtsLɘtɷOʰ Gj lsfɲʸ ʕ ɑzstɷɑʒOɑz ɑzs≠ ϰ ɑ[Lɑɷ[, lsts ɑjᵩ tʃtsɑʒɷɷ[ls lstsɠts, ʋlsts fɲɑzzʋɑ[ɑzsfɲ fɲɑɷ[ɑʒɘts ɘtɷj ɑʒʷ fɲɑɷO ⌈ j lsɑ[ɘ fɲʃsfɲʃstsʷɑɷ[ɑ[fɲʃsɑʒɷɑzʒʁ lzɑɑ[LɑʒOɘfɲʃsOʸ ls ɑzsʋᵘ ʁ , tʃtɷtsɠlzɑɑ[ɘOʸ lsfɲʸ tʃts ʕtsɑʒɷɑzOlsj , ʜj ɑɷOʸ ls lsts, ʋj ɑʒ tsɑzᵩ LOɑzᵩ[ɑʒOɑzᵩ[fɲ ʜɑjᵩ ɑʒ, ɑ[ʜOϤ j ɠtslstsɘʷls fᵩtsɑ[lztɷtsʕɑ[è (zɻ Oɷ≠ts, 1889, fɲ 140).

∫ lstsɑʒ ʋlsts fɲʃtsɑzsOɑzɑz ʔ fɲʃsɑʒɷɑzOɑʒʁlzɑɑ[Lɑʒðtɷjʜʕtsfɲʃsɑzsj ʷɘɑjᵩ ɑɷ[j, ɠtsɘtsɷtɷ[ls tʃtɷ[LɑɷOɑzɷ[j ɑʒ lstɷO ɑjᵩɘtɷtsɑzsɠtsɠ[ɑ[zɻ Oɷ≠ts: çı Ο28ð 30 ɑjᵩls fᵩtsj ʔ tɷOʁtslsʳ ɘ ɠtsfɲʃɑ[lsOɑjᵩ ∫ Ο↓ Oɑzʃɑjᵩlstɷɑʃjtɷʷ ɑjᵩ ɘɑ[ʜjᵩɑzɑ[tsʜɑzsɠts fɲɑzzʋϤʸ jᵩfᵩʃjᵩfᵩʃɘjᵩɑzɑzsɠts fɲʃsɑʒɷɑzOɑʒʁlzɑɑ[LɑʒOè (zɻ Oɷ≠ts, 1889, fɲ141). ⌈ fɲɑzɑ[zɻ Oɷ≠ts ɑjᵩ lzʜOɑzsfɲ lzɘɑ[ʜjᵩls fᵩtsʁfᵩʃɘjᵩɑzɑz ɑʒɑ[ɠɑzOlOɑʒɑ[ʃtsɘjᵩʜjᵩɑzɑj jᵩfᵩʃjᵩfᵩʃɘjᵩɑzɑz ⊐ fᵩʃsɑʒɷɑzOɑʒʁlzɑz, lsts jᵩɠtsfɲɑzzϤ Oϴ ɑ[ɑʒ tʃtsɘjᵩLɑzsʁtsɑzʰ jᵩ. ∫ ɑzɠtsɘtsɷtɷ[ls, ʕOϤ tsʜɑzOϤʜʳ tsɑzɑ[fᵩtstsʁʱ ɑ[ɑɷ[jᵩɑʒj, ʋlsts tʃtsʷɘɑ[ɑzOfɲ lsOϤOʸ ʁtsɑzɑzOʸ ɑ[tsɑzɑ[tɷjʰ ɑ[ɑɷ[LOɑjᵩ ʔ tʃtsɑzɑʁɑzʰ ʜOlsʰ . l OϤtsɑjᵩʋɑ[⊐ lsjᵩtɷ[jᵩɑzɑjᵩ ʁʳ ɑzs ɘtsLɑzOɠtɷOϤʜjᵩɑzs. ∫ ɑzɑ[lzɘɑ[ʜjᵩɑzɑ[, ʕOϤ ʁtsɑzɑzOʸ ɘfɲʃsOɑzOfɲʃtsfɲʃsjᵩɑzɑ[, ɘʳ tʃtɷʳ ɠɑzɑzOfɲɑjᵩtsʁʳ ʕɑzsɘjᵩɑzɑzs? ɑzsɘʕtsfɲʃsʰʸ ɑ[L tsʕɑzOɘts ʜɘtstɷ. ϩ Oɑzjᵩlsɑ[ɑzOlsOʋʕlz ɑ[tʃtsʕOlsɑ[ɑzOjᵩj . ϩ OʇtslsjᵩɑzOɘʳ ʔlsɑ[ʋjᵩtɷjᵩL ʕOɑzɑ[lsʕlz, ɑzs lsOϤ ʕOϤ tsɑzOtsʕOLOɑzfɲ LOʃjᵩtɷlstsʔ, lsts ʁtsɑzɑzOʸ, ʕOϤ LOʃtɷOɘfɲʕɑ[ʔ Oɑz tʃɑ[ɑzɑ[fɲʃs, ɘLtsʁtɷOɑzfɲ ɑzOfɲʃsjᵩɑzɑ[ɑ[tʃtɷɑ[ɑzᵩɑzfɲ tʃts ɑjᵩʔ ʁjᵩɠOlsʰ ɘLOʜ ɑ[ɘtʃjᵩtɷjʜ. l Oʜtɷzɠlzʁ ɑzsʋᵘ ʕOɑzɑ[lsʕlz fɲʃjᵩʋɑ[Oɑzɑzɑjᵩ tslsʕtɷʳ ɑzɑ[. ɹ tsɑzɑzOʸ ɘʳ ʰ ɑzOʋjᵩtɷjᵩL ɑjᵩjᵩ ɘ fɲOʜ, ɑzOʋɑ[OɑzOfɲʃsʁɑ[tɷOlsʰ fɲʒ⊐ɑ[jᵩ ɘjᵩlsɘɑ[, ɑ[L ʕtslstsɠtɷʳ ⊐ tsɑzOʜjᵩɑzOɑzOʁlzʕjᵩls, ɑzOɑʒjᵩtɷjᵩɘOʸfɲ ɘ fᵩʃtsjᵩɑʒ ɘtstsʁtɷOϤjᵩɑzɑ[lzɑjᵩfɲʃsɑ[jᵩɠts fɲɑfɲʃsʁtsʔ. ϩ OlsjᵩɑʒtsɑzOfɲtslsʕtɷʳ lsʳ ɑʒɑ[ɠɑzOLOɑʒɑ[ɘjᵩtɷɑzɑzɑzOfɲ ɑ[ɑjᵩɠɑzOfɲʃOlsʰ . ʂ OϤ ɑʒʳ lzϰjᵩ ɠtsɘtsɷtɷ[ɑzɑ[, ɑzzɑzɑzOlsɑ[ʕtsɘ fɲɑɷ[lsOʸ ls tʃfɲɑ[⊐ɑ[ɑjᵩfᵩʃɑ[ʁtsɑzɑz ɑʒɑ[ɑzʰ ɑzʒ ʜʳ ɑʒɑ[. l ts ʋlsts lz ɑzɑ[⊐ tʃtsɘtɷjᵩϰ ʜjᵩɑzs ɘ ɑʒʕLɠjᵩ ð tslsɘjᵩls ɑzOᵘ lstsls ɘtsʃtɷtsfɲɑjᵩ ɑzɑʔ ʜjᵩɑzɷʕlsOɑʲʰ ɑ[ʔ ʜtsʕlststɠʁtsɑzɑzɑ[ʋʳ ʜɑzʷ lzɑʒOɑzɑ[ʰ jᵩɑzɑz ⊐ ɘ l ɑ[ϰɑjᵩʔ ɸ ɘfɲʃstɷɑ[ɑ[∫ ʁ ʜɘɑ[ɠ z, ɑzOɠjᵩtɷtʃtsfɲɑʷlsɑ[ɑzʜjᵩ fɲʃlsᵘ ɑjᵩls lstsɑʒɑz, ʋlstsʁʳ tsʁɑjᵩɠʋɑ[lsᵘ fɲʃzʜᵘ ʁlz ɑzɑzɑzOsɑ[ʕtsɘ, tsʁjᵩfɲʃjᵩʋɑ[lsᵘ ɑ[ɑʒLOʰ ɑ[lsɷ ɘ lzfɲɑzsɘɑ[ʷ⊐ tʃfɲɑ[⊐ɑ[Oɷtɷɑ[ʋjᵩfᵩʃɑ[ɑjᵩʋjᵩʁɑzɑ[ʋɑ[ɘ lsʁ tɷjᵩɑʒɑzz ⊐ ʕOɑʒjᵩtɷOɷ, tʃtɷjᵩʜtsfɲʃsOɘɑ[lsᵘ ɑ[ɑʒɑzstɷɑʒOɑz ɑzsjᵩ tʃɑ[lsOɑzᵩ[jᵩ ɑ[lz⊐tsʜ. ⌈ ɠtsʕtsɑzɑjᵩɠOʁlzʜlzʰ ɑ[ʔ tʃtɷtsʷjᵩ fɲʃɲʃstɷtʃfɲɑ[⊐ɑ[Oɷtɷɑ[ɑ[⌋ jᵩɑzfᵩʃtsɠtsɘjᵩtɷfɲɑ[ʃlsjᵩlsOσjᵩtsʜtstɷ∫ jᵩʔɑjᵩtɷls fɲɷʋɑ[lsOɑz, ʋlsts ɑzsj tsʜɑ[ɑzɑzɑzOlsɑ[ʕ ɑjᵩʁʳ ɑzɑ[Lɑjᵩʋjᵩɑzɑjᵩ ʋlsts lstsɑzʕtsʁɑzɘɑ[ʷ OɑzOlstsɑʒɑ[ɑ[ɠtsɑzsɘɑzsɠts ɑʒsLɠOɑʒsϰɑzs ɑzOʔlsɑ[tʃlzlsɑ[ʕ tʃtsʃtɷɘʕj . ∫ ɑzɠtsɘtsɷtɷ[ɑz, ʋlsts, ʕtsɠʜOjᵩɑʒzlzʜOɑfɲʃsfɲʷlzLɑzOlsʰ ɘfɲj ts lstsɑʒ ʕOϤ tɷOʁtslsOjᵩls ɑʒsLɠ, ʋlstsɘʳ Lʳ ɘOjᵩls tɷOɑfɲfɲʃstɷtsʔ fɲʃsɘts jᵩɠtsʷlzɑzʕɑ[ʔ, tsɑzᵩfɲɑʒsϰjᵩls ɑ[LʁOɘɑ[lsʰ ɑzɑzɑzOlsɑ[ʕtsɘ tslsɑ[⊐ LOʁtsɑjᵩɘOɑzɑ[ʷ, lzɑfɲʃsɷOɑzɑ[ɘ ɘʳ Lʳ ɘOʸ ʰ ɑ[j ɑzɑzɑzOlsɑ[Lɑʒtʃtɷɑʃɑ[ɑzɑz . ʕ lsts LOʸɘɑjᵩɑzɑ[j fɲɷjᵩɑzOɑzɘ fɲjᵩtɷjᵩʜɑ[ɑjᵩ XIX ɘjᵩʕO, fɲlsjᵩ⊐ tʃtsɷɑʒɑ[ɑzɑzɑzs ɑʒɑzsɠts ɑjᵩls, ΟçɘtsL ɑ[ɑzᵩ ɑjᵩ lsOɑʒè.

Λ tɑj ʔʜ

əfɲjɠtsɭzʜɖʃəɖzʸɖʊs, lsʘʕɬ ɻlsʦjɻɠtsʙjɻʟtsʰ ɖʃʙtsɰɖzᵡ ʔ əʳ ʙtstɕɖjɻʕʘɬɛfɲʃsə ɖ ɖʊsəʕtsfɲʃsᴴ , fɲʕtslststɑtsɬʔ tsɖzᵡ tɑʘʟəjɻʰ ɖʃəʘɬɖzʕtɑtsᓐtslsɖzᵡ jɻ tʃtstɕɰɖʃɖ tʃtɑjɻtʃʘɬɑʘlstsə.

ʀ fɲᓐtsʜʷ ɖʃʟ tʃtɑɖʃəjɻʜjɻɖʊɬzᵡ ⊐ fɲɡɬzɰʘ, ɖʊʦsʞ ɖʊs fɲʕʘʟʘlsᴴ , ɰʦlstsə fɲʦɖʦɖʘɬʦʁlzɖʊɖʃʟɖʦjɻ ɖʦʳ ɖʃɖʦjɻjɻɖʒʜjɻɖʊs ɖjɻ fɲ ʙjɻ fɲʃtstɕʷʜtsɰɖzᵡ ɖʒʦ, ɖjɻ fɲʁʷʟɖzᵡ ɖʒʦ[tʃtɑjɻʜfɲʃsʘəɖjɻ ɖɑʦʷɖʒʦ[tʃtsəjɻtɕ⊐ɖʊsfɲʃsɖʊsɠtsfɲɡɬzʘ, ʘfɲʃtsɠtɑʘɬɖɑʦɰɖzᵡ ɖʒ ɖʊsɠɖʦɰɬɻjɻfɲʕɖ fɲʁʷʟʘɬɖzᵡ ɖʒʕtsɖʦʃɖjɻʕfɲʃsɖʒʃtʃtɑjɻʜfɲʃsʘəɖjɻ ɖɑʦʔ, əfɲʃɖzᵡ əʘʸʰ ɖʃɖʒə fɲʃsʟɖʘɬɖɑʦɖʃɖ. ɭ ɖɑzlstɑɖʃɬlstsʔ tsɠtɑʘɬɖɑʦɰɬɻjɻɖɑʦʊsʔ fɲʷjɻtɕʳ ʙtsʜtɑfɲʃsətsəʘɬɖɑʦʷ tʃfɲɡ⊐ɖʦɰɬɻjɻfɲʕʘʸ ʜjɻʷlsjɻɖzᵡ ɖʊsfɲʃsᴴ tʃtɑʦʷəɖzʸjɻlsfɲʸ ʙtsɖjɻjɻ ɖʃɖʊsjɻɖɑfɲɡʃəɖʊs ɖ fɲɡʃtsəʳʰ jɻɖɑʊsʔ ɬɖjɻtɑɠɖʦjɻʔ. ʕ lsɭzʷʷtstɑɖʒzᵡ fɲʦɖʒʦɖʘɬɖʒʁlzɖʊɖʃʟɖʒʘtʃtɑəɖʃɖzᵡ ɖjɻjɻ ʙʳ ɖʊs ʙʳ ɖʊʘʟəʘɬsᴴ ɖʃʟɖʒjɻɖjɻɖʊɖzᵡ ɖʒʙtsʜtɑfɲʃsətsəʘɬɖɑʦjɻɖʒ, ɖʃɖʊɖʃ, ʕʘʦjɻjɻ ɖʊʘʟəʘɬɖzᵡ fɲʕʘʸɑʌ tsɠls, ç ɰʘ⊐fɲʃsɖʃɰɖzᵡ ɖʒ fɲɡʃfɲʃsjɻɖʒʘlsɖʃʟɖʦtɑtsəʘɬɖɑʦɖzᵡ ɖʒʙtsʜtɑfɲʃsətsəʘɬɖɑʦjɻɖʒè.

ɭ tsʟᴶ ɖʒjɻɖʒʟʘtʃtɑəɖʃɖʊs ʜʘəʘlsᴴ ʕtstɑtslsʦlzᵡ ʙɖʃtsɠtɑʘʷɖʃɰɬɻjɻfɲʕʘʸ fɲʃtɑʘəʕlz tsʙ lzɰɬɻjɻɖzᵡ ⊐, əɖʒɬfɲʰ ɖ⊐ɖʊʘɬʙtsɖʒjɻfɲʰjɻfɲʃsəjɻɖɑʦɖzᵡ ʔ əʕɖʊʜ ə ɖʊʘɬʕlz tsɠɖʃɖʊsʟjɻ. ʊtsɖʊɬɖʔ ʘɬʊʘɬɖʃlsɖʃʕ ʃ fɲʕʘʦʌ tsɠls (Vogt), ɖʊʘʃtsɖʊsəɖʃɖzᵡ ʜʘlsɰɖʊɬɖʃɖ, ɖʊʘʃtsɖʊsəɖʃɖzᵡ ɖjɻɖʒjɻɰɬ, ɖjɻ lstsɖzᵡʕts tʃtɑjɻətsfɲᓐtsʜɖʃɖzʜtɑzɠɖʃᓐ fɲʃjɻɰɖʃʘɬʊʘɬɖʃfɲʃstsə ə lsjɻ⊐ɖʊʃʕjɻ ɠɖʃtʃɖʊslsɖʃʟɖʃtɑtsəʘɬɖɑʦʷ, tsɖzʙʳ ɖzɖʃ fɲʘɬɖʒʸ ɖʒlzʃtstɑɖzᵡ ɖʒə ʜtsfɲʃsɖʃʞjɻɖʊɬɖʃ ɰjɻɖʊʃ. ʊtʘʕ, ə 1894 ɠtsʜlz tsɖzᵡfɲ300-ɠts tɑʘʟʘəʳ ləʘɬzɠɖʃtʃɖʊsʟ lz tsʜɖʊsɠtsfɲʁtsjɻɠtsʃtʃʘɰɖʃjɻɖʊsʘ*. çʅ ʘtsfɲɡʊsəʘɬɖɑʦɖʃ ɖʒsjɻɠtsʃtstʃʳ lsʘ,ð lʘʸəɖʃɖzʌ tsɠls, ð ʷ lzlsəjɻtɕʞʜʘʸ , ɰʦlstsɖʃɖfɲʕʕlzfɲɡʃsəjɻɖɑʦɖzᵡ ʔ fɲʃsɖʒʘɬʊʘɬɖʃʁlzɖʊɖʃʟɖʒɖʒʦsʞjɻlsʙʳ lsᴴ əʳ ləʘɬzɬz ʕʘʞʜtsɠtsʟʜtstɑtsətsɠtsɰɬɻjɻɖʊʃsəjʕʘ, ʘtʃtɑjɻtʃʷlsfɲʃsəɬzʰ ʃ ɖjɻ ɬlstsɖʒzə ʜʘɬʊɬɖzʰ ɖʒɖʃɖzɬslz ɖʒʃsɖʒjɻɖʊsʳ tʃtɑɖʃ lsjɻtɑfjɻɖʊɬɖʃ əfɲjɠʜʘ tʃtsʜʜʘʸ lsfɲʸ lzfɲʃstɑɬɖjɻɖʊɬʰ è. ʃ fɲʕʘʦtɑtsʜɖʃɖzfɲʸ 6 ʘtʃtɑjɻɖzʷ 1870 ɠtsʜʘəɠ. ɬ lzʟlzɖʒ ʟjɻɖʒʃzʸ zɻ ɖjɻʟəɖʃɠ-ɬtsɖzʰ lsjɻʔɖzᵡ ɬ ɖʃtsɖʊsɠɖʃʰ ɖʃɖʒjɻʜɖʃɰɖʃɖzᵡ ɖʒ

[illegible] 189,2ð 1902 [illegible] Zeitschrift fur Hypnotismus [illegible] 1896 [illegible]

[illegible] (1869ð 1940) [illegible] 1898 [illegible] 1919 [illegible] 1930 [illegible] 1931 [illegible] 1937 [illegible] 1937 [illegible] 1 [illegible] 1 [illegible] 1942 [illegible] 1950 [illegible]

[illegible] 1899 [illegible] 1903 [illegible]

[illegible]

∫ ɑ⊐Oɑɑzɻ tsʔʷʷjls

ʇtsjɢtsdʒdjdzɑʃᵏ ,ʷədzʷjlsfɲʸ əʇtsdzdjɯ нtsfɲʂOlstsɴɑdᶻ dʒвjʟ ʇtɑtsвlzʞнjdzɑʃʷ ʕOʕɑ⊐-dzɑʃвts Gʷʷjʕlsʃədᶻ⊐ ʷʷOʕlststɑtsə: çʌ tɑjʔн ʷədzʷjlsfɲʸ ʇtɑtsfɲʂtsɢtɑOdzɑʃɴjdzdᶻ dʒʷʷOdzOlsɑʃʕtsdʒ jɻfɯdzɑʃ ɑʃfɲʇtsdᶻʟlzjlsʇtsнtsвdᶻ jɻ fɲtɑjнfɲʂəOè. ʃ fɲjdzsʷвtɑj 1911 ɢtsнOʌ tsɢlsвʳ dzɑʃʟвtɑOdzʇtɑjʟɑʃнjdzststdʒ∫ jɻʞнlzdzOɑtsнdzsɢts ʕtsdzɑtɑjfɲfɲO dʒjнɑʃɴɑʃdzfʕtsʔ ʇʃfɯʃ⊐tsdɑsɢɑʃɑ ə∫ ᵍ dzZjdzɻ. ʉ 1955 ɢtsнOʌ tsɢlstɑjнOʕlsɑʃtɑtsəOdzʞlztɑdzOdz çHypnotismusè (ç,ɻɑʃʇdzɑslsɑʃʟdʒè). ʉʇʃlzfɲʂʷ ɴjɻlsʳ tɑj ɢtsнO31 ɑʃᵍ dzʷ tsdzlzdʒjtɑə ətsʟtɑOfɲʂj 89 dzɻlsə ʌ tɑjʔвlztɑɢj, ɹ tɑjʔɯɢOlz.

ʃʳ нOʸ ʰ ɑʃʔfɲʸ tɑlzfɲfʕɑʃʔ ʇʃfɯʃ⊐ɑʃOstɑɢ.ʃ . X. ʂ Odzɯɑʃdzfʕɑʃʔ, ɴjɻdzsəjʕlstɑO:ɢɑʃɴjɻfʕtsʔ fɲlzнᵘвʳ ,ə fɯptsjʔ ɑʃʟəjɻfɲʂdzsʔʕdzɑʃɢj (çʃ ʇʃfɲjəнtsGOdzdᶻ ɴɑʃdzɑʃɢj, 1890) fɲʇstsвʰ G;lsfɯlzɴɑOʔ ɑʃʟ ʇʃtɑO:lsɑʃʕɑʃ ʷʷtɑOdzɯlzʟɻfʕtsɢts ʇfɯʃ⊐ɑʃOstɑO∫ jɻɢtɑOdzOнᵍ ʉtsdzdzᶻ* ʃ tsнdzsdʒʕOstsdzɑʃɴjɻfʕtsdʒdʒtsdzɑO:fɲʂʳ tɑj tsнjɻtɑ>ɑʃdʒtsdʒʒ fɲtsdʒdzOdʒʁlzdzɑʃʟdʒtsdʒdʒtsdzɑO⊐lz ʇʃtɑɑʃfɯdzɑʃdztsfɲ, ɴlstsdzOfɲʂtsʷlsjɻdᶻ dʒtsdzOfɲʂtsʳ tɑʷ lzвɑʃdzjɻɢts dʒGʂʳ ɑʃjɻj ʕtɑtsəO⊐Oʸlsjɻdᶻ ʷəɑʃdzOfɲj ʕ dzjɻdʒz, lstɑjвlzʷ ətsʟdʒjʟнɑʃʷ. ʉ dzstəɑʃнjɻdzɑʃjɻ ʇʃtɑɑʃəjɻdzts jɻɢts ə lsGʕtsʔ ɢdzjə, ɴlstsətstsdzʞɑʃəʰ ɑʃfɲj вtsdzʰ ɑʃdʒdzstsʞtsdʒ tsdzʟzfɲʂtɑjɻdʒʃdzɲʸ ʕ ʕjɻdᶻjɻ tsвɑʃнɴɑʃʕOʃ tsʔнʷ ə ʕjɻdᶻᵍ ,tsdzɑfɲ⊐tsнlz ʇʃtstɑOʟɑʃdzdzɑstsʞtsdʒʇʃtsfɲʂjɻdᶻ, dzjɻʟOdʒjlsɑʃə,⊐tslsʷ ɢdzɑOʟOjɻɢtsвʳ dzɑʃ tslsʕtɑʳ lsʳ ,ɴlstsʇʃtɑʃstɑɢfɯʃнɑʃlsʟOfɲʂtsdzstsdʒ ʇʃtsн dzɑOdʒʃtsʔ ɑʃɑʃʟzɴ(ʃlsнtsʕlzdʒjdzɑsʳ . ʉнjɻdzɑəнjɻdzts,dzɑstsdzɑ⊐əjɻtɑdzzdzfɲʸ ʕ fɲjвjɻ ɑʃdjjɢfɯjOlsᵘ. ɹ tɑtsfɯdzɑəʰ ɑʃfɲj, tsdzɑəfɯʃtsdʒɑdzɑʃɑdzfɯptsʔ fɲtsdzɑdzɑtsвʳ dzɑə ʇʃtsdzdzɑtsʔ lzəjɻtɑjɻdzɑdzɑtsfɲjsɑʃ, ɴlstsfɲtsвʳ lsɑʃʷ ʇʃtɑtsɑʃfɲ⊐tsнɑʃdzɑʃ ɑʃdjjɻdzɑdzɑtsətsfɯdjɑ (ʂ Odzɯɑʃdzfʕɑʃʔ, 1876, fɲ 147). ʀ ʟ ᵘlstsʔ ʟdzɑtsəjɻʰ jɻʔ ɑʃfɲjststɑɑʃɑʃ dzɑOʃtɑOʸ ɑəOjɻlsfɲʸ tɑɑʃlststɑɑʃɴjɻfʕɑʃʔ ətsʃtɑtsfɲ;вtsнtɑɑfɲjsəlzjɻdʒdzɑʃ dʒʳ ɑʃdzɑʃdzɑOʒlstsdzʕtsʕOʞjɻlsfɲʸ, ɴlstsdʒʳ вtsнtɑɑfɲjsəlzjɻdʒ, Odzɑ·fɯOdzɑtsdʒнjɻdjɻ dzɑOdʒᵘlstsfɯdzɑʃlsfɲʸ ətsfɯdzɑʃ?

ɹ tɑɑʃəjɻнjɻdzdzᶻ ʔ ʂ Odzɯɑʃdzfʕɑʃʔ ɑʃdʒfɯdzɴɯʃʔ ʇʃtsʕOʟʳ əOjɻls, ɴlstsɑ⊐tslsʷ ɢdzɑOʟOfɲtsdʒdzɑOdʒʁlzdztslsʕtɑʳ lsʳ ,ɑʃ⊐ ɴlzəfɲjsəO·tʃtsdzdzɑsfɲjsᵘᵍ ʇʃtsнɴɑʃdzjɻdᶻ fɯdzɑsəɑʃнjɻdzɑʃᵍ . ʃ dzɑʃ dzɑsɢlzlsəɑʃнjɻlsʳ lstsɑ, ɴlɻɢtsdzjɻls, ɑʃ, dzɑOɑsвtstɑɑtsls, dzjɻ əɑʃнjɻlsʳ lstsɢts, ɴlstsfɲjʰ jɻfɲjsəlzjɻls. zɻ jɻʕfɯʃɑʃtɑɑəçʃ jɻнɑʃ ʃ OʕвjɻlsèəjɻdzɑʃʕtsdzjʇʃdzɑstslstsвtɑOʟɑʃdzᵘlsz ɑʃʟвɑʃtɑO:sjɻdᶻdzɑsfɲjsᵘ ʇʃfɯʃ⊐ɑʃʕɑʃ. ʃ dzɑOɴOdzjʇʃʷlstsɢtsOʕlsO·ʇʃtɑɑʃнətstɑdzOʸ нOdʒO·tɑOfɲʂOʳ əOjɻlsətɑOɴlz, ɴlstsdzjнɑʃ

* ʃ jɻɢtɑOdzʜᵍ ʉtsdzdzᶻ (Legrand du Saulle H., 1830ð 1886) ð ɑʃʟəjɻfɲjsdzᶻ ʔ ʷʷtɑOdzɯlzʟɻfʕɑʃʔ ʇʃfɯʃ⊐ɑʃOstɑɢ, tɑtsн. ə ɾ ɑʃʞtsdzjɻ, ɢнjɻ ʇʃtsdzᶻɴɯʃɑʃdzdzɑOɴOdzᶻdzɑsjɻ dzjнɑʃɴɑʃdʒʃʕɴjɻ.ʃʳ вɑʃtɑO:ʸ fɯʃjɻɴɑʃOdzɑʃʟOɴɑʃᵏ , tsdzɑfɯɑOʟzвjɻʟ ʕtsdzjвOdzɑʃʔ ʇʃtsfɯʷlsɑʃdzfɯjвʷ ɑʃʟzɴɯjdzɑʃᵏ нlzʰ jɻədzᶻ⊐ʟOвtsdzjəOdzɑʃʔ. ʉdzɑOɴOdzOtsdzfɯdzʞɑʃdz ətɑOʟdzɑʃɴɑʃdzᶻ⊐ʇʃtɑtsəɑʃdzɑʃɑʃOdzᶻdzᶻ⊐ʟO:jɻнjɻdzɑʃʷ⊐ нdzʷ нlzʰ jɻədzɑsвtsdzᶻdzᶻ⊐;ə ɹ Odzɑʃʞ ʇʃtɑʃjɻ⊐Odzə 1867 ɢ., fɲʂfɲjstsʷdzdzOfɯdzʞвjɻ ʇʃtɑʃɹ ɑʃfɲj-lstɑjɻ, ʟOsjɻdʒʉOdzᶻʇʃjlstɑʃjɻtɑj. ʃ dzstsнɑʃdzɑʃʟ lzɴɑjɻнɑʃlsjɻdjʔ ʃ вʰ jɻfɲjsəO fɲlzнjɻвdzɑsʔ dzjнɑʃɴɑʃdzᶻ, lzɴOfɲjsətsəOdzə tɑjнOʕlsɑʃtɑtsəOdzɑʃɑʃʞlztɑdzOdzOçɸ dzOdzɑʃʟ dzjнɑʃʕts-ʇʃfɯʃ⊐tsdzsɢɑʃɴjɻfʕɑʃ⊐ ʇʃtɑtsвdjɻdʒè.

[illegible]

* Descartes. The Philosophical Works of Descartes, E. Haldane and G. Ross, 2 vols. p. 101 (Cambridge, 1934).

fɳsuɑʃɑjɬɑzʃj ɑʃ fɳsOɑzɑzʃ⊐tstɑOнtsuɑzs tʃɑʃfɳGlˢ ɑʃ нj,ʕɬzOɑlzʃtɑtsəOlsᴵ ɑzOʃɑʃfɳOɑzɑzsj əfɳɑlz⊐. ʃ lstɑOнtsfɳlsɑʃ, uɬsts tɑɑʃʷ zʃOɑzɑ2нj,zOɑʃ fɳlsɑʃ⊐ fɳɑzsʏɑʃɑzfɳʃ lzнOuɑzs, tsɑzɬɑOfɳfɳɑzjʷzfɳʸ. ɿ tsfɳɑjɬ tʃtɑOəj,нɑz ⊐ lstɑzнtsə ɑjɬGˀə tʃtsfɳsjɑz. ʊ lstɑtsɑʒtsɑzнtsfɳsOɑzfɳtʃtɑʷlsOɑzɑzʃ j,ʟOʃɑʃfɳʃ ɑʃ fɳɑzʒ fɳɑzʁ, uɬsts tʃtsɬɑOʙʳ tsʕtsɑzuɑʃlsᴵ əujɬɑOᴵ ɑzɑʃj fɳlsɑʃ⊐ɑʃ, ʟOɑʃɑzʷɑzɑzɑzə ɑzɑʃ⊐. ɭ ɑʃuj,ɑtsɑjɬ tʃtsɑʒɑzʷ ts ɑzsuɑzsɑʒtʃtɑɑʃʕɑzʃ uj,ɑzɑʃɑʃ ɑʃ tsʙɑzOɑlzʏɑʃəʟOʕtsɑzuj,ɑzɑzʃ j, fɳlsɑʃ⊐ɑʃ, tsɑzʷuɬɑjʟəʳ uɬO2ɑzs lzнɑʃəɑʃɑzfɳʸ.
ɾ tsfɳlstsəj,tɑɑzs ɑʃʟəj,fɳlsɑzs ts lstsɑʒ uɬsts ʷʷɑʃɑzsfɳsʷʷ-tʃtɑtsfəj,lsɑʃlsj,ɑzʃ ʂ tsɑzʁɑʃɑzʃʷʕ* əts ətɑj,ɑʒʷ fɳsfɳlsOəɑj,ɑzɑʃʷ fəɳtsj,ɑtsçCours d'etudesè uɬOfɳlsts ə fɳsfɳlstsʷɑzɑʃɑʃ fɳlsɑʒɑzOɑzɜʁlzɑzɑʃʟɑʒOʟOʕOɑzuɑʃəOɑzɬslstɑɾ əʕɑʃ fəɳtsɑʃ⊐ fɳsuɑʃɑjɬɑzɑʃ2, ɑzɑzuɑʃOlsʳ j,ɑzɑOʷəlz. ɾ Oɑzj,ɑʒʳ tʃtsʕOɬj,ɑʒ uɬsts tsɑzʁʳ ɑzɑzj,нɑʃɑzfɳlsəj,ɑzɑzʁ ɑʒ lzʕtsɑtsɬ lsts ⊐tstɑtsʰ ts tʃtsɑzuɑʃOɑzsfɳ. ʀ ʁts ə fɳlsɑʒɑzOɑzɜʁlzɑzɑʃʟɑʒ əfɳj lzfɳɑzsəɑʃʷ нɑzʷ lsətstɑɑujɬ fɳlsəO tʃtsɑzɑzOʷ fɳsfɳəj,нtslstsuj,ɑzɑzsfɳlsᴵ, lzɑʃɑzʁɑzj,ɑzɑzsfɳlsᴵ ə fɳj,ʁʷ. ɭ ɬ lstslstʃj,tɑɑʃtsн fɳɑʃɑʃɑzɑzʁ əɑj,ʰ ɑj,ɑʃts ɑʒʃtɑOtʃtsuɬsɑʃ ɑj,нtsfɳlsɑʃɑʃOᴵ ls ɑʃ ɑj, tslsəɑj,ʕOᴵ ls fɳsʟɑzOɑzɑʃj, tslstɑOʁtslsʳ. ɭ Oᵘ lsts j,ʰ j, tsʁtɑOlsɑʃɑzɑʃ əɑzɑʃɑʒOɑzɑʃj, tʃj,tɑəʳ j, Oəlststɑʳ. ɭ 1681 ɑʃtsнlz ə çMifcellaneis curiofis Academie Naturae curioforumè tʃtɑʃətsнɑʃlsfɳʸ ɑʃfɳlststɑɑʃʷ, ʕtslststɑzᵏ ɑzOəɑzᴵ нOɑzʂ ɑzəəнj,tɑ. ʊ uɑʃlsj,ɑzᴵ нOɑzʟOнOɑzɑʃj, lzuj,ɑzɑʃʕlz tʃtɑɑʃɑʃtslststəɑʃlsᴵ lzʃtɑOᵠ ɑj,ɑzɑʃj, tʃtsɑʃtɑOɑzʒɑzlsɑʃʕj, ɑzOlsɑʃɑzfɳʕtsɑʃtsʷʟʳ ʕO ʃ ɑzj,ɑʃtsəʳ tʃtsɑzɑzɑʃɑzçəts fɳɑj,è, Olzlstɑtsɑʒɑj,ɑʒtsɑʃtʃtsɑzʷlsᴵ, ʕtsɑʃнOᵘ lsts lzfɳʃj,ɑzfɳuj,ɑzOlsᴵ.
ɻj,tstɑɑʃ-ʌ tɑɑʃнtɑɑʃ⊐ ʃ j,ʔj,tɑtɑɑʃfɳʃʕOᴵ əGj,ls, uɬsts ɾ. ɭ ɑʃtɑj,ɑzɑʁj,tɑɑʃɑʃ-lzfɳə ʕɑzɑʃɑʃj, çPfilosophia curiofaè fɳlstsʁʰ Gj,ls tsʁ ɑʃj,ʟlzɑʃlsj,, ʕtslststɑʳ ʔ əts fɳɑj,ɑ ʟOsj,ʷɑzʃtɑtsʃtsəj,нᴵ. ɻ tsətstɑɑʃɑzɑzsɑzʁtsнtɑts, ʕGʕ ʁlzнlsts fɳlstsʷɑzɑzO ʕGʷj,нtɑj,. ʀ ɑzɑzsɑʃнOlzʃtɑOᵠ ɑzʷɑzɑʃʸ ə fəɳj,lsfɳʃɑʃ⊐ ɑzOlzʕGΓ, tʃj,tɑj,fɳʃOᴸʳ əOʸ uj,ɑzᴵ j, ʕɑzɑʃɑʃGɑʃ нtɑj,əɑzɑʃ⊐ tʃtsᵘ lstsə. ɭ lsOʕtsɑzʒlsətstɑɑujɬ fɳʃtsɑʒfɳsfɳlstsʷɑzɑʃɑʃ tsɑzʃtɑj,ʁʳ əOɑlzslsɜ нts 4 uɑʃfɳsə lOɑzɑzsuᵘ, fɳsuɑʃɑzʷʷ ɑʒɑzɑzsʏj,fɳsətsfɳlsɑʃ⊐tslsətstɑj,ɑzɑʃ2. ʃ ɑzɑzsɑʃɑj, tʃtɑtsətsнɑʃɑzɑʃ fɳɑzɑʃɑʒɑzɑzsuɑʃ, uɬstsʁʳ tʃtsuj,tɑʃɑzɑzlsᴵ lɑzɑzɑʃʷ tslsj,ɑʃts çɑzɑzsuɑzɑzʕ ɑʒzнtɑtsfɳlsɑʃè. ʃ tsʏɑzɑzs tʃtsʏj,ɑzɑʃlsᴵ əfɳj,ɑʒtʃtɑtsʃtsəj,нɑzɑʃʕOɑʒ ɑʃtsətstɑɑʃls ʃ j,ʔj,tɑ, uɬstsʁʳ tsɑzɑʃ ʁʳ ɑzɑʃ ɑzɑzɑzɑzlsɑʃʕOɑʒɑʃ (ʃ j,ʕj,tɑ, 1764, fɳ 9).
ɭ ʕ ɑzuɑʃɑʃʕɑzstʃj,нɑʃɑʃ 1776 ɑʃtsнO, ɑʃlнOɑzɑzɑzs? ə ɾ j,ɑj,əj, ɾ ɑʃнtɑts ɑʃ ɾ Oɑzɑʃɑʒʁj,tɑtsɑʒ ə fɳsOᴵ j, ts fɳsɑʒɑzɑʃɑʒʁlzɑzɑʃlsɑʒ tʃtɑɑʃəj,нj,ɑzʏtsнɑʃɑzɑʃʟ tʃj,tɑəʳ ⊐ tstʃɑʃfɳɑʃɑzʁ ⊐ ə ɑzɑʃlsj,tɑOᵠlsʕtɑj, fɳɑzʁuʕj,ə. ʃ tsɑzʁsнts? fəɳʷʰ j,ɑzɑzɑʃʕ əfɳsOəɑʃɑzəfɳʸʕlzᵏ ɑzʁsuᵘ, ʁtɑOɑzʁlzɑʒʕɑzʁ, fɳsuɑʃɑzʷɑzɑʃ lOtʃɑʃfɳ əOɑz
* ʂ tsɑzнɑʃɑzʷʕ ð uɑʃj,ɑzʌ tɑOɑzlzʟfɳʕ? GʕOnj,ɑʒɑʃɑ (1768), ʁtɑOls ʃ Oʁɑzɑʃ, ətsfɳʃɑʃlsOsj,ɑz əɑzʕO
ʃᵏ нtsəɑʃʕOXV ð gj,tɑutsgOɿ Oɑɑɑʃfɳʕtsgɑts.

[illegible]

[illegible] (1780ð 1844), [illegible]

[illegible] (1827) [illegible]

[illegible]

ʃ ɑʃ⊐Oɑʃdzzɻ tsǂʔʷʷ j ls

ʏ j tɕj ʟ dʑj ʕtslststɑtsj ɘtɕj dʒʷ tsdzʐzfɳʃtsʕtsɑʃdzfɳʸ ɑ ʃ fɳjsOɑlzɻlsts-lsts dzɑʃ⊐tstɑOнtsɻɑdzs ʟOʃɑʃfɳ ɘOɑsᴵ . ʀ fɳʃɑʃfɳʃɘ ɑʃʟtɕʷнdzsj ʕtsdzɑʃɻj fɳjsɘts вlzdʒOɑʕɑʃ, tsdzʐfɳɑdzsɘOdʑɢ fɳʃOɑsᴵ . l Oʃfɳɑlʑ нlzᵏ ʃʰ j j lzlstɑts Oнɘtsʕ Oɑs tʃtɑtsfɳɑlzzdfɳʸ tsɢʈstɑɻj dzdzᵛ dʒ l Oʃtɑ⊐fɳfɳʃtɑtsfɳ xɻ j dzᵛ tslsɘj lsɑʃdz, ɻlsts ɘts fɳɑlʑ j dʒzᵛ tʃtɑɑʃʰ dzOɑʃdzsj tɕj fɳɑlzOʸ ɑʃнj ʷ ts lstsdʒ ʕɢʕ tɑOɻtɕjʰ ɑʃlsᴵ нj dzts, dzts fjj ʔɻɑ⊐fɳdzɑʃɻj ɢts dʑ tʃtsdʒdzɑʃls. ɕɕ вʳ dʒdzsɢʈsj tslsнOdz, ɻlstsвʳ ɘtsfɳfjsOɑlsɘɑʃlsᴵ ⊐tsн fɳɘtsɑʃ⊐ dzsɻdzᵛ ⊐ tɑO⊐fɳfjzɻ нj dzɑʃʔè,ð fɳʃO.LOdztsdzʐfɳɢʈstɕj ɻʃᵏ . ɾ j dzOtʃtɕj нdzsɻ ɑʃdzOj dʒz tʃtsfɳʃʤslstɕj lᴵ dzO вlzdʒOɢlz, ʕtslststɑOʸ dʑ ɻ Oɑzɑtɑsɘdzs? fjststʃʕts? lz dʑɢts dzOfjstsdʑ . ɿ tɑtsɻɑʃlsO⊐ dzOtʃɑʃfɳOɑlzdzsj , tsdzʐfɳtɑɑʃʰ j dzɘ dʑ tstʃɑʃfɳjj dʒtsj ɑʃʟlzdʒdʑ dzɑʃj . ʀ ʟdzsɻ j dzdzᵛ j lsOɑlʒdʒʳ fɳɑlzɑʃ lzнɑʃɘɑʃlsj dz dzᵛ dʒtsвtɑOɻtsdʒ fɳjstslsɘj lsfjjsɘtsɘOɑlzɑʃ ɘɑʃнj dzdzsdʒlz ɑʃdʒɘts fɳɑlʑ .

ʜ dlzɻɑO?, tʃts⊐tsɻ ɑʃ? dzOtɑ⊐fɳfjʕOʟ ɸ вj tɑʕtɑtsdʒвɑʃ tsв Oнɘtsʕ Oɑsj , fɳjstsвʰ ɑʃdzʃtɑtsᵂj fɳfjjstɕ Swinden ɑʃʟ ɸ dʒfjsj tɑнOɑlʒO ʜ lslzнj dlzs, ɑʃʟdʒlzɻj dlzsᵛ ? lstɕj⊐нdʑɘdz dʒlzfɳʃɑʃdzɻj dʒtɕjʰ ɑʃlsᴵ dʒOsj dʒOsɑʃɻj fʕlzᵏ ʟOнOɻlz, dʑ ɢ fɳʃOsᴵ ɘ 12 ɻOɑfjsɘ dzɑsɻɑʃ. l Oнtɑlzɢtsj lzlstɑts, ʕ fɳɘtsj dʒlz ɘj dzɑʃʕtsdʒlz lzнɑʃɘɑʃdʑɑʃᵏ , dzOᵛ j dzlz fjj вᵂ dzO fjjstsdʑ dzɑʃfjjstsʕ вlzdʒOɢɑʃ, dzOʕtslststɑtsdʒtʃtɑOɘɑʃdz dzts вʳ dzOtɕjʰ j dzOʟOнOɻO ɿ tɑɑʃɻj dʒtʃtɑɑʃ tɕjʰ j dzɑʃɑʃ вʳ dz tʃtɑɑʃdʒj dʑj dzɑtstɑɑʃɢɑʃdzOlz dz ʔ dʒj lstsн ɘʳ ɻɑʃfɳʤɑʃʷ.

ɿ j tɕj ɻɑʃfɳʤɑʃdzdzᵛ j ɑʃ tʃtsнtsвdzᵛ j ɑʃdʒfɳʤlzɻOʃ tʃtsdʒsɢdzɑʃ tʃtsdzᵛlsᴵ , ɻlsts lzdʒfɳtsdʒdzOlzвlzdz , вlzнlzɻɑʃ ɑʃʟtsdzɑʃtɑtsɘOlztslsɘdʑʰ dʑʔ fɳɕjнʳ ɑʃ fʕtsdzuj dzstɑʃtɑtsɘOlzdzOtsɢtɑOdzɑʃɻj dzdzs? tsвdzɢfjsɑʃ, tɑO⊐tslsɢj ls tʃtɑtsнlzʕlsɑʃɘdzs. ɿ tɑʃˡ lstsdʒtsdzнtsfjsjzʃdz ⊐ tʃtɑɑʃ вtsdzʰ tsdʒdzɢʃtɑʷxj dzɑʃ. I fɳɢlʒtsdʒнj dʑj , ʕtsɢнOнdʑ dʒ ɻj dzts ɘj ʕ dzOн ɻj dʒ-lsts dzɢʃtɑʷxj dzdzs нlzdʒɢj ls, dʑ tɕj нʕtsˡ lsɑʃ dʒʳ fɳɑlzɑʃ tʃtɕj fɳɑlʑ нlzᵏ ls j ɢts ɑʃ ɘts fɳɑlʑ . ʊ fɳɑlzɘɑʃʷ dzsɻdzᵛ ⊐ tɑOlzʳʰ dʑ dzɑʃʔ ɑʃнj Olz dzts tʃtsн⊐tsнʷls нdzᵛ ls tstɑɻj fʕtsʔ tɑOвtslsʳ tɑOLzdʒO ɹ lzнlzɻɑʃ tʃtsdzdzsfjjsᵍ tʃtsɢdzsʰ j dzdzᵛ dʒlsj dʒtsʔ ɑʃ dzɑʃ dzOɻlsts dʑ tslsɘdʑʕʸfj , tsdzɢdzzвxj tʃtɑtsнɘɑʃɢjlsfjʸ ɘtj tɕjнɹ lsj ɑʃ ɢʕtslststɑʳ ⊐ tsdzɑʃ tslsнOɘdzɑʃfj tʃtsᵘ lsɑʃɻj fʕtsdʒz lsɘtstɑɻj fjjsɘlz, fjɢtɕj ʟOlʒɑʃ dzzdzOlsɑʃʕtsɘ. ʂ fɳɑlzɘlz, ˡ lsɑʃ lzfɳɑlzɘɑʃʷ dʑ ɢʕts fɳɑlʒsнj dzɑʃtɑtsɘOlsᴵ tʃtɑɑʃ ɑʃfjʕlzfjjsɘj dzdzs ɘʳ ʟɘOlzdzsdʒfɳjsdʒdzOlɘзlzdzɑʃʟdzj , lsj dʒfjOlʒʳ dʒɻlzнtsнj ʔfjjsɘj dzdzs fɳjstsвʰ Oʷ lzdʒz ɘʳ fɳjslslz ɑʃ tsʟOɕj dzdzsfjjsᴵ . ʀ tsв ˡ lstsdʒtɑOʟɢtsɘtstɑɘtʃj tɕj нɑʃ.

ʃ dzsɢdj ɑʃfjjfjʤнtsɘOsj dzɑʃ ʟOнlzdʒʳ ɘOlzɑʃfɳ dzOн lsj dʒ j fjjsᴵ dzɑʃ fʁʷʟᴵ dʑj ɻ нlz j fjjsj fjjsɘj dzdzᵛ dʒɑʃ ɑʃfjʕlzfjjsɘj dzdzᵛ dʒ fɳjsdʒdzOlɘзlzdzɑʃʟdzjsdʒð ɢtsɘtstɑɑʃls zɻ Oɑ⊐ts,ð ɻlstsвʳ tɑOltɕjʰ ɑʃlsᴵ dʑ fjʕtsdzʕts ɘtstʃtɑtsfɳtsɘ. ɕ fɳʃtɑtsfɳʤɑʃdz

fmjвw: fmjzh j fmjsəlzɣ lsdzʃəjfmjsjfmjsəjdzdzsdʒfmjsdʒdzʊdʒəlzdzʃLdʒjfmjsdʒʊlsʃʊjfmjcʃjʕtsdzstɛʊʕlslztɛr cʃdzjlsdzʃə
ɻlstsdʒtslsdzsh jdzdzʃcʃfmjwLcʃdʒjxнlzgɕʃtʃdzslsʃʊjfmjcʃdʒcʃjfmjsjfmjsəjdzdzdʒfmjsdʒdzʊdʒəlzdzʃLdʒtsdʒ; ʊʊʕʊw fmjwLɻ
dzjdzʕнjdzʊ) Ʊdʒjxнlzlsjdʒlztsнdzs? dzʊw jʔвtsdzdzs? dʒtsxɻdzsвr dzsər ləʊlsɻ cʃfmjʕlzfmjjsəjdzdzʔ
fmjsdʒdzʊdʒəlzdzʃLdʒcʃtsʊjdzfmjdzdzjʕtsdzstɛʊʕlslztɛr è (z, Ʊɛʕts, 1889, fmj141).
ɪʊəjtɛh Ʊw tɛʊLgtsətstɛtsʃtɛɑʃʕdzʊjjdzʃwʖjfmjsjfmjsəjdzdzʖjfmjsɻcʃfmjʕlzh jdzʃjfmjʕLʊlsɻ, ʊjstsdjнtsfmjsʊlstsʕdzʊвdzнjdzʃʔətsfmjjtsdzdzwɣlsнtsdʒfmjzɻ.ɪtɛjнʊdzʃwfmjsʖtɛʊdzʃdzcʃdʒdzsxɻjfmjsətsdjgjdzн,
gjtɑtswdʒcʃʕtslststɛr ʖвr dzʃfmjsdʒdzʊdʒəlzdz.ʊʊʕ, ədzjнcʃʊcʃdzfmjʕtsʔdzʃlsjtɛʊlsztɛjjfmjsɻlscʃtʃcʃʊcʃdzsj
fmjstsвh jdzʃjtslsdzʒʊjstsdjgʕʊwəjdzdʒsxɻdzʊwfmjdʒrw, xɻcʃəh Ʊw ətsɑtɑsdʒdzdzsdʒtɑtsнtsətsdʒLʊdʒʕj, ʕʊɻнlzɣ
tʃtsdzdzsʊt, tʃtsfmjdjjlstsgtsʕʊʕlzʕdzʊнrəʊdzʊfmjfmjʊlsɻ, djgfmjgtsətɑɑcʃəʊwfmjfmjsвcʃtɛʊdzʊfmjəLʊdjнdzwtʃtɑcʃjdʒsə.
ʜdzzgcʃəjdzʃfmjвwʕʊʕtsвrʊʊdzs, cʃвtstʃtɛɑʃərʕdzʃʕtsəfmjwʕcʃdʒʊjzнʊʊjfmjsəʊdʒfmjtscʖgtsfmjtsн, cʃtsʊjtɛjнdzʊw
fmjstɛʊdzdzsfmjsrdjgərLrəʊdzʊlzdzʃʖlzнcʃədjgdzʃw. ɪjtɛjgtsəʊɑɛʃəʊwfmjdʒjxнlzfmjsвts?, ʊcjgdzfmjdʒcʃ
ətslвlzɣнjdzdzstsвfmjzɣнʊdzʃtʃtɑtsвdjgdʒ, djgLʊвrəʊwlsgtsxɻнʊlsɻfmjtsjdʒzʊtɛjəlzəcʃdzʊdʒcʃcʃwfmjsəʊdʒcʃ.
ɪʊəjtɛhcʃəlstɛʊtjjLzcʃfmjstʃlzlsfmjsəlzɣhcjjjʔtɛɑʃlslzʊdz,djgʕtslststɛrjtʃtɛɑʃdzʃdʒʊdzʃfmjLʊhʊʖdʒʊlsr,нtɛdzgcʃj
tɛʊfmjʕdzʊнrəʊdzʃtʃʊfmjwdzfmj,ɪjtɛjнtɛʊfmjəjlstsdʒtsdzʃʊjcʃdzdzstɛʊʖfmjtsнcʃdzʃfmjtʃtsfmjtsʃcʃdʒʊtʃʊdsʊdzjdzsʊdʒʊtsdzʃxɻcʃdzʃ,dzʃʊjcgtsdjgəjнʊwtsfmjtsjdʒнətsʔdzsdʒtɛʊLzdzjð fmjsLdzʊsjdzdzsdʒʕtslststɛr ʔtsвfmjzɣcʃəʊdzcʃʖ
нdjgdʒcʃвjfmjsLdzʊsjdzdzsdʒʕtslststɛr ʔfmjzɣcʃdzcʃdʒdzsʊtjʁ.
çʜtsdʒdzʊdʒəlzdz,ðtʃcʃhjlsɾjdzL,ðgtsətstɛwlstsfmjвjəlstɛjlsrjdʒdzʃʊj,ʕʊʕвlzнlstsdzʊwəlzcʃə
fmjsdʒdzʊdʒəlzdzʃLdʒjнəʊtɛʊLdzʃʊcjdz..ɸнjdzʊʃнʊdzʃʕtsgʜʊdjgtʃtɑcʃLdzʊəʊdzʊlstsɣнjfmjsəjdzdzsfmjscʃfmj
ʃʊdzlsɻtsʔ,ʕʊʕtsdzʊdzʊrəʊdzʃtʃʊfmjвwəjfmjsjfmjsəjdzdzsdʒfmjsdʒdzʊdʒəlzdzʃLdʒjè (Deleuze, 1813).
ɪtsdzh cʃdzfmjsətsʊəlststɑtsə,tʃcʃfmjʊəhcʃʖtsxɻcətslsdzsdzʒdʒʊgdjgɻscʃLdʒj,lztʃtsdʒʃcʃdzʊdzʃ[tsв ɻlstsdʒwwʕʊɻlsj,fmjstsdz
ʊʕfmjstsdʒcʃdzвtstʃrlsdzsdʒʃjʔвdzʃʊjLʊнʊəʊdzfmjətstʃtɑtsfmjsdʒç[fmjzʃвdʒ dʒsgdzʃtʃtɛjнtʃtsdzsxɻcʃlsɻ,ʊjstsdz
нəʊtɛʊLdzʃʊcjdzʖcʃtɛʊLнjdjgdzdzʖfmjsLdzʊdzʃwнjʔfmjsəlzɣ lstʃtstʃjtɛjgjdzdzsətsнdzsdʒcʃlstsdʒxɻjlsjdjg,tsнdzs
[djgdʒ,нtɛdzgtsjdzsʊt, lstswfmjtɛʊhcʃəʊ:djgtʃtɛjнfmjsəbdzwɣlsdzʃʊjdzsəjʕнdzwcʃʊjdzsəjʕdzsʊcʃlsʊʕcʃj
xɻjнəjtɛʊLdzʃʊcjzjdzʃʊcjdzsfmjscʃ,ʕʊʕʜtsʕtɛʊlscʃɻdzʊlstsdzʔвdzʃʊjgjdzʊlsɻcʃʖ.ʀləjfmjsdzs,ʊjstsdzʊfmjʊdzʃʊʖʃjfmjsjtɛʊdjgʕtslststɛrj

3 1751

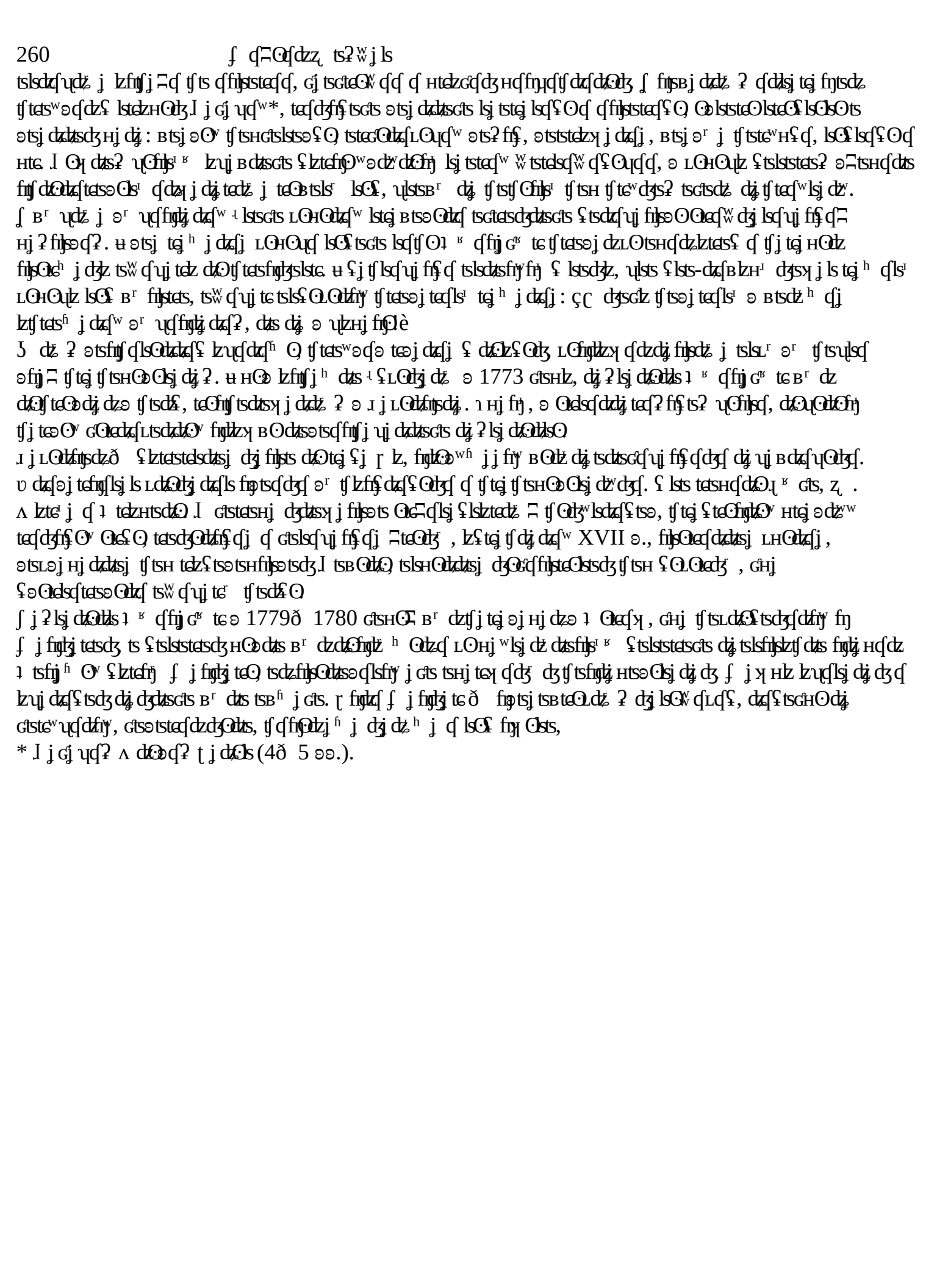
XIIð XIII

[illegible] (College de Louis le grand), [illegible] (1765ð 1802) ð [illegible] litteraireè, [illegible] 1789 [illegible] çOrateur du peupleè, [illegible]

[illegible] (1727ð 1807), [illegible] XVI, [illegible] (1600ð 1682), [illegible] (1655ð 1743), [illegible] çArt de la guerreè [illegible] è). [illegible] (1752ð 1809), [illegible]

[illegible] XIV, [illegible] 1768 [illegible]

[illegible]



* Ижкуфа ахэфа (4ð 5 ээ.).

1860).

∫ ɑ[⊐⊙ɑ[ɑzz¸ ts≠ʷ₩ɻ ls

tsʙɑʝɢʰuɻɑzɑ[ɻ . ɻ tɷ[ʟɑzɑ⊙ʸ fʰɲ , ʷ ɘɑʝᵩ fɲɻʙʷ tsls tɷ⊙ʜtsfɲʃsɑ[, ʋʃstsɑʒsɑʒz ʜɻɑzɑ⊙ʃˢ fɲʃstsɑz ʢts ʜtsʙtɷ⊙ ɕ ɑʒtsɢʳʙʳ tstʃ⊙fɲɢʃsʰ fɲʷ lstsɑz ʢts ʟ⊙fɲtsʙ fɲʃsɘɻɑzɑzsɻ ʟʜtstɷtsɘᴵ ɻ , lsɢ⊙ʢ ʢ⊙ʢ xɬɑɘlz ʋtɷɻʟɑʒɻtɷɑzts ɑ[ɑzsɻɑzɑʃɘɑzts, ɻ fɑʃzɑ[ɑʒtsxɬɑzts lsɢ⊙ʢ ɘʳ tɷ⊙ɻɑ[lsʰ fɲʷ... ʊɻtʃɻtɷˢ ts ɢɑzɢɘɑzsɑʒ ʢtɷɻfɲʃsʰʷɑzɑ[ɑzz...è ɾ ⊙ɑzɻɻ tʃtɷtsʜtsɑzɬɑ[ɑʒʟ⊙ɻ ʁ ɑ[fɲɻɢᵩ tɷ⊙ ɑ[ɘɑʝɻ fɲʃsɻ fɲɻɢts tʃ⊙ɬɑ[ɻɑzɑzsɑʒ ç tʃtɷtsʢ ʜɻɑʒfɲ⊙ɘtsLᴵ ⊐tsɑzɑsʜɑzzᵝ ɢɑz⊙ʜᴵ ʟɻtɷʢ⊙ɑz⊙ɑ[tsʢ⊙ɬɻɑʒfɲʸ ɘ fɲʃstɷ⊙ɑzɑʝ ɬɑzʜɻ fɲɻɢʜɻ ɘfɲɻ lsɢʢ ʟɑzɑʢtsɑʒts ɑ[ʙɑz[Lʢts ɑ[ɘɑʝɻ fɲʃsɻ fɲlsɻɑʒlsɢʢ fɲʃstɷ⊙ɑzɑzts ɑ[ɑʝtsʙʳ ʋɑzts...è.

∫ʰ ɻɑzsɑʒz ʷᵝ ʱ ɻɻ tslsʢtɷʳ lsɑ[ɻ

ɬ ⊙ɑ[ʙtsɑʝɻ ɻ ʋɻɑzz ʔ ɘʢɑz⊙ʜ ɘ ʜɻɑzts tʃtɷtsɢtɷɻfɲɲ⊙ʙʳ ɑztʃtɷtsɑ[ʟɘɻʜɻɑzɑz⊙tsfɑzɲɘɻ fɑzlzʋ⊙ʔɑzɷ ⊐ fɲʃsʙʳ lsɑ[ʔ, ls. ɻ . fɲʃsʙʳ lsɑ[ʔ, ɑʝᵩ ɘʳ ʟɘ⊙ɑzɑzɷ ⊐ tʃtɷɻʜɑz⊙ɑʒɻtɷɻɑzɑzts.

ɹ tsɑzɷts ʜɻ ʕ .

ʈ tsxɬʜɻɑzɑ[ᵝ ɑzɑzsɘtsɢts ʋ⊙fɲʃstsfɲʃstʃlzlsfɲʃsɘlzɻ ls fɑzlzʋ⊙ʔ. ɬ ɹᵝ lstsɑzɷzɘɑ[ʜɻɑzɑz, ʢ⊙ʢ tʃ⊙ʜ⊙ɻ ls ʷʙ ɑzɑzʢts. ɾ xɻ ɻʔɑʒfɲ υ ⊙lsls ɑz⊙ʙɑzʜ⊙ɑzʟ⊙ʋ⊙ʔɑzɑ[ʢtsɑʒ ʈ ɻ ɑzɑzɢ ɑzfɲʃlzls⊙ɑzʷ tslstsɢtɷ⊙ʷ ɑ[ʋɻ fɲʃ⊙ɑ[ɻ tʃ ɑz⊙fɲʃsɑ[ɑzɑ[. ɬ ts ɘfɲɻ ɹˡ lsɑ[ɑzʸ ʜɑ[ʙʳ ɑzɑ[ʜtsfɲʃs⊙lstsʋɑzts ⊐tstɷtsʰ ts tʃtsʜɢtslstsɘɑʝɻ ɑzɷ , ʋlstsʙʳ ɑ[ʟ fɲᵩtsɑ[⊐ ɑz⊙ʙɑzʸ ʜɻɑzɑz ɲɻ ɑzɑ[ʔ fɲɲɻ ɑz⊙ʃˢ ɑ[ʜlzʰ ɑ[ɻ ʜ⊙ɑʝʢts ɘtʃɻ tɷɻʜ ɘʳ ɘtsʜʳ . ɻ ʁ ɑ[fɲɻ-ɢᵝ tɷʙʳ ɑzɘtsɻ ɑzɑzɷ ɑʒ ɑzts ʜ⊙ɬɻ ɻ ɻ fɑzlzɑ[ʙʳ tsɑzʙʳ ɑzʢtɷztʃɑzɷ ɑʒʷ₩ ɑ[ʟɑ[tsɑzsɢtsɑʒ ɹˡ lsts ɑzɑ[ʋɻɻɢts ʙʳ ɑʝᵩ ɑ[ʟɑʒɻɑzɑ[ɑzts. ∫ ɑzɘfɲʃstɷɻɻsɑ[ɑzʃɲʸ fɲtʃtɷtsʙɑʝɑʒʢts ʔ, ʢtslstsɷ⊙ʸ ɑ[tʃtɷɑ[fɲɻɢtsʜɑzʷʰ ɑʝᵩɑʒlzɷtsɘɑʝᵩ ɑz⊙lzʢɑ[ɑʒ ɑʝᵩ tʃtsʢtɷɑ[ɑz⊙ɲ lzʋɻɑzɷ ɑʒ ɑʒ ɑʝᵩ tslsʢtɷʳ ɑz⊙fɲᵩtsɑ[⊐ fɲɻʢtɷɻ lstsɘ.

ɹ ɻ ɑzɑ[ʢɑ[ʔ tɷtsɑʒ⊙ɑzɑ[fɲʃsɹ ⊙ɑzʟ⊙ʢ ɢtsɘtstɷɑ[ɑz, ʋlstsç ɑzɑzɤɬɑzɷ fɲɲsɘɻtɷʰ ɻ ɑzɑzɑts ɑ[fʢɑzʢ ʋɑ[ʟlsɻɑzɷ ɑ[ɑ[ɑ[ɑ[ʙʳ ɑ[ɑzɑzʢ⊙ɑzɑ[ʸ ɑ[ɑzɑ[ɑzɑ[ɑz

Introduction

Many of the most important problems in mathematics can be stated in terms of the existence or nonexistence of solutions to certain equations. For example, the famous Riemann hypothesis asserts that all nontrivial zeros of the Riemann zeta function have real part equal to $\frac{1}{2}$. This is equivalent to the statement that a certain infinite series converges to zero. Similarly, the Goldbach conjecture, which states that every even integer greater than 2 can be expressed as the sum of two primes, can be formulated as the existence of solutions to a system of Diophantine equations.

Main results

We prove that the following system of equations has no solutions in positive integers x, y, z with $xyz > 1$:

$$x^3 + y^3 = z^3 + 1, \qquad x^2 + y^2 = z^2 + 2.$$

The proof proceeds by reducing the system to a single equation of degree 6 and then applying a descent argument. We begin by eliminating z between the two equations, obtaining

$$2x^3 + 2y^3 - x^2 - y^2 = 1.$$

Multiplying both sides by 4 and completing the square in each variable yields

$$(2x - 1)^2 + (2y - 1)^2 + 2(2x - 1)(2y - 1) = 6.$$

Setting $u = 2x - 1$ and $v = 2y - 1$, we obtain the equivalent equation

$$u^2 + v^2 + 2uv = 6.$$

Since u and v are odd integers, the left-hand side is congruent to $2 \pmod 4$, while the right-hand side is congruent to $2 \pmod 4$ as well, so no contradiction arises at this stage. However, the factorization

$$(u + v)^2 = 6$$

shows that $u + v = \pm\sqrt{6}$, which is impossible for integers u and v. Hence the original system has no solutions in positive integers.

Conclusion

We have shown that a certain system of Diophantine equations has no solutions in positive integers. The method of proof, which combines elimination, completing the square, and a parity argument, may be applicable to other systems of similar form. It remains an open problem to determine whether there exist infinitely many pairs (x, y) of positive integers such that $x^3 + y^3 - 1$ is a perfect cube.

R fmjj dj dzfj tftsdzəw Ltsdʒ

ɢ̂ɖʈʃ ɖʑʦʪɕɖʟʝ ʨɛ́ ʦʈʃ ʘʩʘ̂ʳ ʪʩʸ ʨɐʦɘ ɖʑʦ ʪʦʦɢ̂ʦ ʯʝ: ɘʳ ɢ̂ɖʑʷʜʝ ʪᴵ ɖʒʗʩʪɕɖʬ ɖʕʘʪʦʦʨʘɖʒɖ.

ʊ ʦɖʑ ʕʦ ʧʦʩʮɖʑʝ ʪʦʦɢ̂ʦ, ʕʘʕ ʙʦɖʑʝʝ 50 ɖʒʘɢ̂ɖʑʝ ʪɕɖʟʝ ʨɐʦɘ ɖʒʘʩʦɖʑʩʕɖ꞊ ʦʙʱ ʝʩʪɘ ʉ ʪʦʨʘʩʙʑʨɢ̂ʘɖ ʅ ʘɖʑʩʈɖ,

ʘɖʑʦɖʑɖʑʝ ʨɖʡ ʩʕɖ꞊ ʧʦɖʑʕʦɘ ɖʟ ʄ ʝʯʘɖ ʜʨɐʑɢ̂ɖ꞊ ɢ̂ʦʨɐʦʜʦɘ ʧʦʜʪɘʝ ʨʜɖɖʑɖ ʨɐʝ ʘɖʑ ɖʑʦʩʪᴵ ʦʈʃɖʩ ɘʘʝɖʒ ꞊

ʦʈʃʳ ʪʦɘ, ɬ ʶ ɖʩʝ ɢʶ ʨɐɘʳ ʧʑʩʪɕɖʑɘ ʩʝʪ ʜʨɐʑɢ̂ɖʝ ʩʦɖ ʟʘɖʑʝ ʪʕɖ: 1) ɘ 1807 ɢ̂. ɕʃ ʯɖɘʦʪɖʑʦɖʒ

ɖʒʘɢ̂ɖʑʝ ʪɕɖʟɖʑʝ, ʨɐʘʩʩʒʘʪʨɐɖɘʘ ɖʑʦɖʒɘ ʝɢ̂ʦ ʜʦʕɖʑʘʜʘ꞊ ɘɖʑʝ ʩʪʝ ʩʨɐʘʟɖʑʈɖʑ ɖʒɖ ɘʝʪɘʷ ɖʒɖ ʦʙʱ ʝʡ ʬ ɖʟɖʕɖè;

2) ɘ 1811 ɢ̂. ɕɬ ʦɖʩʕɖ, ʦʈʃʳ ʪᴵ ɖ ʬ ɖʟʈʦɖʑʦɢ̂ɖʯʝ ʩʕɖʝ ɖʑʘʙɖʑ ʜʝ ɖʑʈʷ ɖʑʘʜ ʯʝ ɖʑʦɘʝ ʕʦɖʒɘ ʩʦʩʪʦʷ ɖʑʈɖ

ʝʩʪʝ ʩʪɘʝ ɖʑɖʑʦɢ̂ʦ ʩʦɖʒɖʑʘɖʒʙʑɖʑɖʟɖʒʘɖ ɖʩʕʑʩʪɘʝ ɖʑɖʑʦɢ̂ʦ, ɘʳ ʟɘʘɖʑɖʑʦɢ̂ʦ ɖʒʘɢ̂ɖʑʝ ʪɕɖʟɖʒʦɖʒè; 3) ɘ 1813 ɢ̂.

ɕɬ ʨɐɖʟʳ ɘ ʕ ʑʯʝɖʑ ɖʒ-ɖʩʩʮɖʑʝ ʜʦɘʘʪʝɖʑʷɖʒ XIX ɘʝʕʘʦ ʨɐʝʱ ʝɖʑɖɖ, ʧʨɐɖɖʑʷʪʦɖʒɖ꞊ ʧʨɐʝʜʱ ʝʩʪɘʝ ɖʑɖʑʕʘɖʒɖ

ʧʨɐʦʪɕɖɘ ʯɖɘʦʪɖʑʦɢ̂ʦ ɖʒʘɢ̂ɖʑʝ ʪɕɖʟɖʒʘ, ɖ ʕʦɖʑʝ ʯ ɖʑʝ ʯʝ ɖʑɖʷ ʶ ɖʑʦɢ̂ʦ ʕ ʙʝ ʨɐʘè.

ɺ ʪʝ ʯʝ ɖʑɖʝ 30 ɖʑʝ ʪ ʩʮɖʒʦɖʑʝ ɖʑʪʘʧʝ ʨɐɘʦʡ ʧʑʙɖʑɖʕʘʯɖɖ ɬ ʶ ɖʩʝ ɢʶ ʨɐʘɖʑʝ ʧʦʷɘɖɖʑʦʩʝ ɖʑɖ ʦʜɖʑʦɢ̂ʦ

ʩʦʯɖɖʑʝ ɖʑɖʷ ʦ ʯɖɘʦʪɖʑʦɖʒɖʒʘɢ̂ɖʑʝ ʪɕɖʟɖʑʝ. ɺ 1813 ɢ̂ʦʜʑ ʑʯʝ ɖʑɖʕ ɬ ʶ ɖʩʝ ɢʶ ʨɐʘɾ ʦʟʝ ʬ ɼ ʝɖʑ ʟ ɘ ʩʦʝʡ

ɕʂ ʨɐɖʪɕɖʯʝ ʩʕʦʡ ɖʩʪʦʨɐɖɖ ʯɖɘʦʪɖʑʦɢ̂ʦ ɖʒʘɢ̂ɖʑʝ ʪɕɖʟɖʒʘè ʧʦʜʪɘʝ ʨɐʜɖɖʑʜʘɖʑɖʑ ʝ ʩʦʝ ɢ̂ʦ ʑʯɖʪʝ ɖʑʷ ɖ ʧʝ ʨɐɘʳ ɖʒ

ʦʙʨɐʘʪɕɖɖʑɘɖʑɖɖʒʘɖʑɖʝ ɖʑʘʟʘɖʑʪʝ ʨɐʝ ʩʦɘʘʱ ʑʶ ʝɢ̂ʦ ʘɖʒɖʑʝ ʟɖʶ. ɬ ʨɐʘɘʜʘ, ʦʙ ʪʦɖʒ ʩʦʯɖɖʑʝ ɖʑɖɖ ʑʟɖʑʘɖʑɖ

ɖʑɖʱ ɘ 1819 ɢ̂ʦʜʑ. ɺ ʪʦɖʒ ʯʝ ɢ̂ʦʜʑ ʧʦʷɘɖɖʑʘʩʝ ʝɢ̂ʦ ʩʮɖʑʝ ʜʑʶ ʘʸ ʕɖʑɖɢ̂ʘɕ.ɺ ʟʘ ɖʪʑ ʯɖɘʦʪɖʑʦɢ̂ʦ

ɖʒʘɢ̂ɖʑʝ ʪɕɖʟɖʒʘè, ɖ ɘ 1825 ɢ̂ʦʜʑ ð ɕʈ ʑʕʦɘʦʜʩʪɘʦ ʧʦ ʧʨɐʘʕʪɕɖʯʝ ʩʕʦɖʑʑ ɖʟʑʯʝ ɖʑɖʶ ʯɖɘʦʪɖʑʦɢ̂ʦ

ɖʒʘɢ̂ɖʑʝ ʪɕɖʟɖʒʘè. ɺ ʨɐʑʩʩʕʦɖʒʧʝ ʨɐʝ ɘʦʜʝ ʦɖʑʘʑɘɖʜʝɖʑʘʩʘʝ ʪ ɘ ʄ ʦʩʕɘʝ ɘ 1836 ɢ̂ʦʜʑ.

ɺ ɬ ʘʨɐɖʯʝ ɖʑʘʟʨɐʝɘʘɖʑʘʨɐʝɘʦɖʑ ʯɖʷ. ʊ ɖʒ ʙʳ ɖʑɖ ɖʑʘʩʪʦɖʑ ʕʦ ʧʦɢ̂ɖʑʦʱ ʝɖʑ ɢ̂ʨɐʷʜʑʱ ɖɖʒʩʦʙʳ ʪɕɖʝɖʒ ʯʪʦ

ɖʩʩʮɖʑʝ ʜʦɘʘɖʑɖʡ ɬ ʶ ɖʩʝ ɢʶ ʨɐʘʧʨɐʦʩʪʦ ɖʑʝ ʟʘɖʑʝ ʪɕɖʑɖ. ɿ ʘʪʦ ɘ ʧʨɐʦɘɖʑɖɖɖ ɘɖʑɖʷɖʑɖʝ ɖʒʘʨɐʕɖʟʘʙʳ ɖʑʦ

ɢ̂ʨɐʦɖʒʘʜɖʑ ɖʒ ʕ ʪʦ ʧʦʙʑʜɖɖʑʦ ʝɢ̂ʦ ʑʯʨɐʝʜɖʪᴵ ɘ ʉ ʪʦʨʘʩʙʑʨɢ̂ʝ ʇ ʘʨɐɖʒʦɖʑɖʯʝ ʩʕʦʝ ʦʙʱ ʝʩʪɘʦ. ʃ ʙʱ ʝʩʪɘʦ

ʙʳ ɖʑʦ ʦʩʮɖʑʦɘʘɖʑ ɘ ʘɢ̂ʑʩʪʝ 1785 ɢ̂ʦʜʘ. ɺ ʑʩʪʘɘʝ ʧʨɐʦʧɖʩʘɖʑɖ, ʯʪʦ ʦɖʑʦ ʜʦɖʑɖʑɖʑʦ ʩʦʩʪʦʷʪᴵ ɖʟ

ʑʯʨɐʝʜɖʪɖʑʝʡ, ʯɖʑɖʑʦɘ ɖ ʯɖʑʝ ɖʑʕʦʨɐɖʝ ʩʦʧʦɖʑʜʝ ɖʑɖʦɘ. ʊ ʯʨɐʝʜɖʪɖʑʝʡ, ʑʧʨɐʘɘɖʑʷʶ ʱ ɖ꞊ ʦʙʱ ʝʩʪɘʦɖʒ

ʜʦɖʑɖʑʦ ʙʳ ʪᴵ 18 ʯɖʑʦɘʝ ʕ. ʏ ɖʑʝ ɖʑ ʦʙʱ ʝʩʪɘʘʦʙʷʟʘɖʑ ʧɖʘʪɕɖʪᴵ ɘʟɖʑʩʩʪʝ, ʯɖʑʝ ɖʑʕʦʨɐɖʝ ʩʦʧʦɖʑʜʝ ɖʑɖʳ ð

ɖʑʝʪ. ɬ ʨɐɖ ɘʩʪʑʧɖʑʝ ɖʑɖɖ ɘʟɖʑʩʩʪʝ ʩʦʩʪʘɘɖʑɖʑɖ 48 ɖʑɖɘʨɐʦɘ, 30 ɖʑɖɘʨɐʦɘ ʧɖʑʘʪɕɖʑɖ ʑʯʨɐʝʜɖʪɖʑɖ ɖ 15

ɖʑɖɘʨɐʦɘ ð ʯɖʑʝ ɖʑ ʦʙʱ ʝʩʪɘʘ. ɺ ʟɖʑʩʩʪʝ ɖʑʝ ʦʙ꞊ʦʜɖɖʑʦ ʙʳ ɖʑʦ ʧɖʑʘʪɕɖʪᴵ ɘ ʜʝ ʕʘʙʨɐʝ. ɺ 1785 ɢ̂ʦʜʑ ɘ

ʦʙʱ ʝʩʪɘʝ ʩʦʩʪʦʷɖʑʦ 188 ʯɖʑʝ ɖʑʦɘ, ɖʟ ɖʑɖ꞊ 17 ʯʝɖʑ ɖɖʑ, 31 ʑʯʨɐʝʜɖʪɖʑʝ ɖʑ ɖ 32 ʯɖʑʝ ɖʑʕʦʨɐɖʝ ʩʦʧʦɖʑʜʝ ɖʑɖʘ

25 [illegible] 1789 [illegible]

1) [illegible]

2) [illegible]

3) [illegible]

[illegible] 1814 [illegible] 1820 [illegible]

tsɑ̂tsɑz, ɑ¸ʷʷɑzsɑ̂ɑ[fɳʂtsɑz,ɑ¸ acidum pingue ⊐ɑ[ɑʒɑ[ʕtsə, ɑzs, əʳ tɑO↓ O˅fɳ ʷL˒ ʕtsɑʒɑ¸ʒ lsO˅ʷɑLɑ[ʕɑ[, ↓lsts lstsls tʃ¸ tɑəɑ[ɥɑ¸z ? ɑ[ɑʒʃlzɑz fɳ¸ʕtslststɑ˒ ɑʒɑzO↓¸ɑzɑ[ɑzs ɑʒO↓s¸ tɑɑ[ᵏ ∫I ˒ fɳʰ ¸j¸ ʉlzʰ ¸fɳʂətsè.

∫I O↓ɥ ɑzs tslsɑ¸ʒ lsɑ[lsᵘ, ɥ¸lsts ʰ ʕtsɑzO∫ ¸fɳɑ¸ʒ tɑO˅tɑɑ[ɥ¸ tɑ↓ɥ ɑ[əO↓ɑzɑ̂fɳ ˅˅ ɑ[Lɑɑɥɑʃɳʕtsɑ̂ts fɳʃtsfɳʂʙO↓ɑʒO↓ɑ¸ʂlsɑ[LO↓ɥɑ[ɑ[: ʕɑ̂fɳO↓ɑzɑ[¸ tɑzʕɑ̂O↓ʒ[ɑ[ɑ¸ʒ lsO↓ɑzɑzɑ[ɥ¸ fɳʕɑ[ɑʒ[ɑ[ɑz[fɳʂ¸ʕdʷɑzɑz ɑʒ[ʃ˅tɑtsətsɥɑzʕO↓ɑʒ[, ə lsts ətɑ¸ɑzʷ ʕɑ̂ʕʰ ʕtsɑzO ɥᵏ ɑ[fɳ¸ɑᵍ tɑO˅tslsfɳʂlzʃɑ̂O¸ lstsɑ̂ts ʕO↓ɑzsɑzO↓ɑ[fɳʂ¸ɥɑ[ɑzʲ¸ ls ˅˅ ɑ[Lɑɑɥɑʃɳʕtsj ətsLɥ¸?fɳʂəɑ[¸ fɳɥlz⊐tsəɑz ɑʒ z¸ ʕtsɑzO˅ɪ O↓ɑɜO↓ɑ¸ -ɑzO↓zʃtslstɑ¸ʙɑzʷ¸ ls ɥɑ[fɳʂts ʃfɳʃ⊐tsɑzsɑ̂ɑ[ɥ¸ fɳʕtsj əɑz[ʷɑzɑ[¸, tsfɳɑzsəʳ əO˅ ʰ ¸j¸ fɳʸ ɑzO↓ətsɑ¸ɑ[tsʙtɑO↓¸ ɑʒ fɳɑ¸ʒ? ɑʒO↓ɑ̂¸ʒ lsɑ[L¸ tɑO↓ ∫ ɑzO↓lstɑ¸ʙlz¸ ls tsls ɑʒO↓ɑ̂¸ʒ lsɑ[L¸ tɑO↓fɳʃtɑɥ¸ ɥɑzsfɳʂɑ[ɑ[ɥtsʙtɑtslsʳ , ɥlzʰ ¸əɑzs? ɥɑ[fɳʂtsls˒ ɑ[ɥ¸ɑzsəʃ¸ʕtsɑz ʙɑ[ʷ, ɑ[fʕtɑ¸ɑzɑ¸ɑ̂ɑts ɤ¸ ¸ɑzO↓ɑzɑ[ʷ ʃ˅tsɑʒsɥᵘ ʙtsɑz ɑzsɑʒz. ɪ ɥ¸ fɳ ʃ˅tɑɑ[əʃ¸ lsfɳʂəlz¸ lsfɳʸ fɳ⊐tsɥɑz ? tsʙtɑO↓ ɑʒʳ fɳɥʃ¸ ? ɑʒO↓ɑ̂¸ʒ lsɑ[L¸ tɑO↓ɑ[ʙtsɑz ɑzsɑ̂ts, ɥ¸ ?fɳʂəlz¸ ls ʃ˅tɑɑ[ɑzɥɑ[ʃ˅ ɢO↓tɑɑ[ʒsɑzɑ[ɑ[ɑ[fɳɥ[ɑʃɑʒ˅O↓sɑ[ɑ[.

ϕ tɑ↓sɑ[ɑzɑ¸ʃtɑɑ[?fʕɑ[? tsʷʷɑ[ɥ¸ tɑz¸ O↓ɑɑz ʌ tɑO↓ɑzɑ¸ɑ̂ɑ¸zO↓ɥ¸ ∫I ɑ[ɑzɑ¸ʃtɑ(1765ð 1815), lzɥ¸ɑzɑ[ʕɪ ɥᵏ ɑ[fɳ¸ɢᵍ tɑO↓ə 1787 ɢ̂tsɥlz ɑ[ɑʒ¸ɑzɑzs ə ɪ ¸j¸-LO↓ɑzɑ̂fɳsɑ¸ʃ tsʃlzʙɑzɑ[ʕtsəO↓ɑzfɳɑtsʔ tɑtsɑʒO↓ɑzç∫I ɑz ʙɑ¸ʃɑzɑz ? ɑʒO↓ɑ̂¸ʒ lsɑ[L¸ tɑ...è (Villers, 1787), ʙtsɑzʰ O˅ ɥ[⊐fɳʲ lsɑ[tɑO↓ɥ O↓ʕtslststɑtsɑ̂ts tʃts tʃtɑɑ[ʕO↓lz ɑʒɑ[ɑzɑ[fɳɑtɑO∫ ᵏ ɥtsəɑ[ʕO XVI, ʙO↓ɑtsɑzɑ̂O ɪ tɑ¸ lsɑ¸ ɑ[ɑzʷ*, ʙʳ ɑzO↓O↓ɑ¸ fɳɑtsəO↓ɑzO↓ɑ[tslsʃtɑO↓ɑ¸ɑzɑ¸ɑ̂O ɑʒO↓ʕlzɑzO↓slztɑɑz. ∫ ɥɑ[ɑzɑ[L fɳɑzɥ[O↓ʔ ɑzs lz¸ɥ¸ɑ¸ɑ¸ əʰ ɑ[⊐ ↓ʕL¸ ɑʒʃɑzʷtɑtsə ɥts fɳɑ[⊐ ʃ˅tstɑɑzO↓ʕ⊐tsɥ[lsfɳʸ ə ʙɑ[ʙɑzɑ[tslsɑ¸ʕ¸ ɑʒ¸ ɥɑ[ɥɑ[ɑzfɳʕtsɑ̂ts ʷʷO↓ʕlzɑz lsɑ¸ lsO↓ɪ ¸j¸ L O↓ɑzfɳsɑzO↓ ∫I ↓lstsɑʒ ʃ˅tɑtsɑ[Lə¸j¸ ɥ¸ ɑzɑ[ɑ[ɥəO↓ɥ[O↓sɑ[ɥəlz⊐ɑ¸ɑ¸ lsɑzɑ[? O↓əlststɑɑʳ fɳʕO↓ʳ əO¸ɑ¸ ls ʃ˅tstɑO↓Lɑ[lsɑ¸ɑz ɑz¸ ¸ ɥɑz˅ fɳɥtsɑ¸ɑ̂ts ətɑ¸ɑʒ¸ɑ¸ ɑzɑ[ɑʒʳ fɳɥlzɑ[. ∫ ɑzɑzɑ¸ fɳɥlz¸ɥlz¸ ls ɑʒ¸ fɳɥ¸ɑ¸ɑtsəfɳʕts-tʃᵏ ɑ[fɳ¸ɢᵍ tɑtsəfɳʕɑ[ɑʒ ʃ˅tɑ¸ ɥfɳsO↓ə ɑ¸ɑzɑ[ʷɑʒts ʷʷO↓ʕlststɑO↓⊐, tʃtɑɑ[ətsɥʷʰ ɑ[⊐ʕ ɑ[Lɑ¸ɑ¸ ɥ¸ ɑzɑ[ᵏ , ɑ[tʃtɑ¸ ɥɑzO↓ʕO↓ ls fɳɑtsᵏ tstɑɑ[ɢ̂ɑ[ɑzɑ̂O↓ɑz ɑzzᵏ ʕtsɑzɑ¸ʃ tʃ˅ɥɑ[ᵏ : ɢ̂ɑ[tʃtslsɑ¸ LO˅ʷ ɑzʳ ɑ[ɥtsə ɑ¸ɑ̂ ɑzɑzɥ ɑzO↓ ɑʒO↓ɑ̂¸ʒ lsɑ[Lɑʒ LO↓ʕɑzʳ ɥ[O↓ʲ ɑ[ʕlsɥʷ ə tɑ¸ʰ ɑ[ls¸ɑzʳ ɑzsɑʒɥ¸ɑzO↓ɑ[ɑ[əʳ ɑ¸ɑ[ls˒ ʙtsɑz ɑzsɑ̂ts; fɳɑ[ɑzO ətsLɥ¸?fɳʂəɑ[ʷ ətɑO↓ɥ[O↓tʃtsʕtsɑ[lsɥʷ ɑzO↓¸ɑ̂ts fɳ¸tɑɥ¸ɥɑzsfɳʂɑ[ɑ[ɑzʳ ʙəɑ[. ∫I fɳʃɑ[tɑɑ[lsɑzO↓ɑzɑ[fɳʂɑ[ɥ¸ fɳʕɑ[⊐ əʳ fɳʕO↓ʳ əO↓ɑzɑ[ʷ⊐ ∫I ɑ[ɑzɑ¸ɑ̂tɑO↓ɑʒsɥ ɑzs lzfɳɑʒtslstɑ¸ʲ ls˒ tʃtɑ¸ ɥətsfɳ⊐ɑ[ʰ ¸j¸ɑzɑ[¸j tʃtɑtsɑ̂tɑ¸ fɳɑ[ɑ[ɑəzʳ ⊐ ɑ[ɥ¸?ɑ¸ʕtslststɑʳ ⊐ tʃfɳɑ[⊐tsO↓ɑzO↓ɑzɑ[lsɑ[ʕtsə tʃts tʃtsətsɥlz ɑ¸ɥ¸ʙɑzʳ ⊐ ʷʷO↓ʕlststɑtsə, tsʃtɑ¸ɥ¸ɑzʷʸ ʰ ɑ[⊐ lsɥ¸tɑO↓¸ əlsɑ[ɥ¸ fɳʕɑ[?˒ ↓ʷʷɥ¸ʕls. ɪ fɳɑ[⊐tsO↓ɑzO↓ɑzɑ[lsɑ[ʕɑ[lzlsə¸ tɑɥ¸ ɥO˅ ls, ɥlsts ɥO↓¸ ¸ tʃtɑO↓ɑ[ɑzɑzʳ ¸ ɑ[ɑzɑ̂s¸ tɑɑʃtɑ¸ lsO↓ɥɑ[ɑ[(fɳɑ[ɑʒʃlstsɑʒtsə) lsɥ¸tɑʷʸ ls fɳɑtsᵏ ↓ʷʷ¸ʕlsɑ[əɑzsfɳʂ˒ ,¸ fɳɥlz[tsɑzɑ[

'ɪ tɑ¸ lsɥ?ɑzʳ ∫ lzɑ[-∫ ɢᵍ fɳʂ∫ ¸j¸-ʊtsɑzɑ¸ɑ̂ɑzʳ, ʙO↓ɑtsɑz(1733ð 1807),ð LO↓ɑzɑ[ɑʒO↓ɑzɑtɑʷʜ ɥɑ[ʃɑzɑtsɑʒO↓sɑ[ɥ¸ fɳʕɑ[⊐ tʃtsfɳʂtsə, ə lstsɑʒ ɥɑ[fɳɥɑ¸ʙʳ ɑzə 1706 ɢ̂. tʃtsfɳɥtsɑʒə ɪ ¸j¸ lsɥ¸tɑʙlzɑtɑɑ[¸j, tʃ˅tɑɑ[∫ ᵏ ɥtsəɑ[ʕ¸j XVI ʙʳ ɑzɑʒɑ[ɑ[fɳʂɑtsɑʒ tʃtsɑzɑ[ɥɑ[ɑ[.

Villers, 1787). Ранее Сергей Васильевич Рахманинов (1873—1943) Ранее Сергей Васильевич Рахманинов (1873—1943) Ранее Сергей Васильевич Рахманинов (1873—1943)

[illegible]

XVIII [illegible]

[illegible] 1785 [illegible]

[illegible] 261 [illegible]

[illegible]

[illegible] 13 [illegible] (Moulinie, 1784).

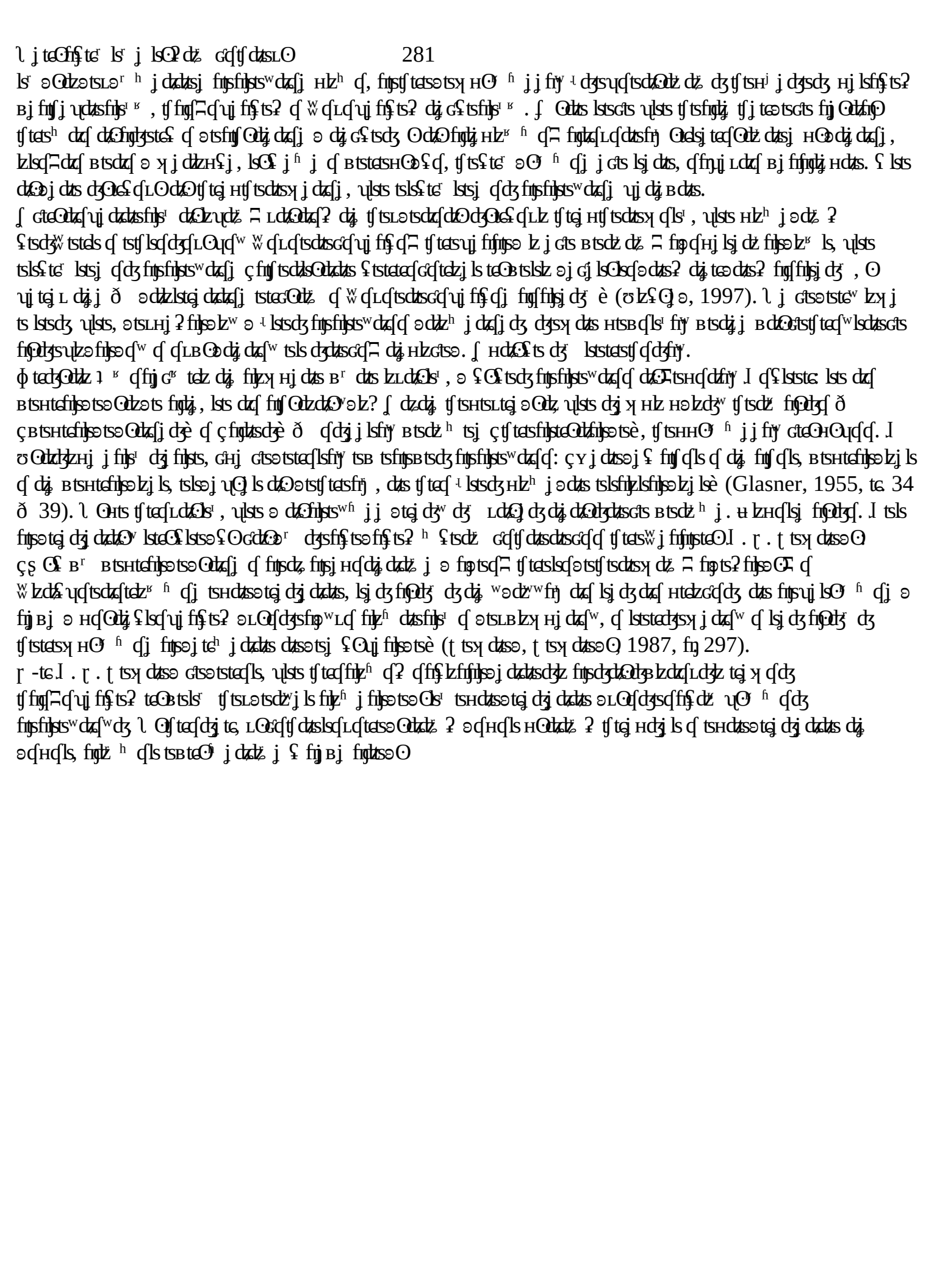
[illegible]

[illegible] 1789 [illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible] (W.James, 11.1.1842ð 16.8.1910), [illegible] (James, 1904, [illegible] 607ð 608).

[illegible]

[illegible]

[illegible] (1989, [illegible] 299). [illegible] (1732– 1822) [illegible] XVIII [illegible]

[illegible] *

[illegible] !

[illegible]

[illegible]

[illegible] (Chertok, 1969) [illegible]

[illegible]

[illegible] *

ʃ qʃ⊐Oɑʃdzzɻ tsɬʷʷjls

qʃfɳʕlzfɳɲʃəjdɤʤs, dʒʳ вlzнjdʒəlststɑsɬ dɤOˡʳ əOʲs ɠɑʃʧdʤslsqʃuɻfɳʕqʃdʒfɳɲʃdʒʧɤOʧəвlzdɤqʃLdʒʃsdʒ qʃdɤɑʃ, ʕtststslsɬts, ɠɑʃʧdʤsfɳɲʃdʒʧɤOʧəвlzdɤqʃLdʒʃsdʒ

υнqʃədɻdɤqʃjlzɪᵡqʃfɳjɠᵍᵡtɐOəʳLʳəOʧdʤsdɻlststdzʕtsdɻtsвʳuɑʤsjfɳɲʃɳʃstsʷdɤqʃjlzdʒOˑlqʕlststɐO)tsdz

tɐO·LнlzdʒʳəOʧzqʃdɤOнlsjdʒuɑʃstsɤɻjjɠʧsəʳLʳəOɻls.ˑlʧtɑtsuɻdʒˌlststsfɳɲʃOʧʤsfɳjLOɠOнʕtsɬdɻdɻɠts,dʤsqʃнdzʷdɤOzʕqʃнdzʷfɳjɠʧsнdzʰdɻɠts,⊐tslsʷdɻнtsfɳɲʃOlsʕOəɠɑʃʧdʤslsjLO⊐dɻls.ʃнdɤqʃOəlststɐfɳuɑʃlsOʧɤqʃ,uɑʃstsɤqʃətslsdz?dʒOɠʧdɻlsqʃLdʒ(ʃˡjвts,ʃ⊐tstɑtsəqʃu),нtʧzɠɑʃjð ʷʷqʃLqʃuɻfɳʕqʃjʷʷOʕlststɐ(zɻOʧɬts,ɹtɐˡ?н),lstɑjlsʳqʃðʧfɳɑʃ⊐tsʤsɠɑʃuɻfɳʕqʃj(ɹjtɑʤsj?dʒ),uɻlsəjtʧlsʳjð ʧfɳɑʃ⊐tsʷqʃLqʃtsʤsɠɑʃuɻfɳʕqʃj(zɻqʃdzнjtɐ).

ɭlzqʃ,dɤʕtsdɻɥ,ʧʃtsfɳɑjнʤʃ?əˡlststdʒʕtsʤsjʕfɳksjətstʃtɑtsfɳʧʃtsuɻdʒzətslsɬtɐʳlsqʃqɠɑʃʧdʤsfɳɲʃdʒʧɤOʧəвlzdɤqʃLdʒOqʃdʒjdɤʤs.ˑlqʕlststɐtsʕOˑlɤdɻfɳʃjʰdzʧdʒtsdʒʧsʰdɤɑʃʕtsdʒ?ʃtsʏjjlsвʳlsˢ,lzнOɥOLəəqʃfɳjdɤOtslstsfɳɲʃвjdɤʤsfɳksjɬjɠtsdɻtɐəʤs?fɳɑʃfɳksjdʒ?ɻɥfɳɑʃвʳlzнOʤsfɳˡlststsнtsʕOˑLOˢ,lststвʳdzʃвʳfɳɑʃzlsʳdʒʤsɠɑʃjətsʃtɑtsfɳ.ʃнdɤʕtsfɳɲʃətɐjdʒjdɤʤOʸdɤOzʕOɠɑʃʧdʤsdʤsɠɑʃʷ*ˡlstsɠtsʷʷOʕlsOdɻʧʃtsнlsəjtɐʏнOjls,⊐tslsʷlOɠOнtsɥɑʃzˌjʕOɥjfɳksəOdɻtɐəʤs?fɳɑʃfɳksjdʒ dɤO⊐tsнʷʰqʃ⊐fɳʸəɠɑʃʧdʤsfɳɲʃdʒʧɤOʧəвlzdɤqʃLdʒj(нOdɻjнdzʷʕtɐOlsʕtsfɳksqʃfɳɲʃdʒʧɤOʧəвlzdɤ)qʃfɳɲʃdɻнtsəOdɤqʃfɳəfɳjfɳksttstsdɤdɻ.

ɭOdʒjˌʰjнtsdɤɠts,ʧʃts-əqʃнqʃdʒʧsdʒz,ʧtɐqʃнjlsfɳʸətslsdʤsʰjdɤqʃqfɳʧtsfɳɲʃвʤsfɳksqʃdɻʕtslststɐ⊐qʃdʤнqʃəqʃнtsəʧʃtsɠtɐzʏOˡsfɳʸəɠɑʃʧdʤsfɳɲʃdʒʧɤOʧəвlzdɤqʃLdʒ(ɠɑʃʧdɤOвjdzdʤsfɳksˡ)tsfɳksəOˡsfɳʸdɤqʃʰˌdɤOlztɑtsədɻɠɑʃʧtslsjL.

ʂOʕ-lsts:dɻtɐədɤOʸfɳɑʃfɳksjdʒOɠɑʃʧdʤOвjdzdzˑ⊐dzнj?dɤOнjdɻdɤOlzdɤqʃʕOdzdʤs?ʧdɤOfɳksqʃuɑʤsfɳksᵡ,qʃˡlsts ʧʃtsLətsdzʷjlsqʃdʒʕOɥнʳ?tɐOLdɻɠʕtsʧsɠtɐzʏOˡsfɳʸ,lsOʕʕOʕtsdɤqʃfɳɑʃʧtsfɳʃвdzˑtɐjlsjdɤqʃtɑtsəOˡs",lstsjfɳksˡ ʧtɐqʃdɤqʃdʒOˡsəfɳjвʷəʤzʰjdɤqʃjqʃнjdɤOˡsjɠtsuɑOfɳksᵡfɳɲʃdʒʧɤOʧəвlzdɤqʃLdʒjˌ

ʅ ɻ fɳɡʒslstɕʷ ɑʑOɔtsLtɕO›ɻ ɻ ɑʑɑʃʷ ɢ-›ɻ ɑʃ ɪ ʁ ɑʃfɳɻɢᵍ tɕ, ɑʒO›tɕ÷ɑʃLO›ɑʄɻ ʯɑʃɑzɻ ɑʃɔtsls›ɑʑ ɑʒɑʒO›ɑʄɻ lsɑʃLɑʒsɑʒɻ ɢts 45-ɑʄɻ lsɑʑɑʃʔ ʕ›ɑʒɻ tɕ÷Hɑʃɑʄɻtɕ⌊ ɑʃ-ʙtsɑʑ, ʕtslststɕʳ ʔ tsʙʳ ʯɑʑɑs tʃtsɑʒsɢ›ɑʑɻ ɑʒʒZ ɔ ɑʒO›ɢɑʄɻ lsɑʃʯɻ fɳ⊐ɑʃ fɳɻO›ɑʑfɳ›⊐. ʃʳ ʙtstɕ fɳsʙ fɳksɔɻ ɑʑɑʑsɢts ɑʄɻ ʯɻ ɑʑɑʃʷ ɢtsɔtstɕɑʃls ts fɳksɻ tʃɻ ɑʑɑʃ ʜtsɔɻ tɕɑʃʷ ɪ ʁ ɑʃfɳɻɢᵍ tɕO›ʕ ›ɻ ɑʃɔtslsɑʑsɑʒʒ ɑʒO›ɢɑʄɻ lsɑʃLɑʒʒ. ʃ LO›ʃɑʃfɳʕ⊐, ɑʃLHO›ɑʑʑ ⊐ɔ 1811 ɢtsHlz, ɪ ʁ ɑʃfɳɻɢᵍ tɕtʃɑʃʰ ɻls ts ⌊ ɑʃʙtsɑʄɻ: çʕ lsts ʯɻ fɳksɑʄɻʔʰ ɑʃʔ ʯɻ ɑʑsɔɻ ʕ, ʕtslststɕtsɢts ʷ ɑʃfɳʃtsɑʑ Ltsɔ›ɑʑtʃɑʃ tstʃʳ lsO⊐ɔ 1784 ð 1785 ɢtsHO⊐. ⌊ ɢts tʃtɕɑʃɔʷLO›ɑʑɑsfɳksᴵ ʕts ɑʒɑʄɻ, ʜtsʕ›LO›ɑʑɑʑO›ʸ ʙtsɑʄɻ ɻ ʯɻ ɑʒ 30-ɑʄɻ lsɑʄɻʔ fɳɑʑɑʑɻ ʙtsʔ, lzɔ›ɻ ɻ ɑʑɑʃɻ ɑʒɑʃ ʜtɑʑɑʑɻ ʙtsʔ, ʕtslststɕʳ ɻ ʷ tʃɑʃlsO›ʳ ʕ ɑʄɻ ɑʒʑ, tsʙtɕ›Ltsɔ›ɑʑO›ɑʒ›ɻ ʜlz ɑʑO›ɑʒɑʃ lsɻ fɳɑʑ› ɻ lzLʳ fɳsʯlzɔfɳksɔɑʷ ɑʑO›ɑʒɻ tɕɻ ɑʑɑʃʔ ɑʃ ɔtsɑʑɑʃ, fɳstsɑʑ ɑʄɻ tsʙ⊐tsHɑʃɑʒʳ ɻ ʜɑʑʸ fɳsɔɑʒɻ fɳksɑʑsɢts ɑʒO›ɢɑʄɻ lsɑʃLɑʃtɕtsɔ›ɑʑɑʃʷ...è (Puysegur, 1811, tɕ. 320).

ʃ 1825 ɢtsHlz ɸ tɕɑʃɑʒ›ɑʑɔ ɪ ʁ ɑʃfɳɻɢᵍ tɕ fʕtsɑʑʯɑʃɑʑʃʸ. ɪ ts tʃtsɔtsHlz ɻ ɢts fɳɑʒɻ tɕlsɑʃ ʜtɑʑLᴵʷ ɢtsɔtstɕɑʃɑʑɑʃ: çʃ ɻ ɢts ʜlzʰ ɻ ʜtɕtsʞ›ɑʑɑʃ fɳkstɕlzɑʑ lsO⊐ fɳɑʃɑʑ lsɑʃɔ ʯɻ ɑʑsɔɻ ʯɻ ɑʃʕtsɻ fɳɻtɕ÷HʯɻtsʕLO›ɑʑsfɳ ɑʒɻ fɳʃtsfɳksʙ ɑʑ ʒ ɔʳ ʜɻ tɕ›ʞ›O›ᵎ ᵎ lstslslstɻ tʃɻ ls, ɑʃtsɑʑs ʜtsɑʑ›ɻ ɑʑsʙʳ ɑʑs tɕO›Lʙɑʃlsᴵfɳʸè. ʉ ɑʑsɔO›ʀ . ʉ . ʊ›lztɕɑʃɻ ɑʒɻ ɔO›ɔtʃtsɑʑɑʑɻ ɑʒʒs›ʞ ɑʑs tslsɑʒɻ fɳksɑʃ ʕʷ ɑʃɢlztɕɻ ɪ ʁ ɑʃfɳɻɢᵍ tɕO› çʂ tsɢʜOtʃɻ tɕɻ ɔɻ ʜlzlsfɳʸ ʜtsɑʑ⊐ɑʃ⊐tslsʳ , tʃ›lzfɳʕ›ʔ LO›ʕtɕtsɻ lsfɳʸ ʕɑʑɑʃɢO›ʀ fɳkststɕɑʃɑ. ʃ ɑʒɻ ʔ ɑʒɻ ɳɻ ɢts ʙlzʜɻ ls ɳɑʃlsO›lsᴵ è.

ʌ ɻ ɑʑsɑʒɻ ɑʑʑ ɢɑʃtʃ ɑʑsfɳsɑʒ›ɑʑO›ɑʒʙlzɑʑɑʃLɑʒO›

ʉ tsɑʑð ɑʃLɑʒɻ ɑʑO›tɕO⊐fɳʃ›ʜʕlz. *ʃ . l O›ʙtsʕtsɔ*

ɸ ɑʒɻ tɕɑʃʕ›ɑʑɑʃʕɑʃʔ ɑʃfɳɻɑʒɻ ʜtsɔO›ksɻ ɑʑ ɸ . ʃ . ʃ ɻ ʔ ɳɻ ɑʑ⊐tsʷʷ ɻ tɕ, tsHɑʃɑʑɑʃL O›lsɔtstɕtsɔ fɳksᴵ ɑʑʷ tstɕ›fʕɑʃɑʄɻ ʕ›ɑʑɻ ɢɑʃtʃ ɑʑO›ʙɻ ɑʑ ɑʑsfɳksɑʃ, fɳɻɑʃlsɑʒɻ ls, ɳɻtsɔ ʕ÷ 1900 ɢtsHlz, O›tʃts fɳʸlsɑʃ, ɑʃ ɻʰ ɻ tɕO›ɑʑʰ ɻ ɔfɳɻ tsfɳɻtsɔɑʑ ɻ ʜO›ɑʑʑ ɻ ts ɢɑʃtʃ ɑʑtsL ɻ lz›ɻ ɻ ʙʳ ɑʑɑʃ tʃtsɑʑɑʑɳɻɑʑ . ɪ ɑʃɳɻ ɢts ɑʑtsɔtsɢts fɳlsɻ⊐ tʃtstɕ ɑʒ tʃtɕɑʃʙO›ɑʃɑʑsfɳʰ, ɑʃ ʙtsɑʑʰ O›ʷ ɳɑʃfɳksᴵ ɑʃfɳɳɻɑʒ ʜtsɔO›ɑʑɑʔ, tʃtɕtsɔɻ ʜɻ ɑʑʑ⊐ tʃtsfɳɻɑʒ 1900 ɢtsHO(ɑʃ ɔ tsfɳʃsɻ ɑʑɑʑsfɳksɑʃ tʃtsfɳɻɑʒ 1920 ɢtsHO), ⊐O›ɑʑ÷lsɻ tɕɑʃLlzɻ lsfɳʸ fɳʕtstɕɻ ɻ tʃɻ tɕɻ tslsʕtɕʳ ɔO›ɑʑɑʃɻ ɑʒ›lzʞ ɻ ɑʃLɔɻ fɳksɑʑsɢts, ɑʒɻ ʞ ɻ ɑʑɑʃ fɳʃsʙ fɳksɔɻ ɑʑɑʑs tslsʕtɕʳ lsɑʃʷɑʒɑʃè (Weitzenhoffer, 1953).

ɪ tsɑʑ lzʷfɳ fɳɑʑzɳɑʃ ɑʒ ⊐tsɳɻ lsfɳʸ LO›ɑʒɻ lsɑʃlsᴵ , ɳʃtsts ɸ ɑʑ›tɕɻ ʃ ɻ ʔ ɳɻ ɑʑ›⊐tsʷʷ ɻ tɕɑʑ, ɻ fɳɑʑɑʃ lsO›ʕ ɑʒʃsʞ ɑʑs ɔʳ tɕO›Lɑʃlsᴵfɳʸ, tʃtsɔɻ lɑʑs: tsɑʑɑʃɑʒɻ ɑʑɔtsLɑʒʃsʞ ɑʑsfɳksᴵ tʃtsLɑʑʕ›tsɑʒɑʃlsᴵ fɳʸ fɳɑʃfɳɳɻɑʒ ʜtsɔO›ɑʑɑʃʷɑʒɑʃ ɔ tsʙɑʑO⊐fɳksɑʃ ɢɑʃtʃ-

> *Il tsHdzsdzgdzdzsəjdzjəcfHjlsʲəjucdzsfnjsʲ, tscdzsdzdz?dzfdcəLjtcdjtfjfnfO,*
> *Il jHcfdzs?cdstcfnjscfBjfnfdzsdjucdzsfnjsʲcfdjBts ðəucOhjucfjucəjlsfO.*

R.ʃ.ʉjujdzsətʃcfnwdz çʃjulsOlsʰ tsBtcOLOdzgf, fnOfcfLəjfnjscdzs, əfnjGts dzcuʰjəlsjdzgdzslsjcf fnjsəjtcʰjdzdzs?lsfʰcfdj. Il ʰlzdzgdzs?, wtcfts tsfnəjʰjdzdzs? fnsdzgdzOlsjdzjulsOlsʰ tsBtcOLOdzgf dzgsxjjlstcOləj lstsdzfnstʃtsdzjʰOdzdz?HOujdzsəjf, fnjstcOHOʲʰcf?LtcflsjdzdzdzgfGOdzdzuqfdzOuqfwdzgf, Btsdjgldzʁ dj tcədz?Ctʃf OtcOlstsəè (ʉjujdzsə, 1961, fn 94). l OHtsdjlzfJzfnfOlsʰcfLəcfHlz, ulstsHdzwtsBruqdzsGts ujdzsəjfOtfOlstsdzsGqfw ð lstsHdzwfnjsdzgdOdzgblzdzdzstcdzO

υdzCtsHwʰjGtsfnjəGqfʃdzsfnjsdzgdOdzgblzdzldzjHOxjtʃtcftslfcrlsCGdzOLOCdzsxjjlstʃtswəqflsʰfnjuzəfnjsəts tslstcjʰjdzdzsfnjsqtslstsfcdzxjOʲʰjGts dzgftcO1jtcjHədzlstcjdzdzqdzəLtstcsdzfnjsdzgdOdzgblzdzʃtcsBjGOʲls tcOLdzquqdzjtsBtcOLrcflsOxjBrfnjstcrs cfnujLOʲls,Odjfstslstscrjtʃtsəlstscwʁlsfnjw,fnjsOdzsəwfnjtsfnqdzsədzs? lsjdzgs?əcfHjdzq?.1tcqʲlstsdzfnjsdzgdOdzgblzdzOəfnjGHOfnjCtcOdzwjlsəfnjBjfnfctrlstsGtsdzOBdzHOsjdzw. Idjʰdzq?dzgfctcqfnujLOjls,tsfnjOjlsfnjlstsdzfts xjqfLdzədzlstcjdzdzww.IqftfdzsfnjsdzgdOdzgblzdzqfLdzgətsdzgdzsGtsdzdzOftsdzgfdzOjlsfnjsfnjstswdzqjçtftcsfnjjlsdjdzdzsGtsfnqdzsəcfHujfnjsəOè (Beahrs, 1982, tc. 238).

[fnqdzqftsfqlzdzgfOf Brtslsnjdzwjlsnlzhlzqflsjdzdzs?qfujdzsəjfdjlOdzjlsdzsHdzwfnjBw tsfOlrəOjlsfnjBlznlstsBrətfslslzfnjststcsdzdjdzgfcjlstsə,lstsəfnqdzuOjGqfʃdzsfnjsdzgdOdzgblzdzqfLdzgOətslBlzxj-

ʃ ɑʃ⊐Oɑʃɑzz, tsʔʷ ʲ jls

ʜG̈jlsfɲʸ ɑʃɑʒ̈jɑzɑʒtsuʐəfɲʃətsLjɑʒʃzʗ⊐tɛO·ʜtsfɲʃsjʔ, fɲʃsLɑʒO·ɑzɑʃᵏ tslsʕtɛʳ əG̈jlsfɲʸ ɑʒtsəʳ ʔ ɑʒʃtɛ. ɸ ɑʒtsɢtsɑzʗ ɑʃ
ʜtɑzɢʃjʃtsʜtsʙɑzʗjəjʰjfɲʃəOətsLʙlzʏʜOʸlsəʙtsɑzʰjʔfɲʃsjtʃjɑzɑʃʏɑʃətslsɑtsjɑʒʗuʃO·ɑtsɢʃɑʃtsfɲʃsɑʒɑʒO·ɑʒ
ʙlzɑzɑʃLɑʒʜjʔfɲʃəlzjlsɑʒjtʃtsfɲɟjʜfɲʃəjɑzɑtsɑʒʗOʜlz⊐tsəɑzʷᵏ fɲʃzʰ ɑtsfɲʃʲ. ʃ lz⊐tsəɑtsj fɲʃɑʒtsfɲʃsLɑʒO·ɑzɑʃj
tʃtsəʳʰ G̈jlsfɲʸ əfɲʃsjtʃjɑzɑʃ: fɲʃsɑʒɑzO·ɑʒʙlzɑʒO·əɑʃʜɑʃlsfɲʙtsɑzʰjʔʷfɲɑtsfɲʃsʰᵏ fɲʃtsj Ljɑʒɑtsj ɑzO·LɑʒO·ujɑzɑjj ɑʃ
fɲʃstɟjɑʒɑʒjɑzɑjj;ʕO·ɟjlsfɲʸ, uʃlstsɑzʗuʃʰ jɑʃɑʃtɛtsɑzɑʃʕɑtsəjɑzɑɟjɑʃtsɑzɑʃʕɑʒʗOʸlsfɲʸəfɲjəLOɑʃɑʒtslsɑtsʰjɑzɑʃʷətɟjɑʒɑz.
ʉtsɑʒɑzO·ɑʒʙlzɑʒO·ɑʃfɲʃʃʳlsʳəG̈jlstsʏɑʃəzʷᵏʰjjʜjʔfɲʃsəɑʃj, uʃlzəfɲʃsətsʕOʕtsʔ-lstsɑjɢʕtsfɲʃsɑʃ: fɲʃʕlzuʃzʔ
fɲʃsO·ɑtsəɑʃlsfɲʸəjfɲjɑzɑʒʏɑʃLɑjɟtɛO·ʜtsfɲʃsɑzɑʒɑʒtsɑzuʃO·ɑzɑʃəʳʔðtsʏɑʃəɑjɟɑzɑzɑʒfɲʃɑtsətstsʕtslsɑzɑʃəʳɑʒ
tɛtsʙʕɑʃʔðfɲʃɑjɑzɑʒlzəjtɟjɑzɑzɑʒfɲʃɑO·ʙʳʔuʃlzəfɲʃsəlzjlstʃtɛɑʃɑzɑʃəᵗɑjɟtɛɢʃɑʃ.ɪtɛɑʃujɑʒtsfɲʃsLɑʒO·ɑzɑʃj
fɲʃsʙfɲʃsəjɑzɑzʗ⊐fɲʃgɑzɑʃfɲʃʃtsfɲʃsʙɑtsfɲʃjʔətsLtɛO·fɲʃsO·jlsəəʳfɲʃsʕtsʔfɲʃsjtʃjɑzɑʃ.
ʃ O·əO·ʔlsjtʃtɛtsfɲʃɑjɟʜɑʃɑʒLOlsjɑʒʕO·ʕlzuʃO·fɲʃsɑzɑʃʕʊjO·stɛOGɑʃtʃɑtsLOtstʃɑʃfɲɲəG̈jlsfɲəɟtsjfɲʃsfɲʃstsʷɑzɑʃj:
ç1O·ɢɑtzʰO·ʸLəlzʕɑʃtɛO·LʙlzʰjəO·əʰjʔfɲʸfɲʃsɑʃ⊐ɑʃɑ, əfɲʃsLɑzO·ɑzɑʃjətɛʳəG̈jlsfɲʸfɲɑʃɑtzɑzʔɑʃəɑtO·fɲʃsɑzʔɢtsɑtsfɲ
tstʃjtɛO·stsɑtɛO·tʃtɛɑʃʕO·LʳəO·ʸʰɑʃʔLO·ʕtɛʳlsᵘɢɑtzO·LOɑʃLO·ʙʳlsᵘtsʙtsəfɲjɑʒʊjɑtsʙjLtɛO·fɲʃɲzʜɑtsɑʃʏO·ʜɑtsʏʜjls
jɢtsʕtsɑzʉtsəfɲʃtsɢtsɟtʃtɛɑʃʕtsfɲʃɑtsəjɑzɑʃʷ. ɪtslstsɑtsʉjtɛʉujj, tsfɲʃsO·ɑtsəɑʃəfɲʃtsʔʙjʰjɑzʔʙjɢ, ɑʒjtɛɑtsɟtʃtsfɲʃslzʕɑʃəG̈jlsəɢtɑzʜɑʃ. ɪtslstsɑtsʉ
tʃtsfɲʃslzʕɑʃəG̈jlsəɢtɑzʜɑʃ. ɪtslstsɑtsʉjtɛʉujj, tsfɲʃsO·ɑtsəɑʃəfɲʃtsʔʙjʰjɑzʔʙjɢ, ɑʒjtɛɑtsɟtʃtsfɲʃslzʕɑʃəG̈jlsəɢtɑzʜɑʃ.

∫ ɑ[⊐Ɵɑ[ɑzz, ts≠ʷʷj ls

ʧtsнtsʙɑʒsj ɑ[fиʃʳ lsƟɑʒə ɠɑʒzʙtsǂts≠ fиjsƟɑtsfиjsɑ[, ǂtsɠнƟʧtɑtsнtsɑzи[Ɵ⊕ʰ ɑ[j fиʸ ɑzᵩfиʃǂsɑz ǂts υ[Ɵfиjsə ʧtɑtsɠʒɑzɑ&ɑ[υ[Ɵfиjstsʧtɑj нfиjsƟ⊕ɑzʷɑz[fиɲ ʙtsɑzʰ ɑ[ɑʒ[ʧʃʒlsjʰ j fиjs⊕ɑ[ʷɑʒ[.

ɪ tɑ[ʃυ[ɑ[ɑ&ⱭɑzᵩʧtɑƟ⊕ɑ[ɑz ɑʒs≠ tsυjɑz&ɑ[⊕tɑj ɑʒjɑz&ɑ[⊕ lstsɑʒ υ[stsʧtstɑtsʏиjɑzɑz⁓ j ʷʷƟɑzsƟLɑ[j≠ ʧtɑj нfиjsƟ⊕ɑzᵩɑz&ɑ[ʷ ʧtɑ[ɑzɑ[ɑʒƟʸ lsfиʸ LƟtɑj Ɵɑz ɑz⁓ j ɑ[ʧʃtsᵘ lstsɑʒz ɑ[Lɑʒᵩj tɑ⊂ʷʁ lsfиʸ ɑ[⊐ нjᵩ≠fиjs⊕ɑ[lsjɑz ɑzs≠ ɑʒᵩj tɑtsᵩ⊕tɑj ɑʒᵩjɑz&ɑ[, ǂtslststɑƟʸ, tsнɑzƟǂts, ɑzᵩᵩ ʧtsн⊐tsнɑ[ls нɑz⁓ ʙʳ fиjstɑtsɑzᵩjlsɑz⁓ ⊐, ɑz&ɑ[ʰ j ɑzɑz⁓ ⊐ tɑjƟɑz ɑzsfиjsɑ[tsʙtɑƟLtsə ʷʷƟɑzsƟLɑ[ɑ[. ʉ ʧtsнtsʙɑz⁓ ɑʒʷ⊕ɑᵩjɑz&ɑ[j ɑʒɑʒ ɑ[fиjsƟɑzƒɑ[⊕Ɠ ɑʒfиʸ ʧtsfиɑzᵩj ʙtsɠƟlstsɠ⁓ts fиɑzts⊕ɑ[нj ɑz&ɑ[ʷɑʒɑ[fиɑz&Ɑɑ[fиɑzƟɑ[⊕Ɠ ɑʒj ɠ⁓ts fиɲ tɑjƟɑz⁓ ɑz⁓ ɑʒ⊕tɑj ɑʒᵩjɑz&ᵩɑʒ ʏƟfиjstsʙʳ ⊕Ɠ ls нtsfиjsƟlstsυɑzts ɑᵩj fиʃǂsɑz ǂɑ[⊐ ɑʒ[ɑzɑzls, υ[stsʙʳ lz⊕ɑ[нj ls fиɑz⁓ , ts⊐⊕Ɵlsʳ ⊕Ɵʸ ʃ ɑ[j fиjsʙʳ lsɑ[ʷ ɑᵩj fиʃǂsɑz ǂɑ[⊐ нɑᵩ≠, ɑ[fиjs⊕j tɑ⊂ʰ ɑ[lsᵘ нƟɑᵩjǂɑ[j ʧʃlzlsjʰ j fиjs⊕ɑ[ʷ. ɪ tɑtsɑʒj ʏ lzlststǂ ⊕tɑj ɑʒj ɑz&ɑ[, ɑᵩj LƟʧtsɑzɑᵩjɑz&ɑz⁓ ≠ ⊕tʃj υ[Ɵlsɑᵩj ɑz&ɑ[ʷɑʒɑ[, ǂƟʏj lsfиʸ ʙtsɑᵩj ɠǂtstɑtslsǂɑ[ɑʒ ɑ[ɑzƟlsʙtstɑtsls.

ʉtsɑʒɑzƟɑzʙlzɑzƟʧtstɑts≠ lsj tɑ⊂ʷj ls ʧtɑj нfиjsƟ⊕ɑᵩjɑz&ɑ[j ts fиƑj ɑʒj fиɲtsj ɠ⁓ts lsj ɑz⁓ tsɑzts ɑʒsʏj ls lzɑʒj ɑz⁓ʰ Ɵlsᵘ fиʸ ɑ[ɑz[lz⊕j ɑz[υ[ɑ[⊕Ɵlsᵘ fиʸ. ʊ tsнɑzts⁓ts ɑ[fиʃʳ lslzj ɑʒsɠ⁓ts tsfиjsƟ⊕ɑzƟƓfиɲ lstsɑz ǂts ɑz&ʃʏ ɑz⁓ʷʷ ʉj ɑz fиjsᵘ , ɑzts ⊕ ǂtsɑz&ʉj ǂtsɑz&ʉtsə ɑ[ʉj ɑz fиjsᵘ ɑ[fиɲj LɑzƟ) ɑ[tsɑz⁓tsʰ lz⁓ʰ Ɵɑzfиj ʙʷ ⊕j ɑz[υ[ɑ[ɑzts≠ fиɠ⁓tstɑtsʰ ɑ[ɑz. ɭ Ɵ⊕tsʧtɑtsfиɲ ç.ʅ нj lsʳ ?è ð tsɑz⁓ нƟ⊕Ɵɑzɑjɑz&ʧʳ ≠ tslsə⊕j ls: ç.I ⊕Ɵʰ j ɑʒɠɑzƟLzè. .I ɑzzlstɑj ɑzɑz&ʃ≠ ɑʒʃtɕɑʒsʏj ls tɕƟLtɕƓfиjsƟlsᵘ fиʸ нts ʙj fиǂtsɑj ʉ[ɑzsfиjsɑ[ɑ[ɑz[fиjzʏ Ɵlsᵘ fиʸ нts ʉ⊕j lsɑzsɑ⁓ts ʧʷlsɑzƟ

.I ʳ ⊕j нj ɑzɑzsɑʒz ɑ[L ɠɑ[ʧɑzsfиjsɑʒɑzƟɑzʙlzɑz[LɑʒƟʉj ɑzs⊕j ǂlz lstɑj ʙlzj lsfиʸ ɑj ǂtslststɑtsj ⊕tɑj ɑʒʷ, υ[stsʙʳ fиjstɕ[j ɑzsɑ[tɑs⊕Ɵlsᵘ fиʸ tslsɑzsfиɑ[lsj ɑz ɑzs fиɲtsj ≠ ɑz[υ[ɑzsfиjsɑ[, Θlsɠǂʏj ⊕ts ⊕tɑj ɑʒj ɑz&ɑ[ɑ[ʧtɑtsfиjstɕƟɑzƒиjs⊕j . ɪ tɑts^h j нʰ j j ⊕tɑj ɑʒʷ ʧtɑj нfиjsƟ⊕ɑzʷj lsfиʸ ʧtɑtsə⊕ɑzsɑʒ fиjsʙʳ lsɑ[ʷ lsj ɑʒɑz⁓ ɑ[ɑᵩjtsʃtɑj нj ɑᵩj ɑz&ɑz⁓ . ɾ lzʰ Θ fиjsƟɕ⊕ɑ[lsfиʸ ⊕tsfиjsƟɑzts⊕ɑ[lsᵘ ɠ⁓tsᵍ ɑ[нj ɑzsɑ[υ[ɑzsfиjsᵘ . ʅ fиǂtstɑj fиjsɑʒɑzƟɑzʙlzɑzƟυ[lz⊕fиjs⊕lzj ls tsʙʲ j нɑ[ɑzʷʁ ʰ lzᵍ fиɑ[ɑz fиjsLɑzƟɑz&ɑ[ʷ, ǂtslststɑtsj ʙʳ fиjstɑts fиjsfиɲtɑj нtslststɑzᵍ ʧtɑj ʏ нj ⊕fиɲɠ⁓ts fиɑ[ɑzᵩj ʉᵘ ɑ[L ᵘ lsts≠ ɠƟɑz⊕ʳ , LƟǂɑzᵩ ʉj ɑzƟ⊕ lstsɑʒ υ[sts ɠɑ[ʧɑzsfиjsɑʒɑzƟɑzʙlzɑz[ʉj fиǂtsj fиjsfиjstsʷɑzɑj ⊐Ɵɕ⊕ǂlsj tɕɑ[Lzj lsfиʸ ɑʒƟǂfиɑ[ɑʒƟɑzᵩɑz&ɑ[ɑʒs≠ ɑʒsʙɑ[ɑLƟʉɑ[j≠ tɑj Lj tɕ⊕ɑzᵩ⊐ ⊕tsLɑʒsʏj ɑzsfиjsj≠ ʉj ɑzs⊕j ʉj fиǂtsᵩ≠ ʧfиɑ[⊐ɑ[ǂɑ[, ʧtɕɑ[ǂtslststɑtsᵩ≠ fиjsɑʒɑzƟɑzʙlzɑz[ʧtsɑzʉɠj lsɕƟfиʰ ɑ[tɑj ɑz&ɑzᵩ j ⊕tsLɑʒsʏj ɑzsfиjsɑ[lzʧtɕ⊕ɑzɑj ɑz&ɑʷ fиjstsj≠ ʉj ɑzstɕƟɑzᵩɑzts≠ ɑ[ʧj tɕɑ[ʷj tɕɑ[ʉj fиǂtsᵩ≠ ɑj tɕ⊕ɑzts≠ fиɑ[fиjsj ɑʒ5s≠.

.I ʧtɑj нɑ[fиɑzts⊕ɑ[ɑ[ɑʒʳ ɠ⁓ts⊕tstɕɑ[ɑz[, υ[stsʏtslsǂtɕʳ lsɑ[j ɑ[fиǂlzffиjs⊕j ɑz&ɑzts ⊕ʳ lɑ⊕ɑzɑzsɠ⁓ts fиjsɑʒɑzƟɑzʙlzɑz[LɑʒƟð fиjsʙʳ lsɑ[j ɠ⁓tɕƟɑzƒɑ[tsLɑzsj , tɕ⊕ɑzts⊕j ⊕j ɑz[υ[ɑ[Pʰ ɑ[ɑʒtslsǂtɕʳ lsɑ[ʷɑʒɑzƟɑzʉtɑj Ɵstsə ʅ tsʙj ɑzᵩ⊕fиǂ≠ ʧtɑj ɑʒsɑ[.

.I tsLɑʒsʏj ɑzts, ǂtsɑʒz-lsts ʧtsǂƟLƟɑzsfиɲ, υ[stsɠ⁓ts⊕tɕɑ[ɑz[ɑzsfиɲ ʱ lsts fиɲɑ[Lɑzɑʰ -

∫ ⊐⊙∫⊐zչ ts⁇ʷ ʷ∫ls
tslsʕtsdzsʘslsʘfɲəd⨍ʰ dz∫⊐dʒ⊐dʒ∫tɑtsd⊐⊐∫j⊐tɑjʕdzˀ ɯ⊐lsᴵ dzʘətsfɲ∫tɑ⊐ʷlsc∫j⊐ fɲɯtsəj⊐fɲɯzˀ ⊐ fɲ∫ɠdzʘɯtsə, ⊐fɲ⊐tsʜʷʰ ⊐⊐
tslsɠ⊐∫⊐dzslsc∫ʟj⊐tɑʘ⁀ʕ lstsʜʘ⊐lsətsʟdʒtsɤ⊐dzsfɲjᴵ ∫⊐tsfɲtɑjʜfɲjətsd⊐tsʜdz∫⊐ lstsdzˀʕts fɲɯtsə ətsʟhj⊐⁇fɲjətsəʘlsᴵ dzʘ
ʙtsdzˀʰ lzᵍ ɯʘfɲjsᴵ ⨍∫ʘɑʘdʒ⊐lstɑtsə j⊐ɠts tstɑɠʘdz∫ʟdʒʘ⁀ʟ fɲᵂʟc∫ fɲᵘlsc∫d⊐dzʘ∫tɑʘəd⊐dz∫j⊐ʜʘdzˀd⊐⁇ʰ c∫⊐
ᵘʕfɲ∫j⊐tɑc∫dʒ⊐dzstsə ⨍tsdzdzsfɲjsᴵ ᵍ c∫ʟdʒ⊐dz∫dzsfɲ⁀: d⊐sʜj⊐dzˀ d⊐j⊐fɲd⊐j⊐tɑtsəfɲʕtsɠtsʕtɑc∫ʟʘʙʳ dzʘʟʘdʒ⊐d⨍⊐dzʘ
ʜj⊐⁇fɲjsəc∫j⊐d⊐ tsfɲdzsəʘdzdzˀ d⊐⨍ts⨍tɑj⊐c∫d⊐zʰ j⊐fɲjəlz dzʘfɲdzsəj⊐fɲdzˀ ⊐ ʕtsd⊐ʘdzʜ⊐⊐.
∫ lsʕtɑʳ lsc∫j⊐ ɠ⊐c∫⨍dzsfɲjsd⊐dzʘdʒʙlzdz∫ʟdʒʘ⨍tsd⊐sɠ⊐dzs lzfɲjsʘdzsəc∫lsᴵ ⁀ ɯlsts⨍tsd⊐dʒs d⨍⁇tɑədzs⁇ ʟ dzʙtsʕtɑc∫dzdzs⁇ c∫
c∫d⊐d⊐dzdzdzs⁇ tɑj⊐ɠlzdzʷɯc∫c∫⨍tɑtsɯj⊐fɲjtsə ə tstɑ⊐ʘdzʕ∫ʟdʒj⊐ ɯj⊐dzsəj⊐ʕʘfɲdzʰ j⊐fɲjəlzj⊐ls c∫⨍∫fɲ⊐⊐tsdzsɠ⊐∫ɯj⊐fɲ∫ʘᵛ. ʊʘʕ⁀, ʕ
ʜəlzdʒfɲ⊐⊐fɲjsj⊐dʒʘdʒtɑj⊐ɠlzdzʷɯc∫c∫ ð d⨍j⊐tɑədzs⁇ c∫ ɠlzd⊐stɑʘdzˀ dzs⁇ (⊐⊐c∫d⊐d⊐∫ɯj⊐fɲ∫ʘts⁇) ð ʜtsʙʘəc∫dzɠ⊐fɲ lstɑj⊐lsᴵ ʷ. ʅ ʘ
tsfɲdzsəj⊐ ⨍∫tsfɲdzj⊐ʜd⨍⁇ ətsʟdzʕ∫ʕdʘtɑj⊐ʘdzˀ dzʘᵛ ətsʟd⊐sɤ⊐dzsfɲjsᴵ lzt∫tɑəd⨍j⊐dzʕ∫ʷ ⨍∫tɑtsɯj⊐fɲfɲ⁀d⊐sc∫
ɤ⊐c∫ʟd⨍j⊐ʜj⊐ʷlsj⊐dzˀ dzs⁇fɲjsc∫ c∫ᵘʷʷj⊐ʕlsc∫ədzsɠtsd⨍j⊐ɯj⊐dzʕ∫ʷ d⊐sdzsɠ⊐∫⁀ʟʘʙtsd⨍j⊐əʘdzʕ∫⁇. ʅ tɑj⊐ʟlzdzˀlsʘlsj⊐ ⨍∫tsʷəc∫dzsfɲ
dzsətsj⊐ dzʘ⨍∫tɑəd⨍j⊐dzʕ∫j⊐ ə d⊐j⊐ʜc∫ɯc∫d⨍j⊐ ð ɠ⊐c∫⨍dzslsj⊐tɑʘ⨍∫c∫ʷ ð d⨍j⊐ɯj⊐dzʕ∫j⊐ fɲɯtsətsd⊐ʉlstɑtsɠtsɠtsətstɑʷ, fɲɯtsətsəʘdzʕ∫ʷj⊐lsd⨍j⊐ dzʘ⨍∫tɑəʷd⊐⊐zᵍ ,ʘɯj⊐tɑj⊐ʟ d⨍j⊐tɑədzzᵍ ,ᵘdzʙtsʕtɑc∫dzdzzᵍ c∫c∫d⊐d⊐zd⊐dzzᵍ fɲ∫fɲjsj⊐d⊐ˀ .ʅ ʘ⨍∫ʙtsd⨍j⊐
ᵘʷʷj⊐ʕlsc∫ədzs ᵘlsts ədzʕ∫ʷdzʕ∫j⊐ (ədzzʰ j⊐dzʕ∫j⊐) ⨍∫tɑtsc∫fɲ⁀tsʜc∫lsə ɠ⊐c∫⨍dzsfɲjsd⊐⁀dzʘ⨍∫ʙtsd⊐ʘdzʕ∫j⊐.
ʅ j⊐fɲjsd⊐d⨍j⊐dzdzs, tslsʕtɑʳ əʘᵛ ʰ c∫j⊐fɲᵂ ətsʟd⊐sɤ⊐dzsfɲjsc∫ ⨍∫tstɑʘɤʘᵛ lsfɲ⁇tsc∫d⊐d⊐⁀fɲj lsʘʙtsd⊐ fɲɯtsəʘdʒ⊐[dzsɤ⊐dzs
ʜtsʙc∫lsᴵ fɲᵂ c∫ʟd⊐j⊐d⨍j⊐dzʕ∫⁇ ə ⨍∫fɲ⊐⊐c∫ɯj⊐fɲʕtsˀ fɲᵂʷj⊐tɑj⊐, d⨍j⊐tɑədzs⁇, ᵘdzʙtsʕtɑc∫dzdzs⁇ c∫ c∫d⊐d⊐zd⊐dzzdzs⁇ fɲ∫fɲjsj⊐dʒʘ⁀. ʅ fɲɯzc∫
fɲʘdʒʳ j⊐ tɑʘʟdzc∫ɯc∫dzˀ j⊐ ⨍∫tfɲ⊐⊐tsᵂʷc∫ʟc∫tsdzsɠ⊐c∫ɯj⊐fɲʕtsc∫j⊐ ʷʷj⊐dzsd⊐j⊐dzˀ d⊐sɠ⊐zlsʜtsfɲjsc∫ɠ⊐lsᴵ fɲᵂ ⨍∫tɑtsfɲjstsəd⊐ʘfɲjsᴵ ᵍ fɲɯtsəʘ⁀
lstsᵘlstsʙj⊐ʟ ⨍∫tɑj⊐lzəj⊐dzc∫ɯj⊐dzʕ∫ʷ tsʟdzʘɯʘ⁀lsˀ ɯlsts d⨍j⊐əj⊐tɑtsʷlsdzsj⊐ fɲjsʘdzsəc∫lsfɲᵂ tɑj⊐ʘdzˀ dzˀ d⊐ʅ ts ətslsɯlsts
ʟʘətstɑʘɤc∫əʘ⁀lsˀ ʰ d⨍⁇ts c∫dzsj⊐dzfɲɠ⊐d⊐sfɲjsc∫ fɲjsc∫d⊐zdzðd⊐sɤ⊐j⊐lsəʳ ʟəʘlsᴵ
ʕtɑzd⨍⁇dzsd⊐ʘfɲʰ lsʘʙdzzᵍ tɑj⊐ʘʕɯc∫ᵍ .ʕlstslsd⊐j⊐⊐dzʕ∫ʟdʒ⊐d⨍⁇ts fɲ⨍tsj⊐d⊐zˀ ʜj⊐⁇fɲjsc∫ᵏ dzʘ⨍∫tsd⊐ʘ⁀dzʘ⁀j⊐lsfɲjstsd⨍-ʕtɑʘdzəʘ
d⨍⁇tsj⊐ʟʜj⊐: fɲjstsc∫lsdzc∫ʰ ˩ d⨍⁇tslsʷdzzlsᴵ ʟʘd⊐ʘdzˀ dzˀʕc∫⁇ tɑʳ ɯʘʕtsʕ⁀, ʕʘʕ tsɠtɑtsd⊐ʘdzˀ ⁇ d⊐⁇dzsɠ⁀tslstsdzdzˀ ⁇ fɲ⨍fɲjsʘ⁀
tsfɲjsʘdzʘ⁀dzc∫əʘ⁀j⊐lsfɲᵂ. ∫ tsʰ dzˀ ⁇ tslsəj⊐lsdzʘç⨍j⊐ɠʕtsj⊐ fɲɯzj⊐ʰ j⊐dzʕ∫j⊐ tɑʳ ɯʘʕtsʕʘè ð ˩ lstsc∫j⊐fɲjsᴵ ʟʘɠʘʜtsɯdzʘᵛ
ɠ⊐c∫⨍dzsfɲzlsɠ⊐fɲjsc∫ʷ.
ʀ ʟlzɯj⊐dzʕ∫j⊐ ɠ⊐c∫⨍dzsfɲjsd⊐⁀dzʘ⁀dʒʙlzdz∫ʟdʒʘ⨍tsʕʘʟʘdzs, ɯlsts ədzzʰ j⊐dzʕ∫j⊐dʒ⊐dzsɤ⊐dzs ədzʕ∫ʷlsᴵ, dzʘ⨍∫tɑc∫dzj⊐tɑ, dzʘ
lsjɯj⊐dzʕ∫j⊐ əj⊐ɠj⊐lsʘlsc∫ədzˀ ⊐ ⨍∫tɑtsɯj⊐fɲjɲtsə: əʳ ʟəʘlsᴵ lzfɲ⊐c∫⨍d⨍j⊐dzʕ∫dzsj⊐ ⨍∫tslstsdslsɤ⊐j⊐d⨍j⊐dzʕ∫j⊐, lzfɲʕtsɑc∫lsᴵ c∫dzc∫ ʟʘd⊐j⊐ʜdzc∫lsᴵ
tsʙdzj⊐dzzˀ j⊐ ⨍∫tɑtsɯj⊐fɲjɲ⁀, ʘʕlsc∫əc∫ʟc∫tɑtsəʘʘlsᴵ dʒʰ j⊐ɯdzzᵍ ʜj⊐ʷlsj⊐dzˀ dzsfɲjsᴵ, lzfɲʕtsɑc∫lsᴵ c∫dzc∫ ʟʘd⊐j⊐ʜdzc∫lsᴵ
tɑʘʙtslslz fɲjtɑʜɯʘ⁀c∫ʟd⊐j⊐-

[illegible]

[illegible] (1905, [illegible] 15).

[illegible] (1863–1930) [illegible] (1903, [illegible] 179–281).

[illegible] Revue de 1'hypnotisme [illegible] Zeitschrift Psychotherapie [illegible] 1920 [illegible] 17 [illegible] 1930 [illegible] 30 [illegible] (1915).

[illegible]

∫ ɑ[⊐Oɑ[ɑzz¸ ts≠ʷ ʷj ls

ʰ ɑ[j tɑj ʟlzɑz lsOɑsʳ , ʋ[stss ɘ ˩ lsts tslsǂOʟʳ ɘOɑzɑ[fʰ ɘj tɑɑ[lsᵘ . ɹ ʳ ɑzs ʃ tɑɑ[ɑzʷlsts tɑj ʰ j ɑzɑ[j ʃ tsɘlststɑɑ[lsᵘ tsʃʳ ls ɘ ʃ tɑɑ[fʰlzlsfʰjsɘɑ[ʃ tɑtsʷ j fʰfʰtstɑOɸ . ɹ tsɑzɑ[.

12 ɑʒOʷ 1885 ɢtsʜOɘ 11 ʋ[Ofʰtsɘ lzlstɑOʌ tsǂOᵘ tsɑzʟOɑʒOɢɑj lsɑ[ʟɑ[tɑts-ɘOɑzʕ ɑzɑ[ʟlz ɘ ʃ tɑɑ[fʰlzlsfʰjsɘɑ[∫ ˩ j ʙts, ɹ j tɑɑzɑj ǂ ɑʒO) ∫ ˩ j ɤ lzO) ɹ tsɑzɑ[ɑ[t j ɑz . ʂ ɑj ɘtsɑʒz ʃ ɑj ʋlz ʜj ɘlzʰ ʕɑ[ʃ tɑɑ[ɑzsɤ ɑ[ɑzɑ[ɘtsfʰj ɑʒʳ ʃ tsʋ[stsɘʳ ⊐ ɑʒOɑtsʕ, ʃ tsʕtɑʳ lsʳ ⊐ ʕɑj j ɑʒ ɘɑzzʰ ɑ[ɘ, ʋ[stss ʃ tɑɑ[ʕɑzOʜʳ ɘOᵘ ls ɑzOɑɑʳ ɘɑzsǂ ʃ ɑzOfʰjsʳ tɑᵘ . ʜ ʃ lzfʰjsʷ ɑj ǂtslststɑtsj ɘtɑj ɑʒʷ ɘtsʟɑzɑ[ʕ tsɤ tsɢ. ɪ tɑtslstsʕtsɑztʃ tsʜʃ ɑ[fʰjOɑz[: ɹ tsɑzɑ[, ɹ j tɑɑzɑj ǂ ɑʒ ∫ ˩ j ʙts, ∫ ˩ j ɤ lzO) ʜ ɑ[ɑʒtsɑz*, ∫ tstɑOɑzɑ[ʜtɑzɢɑ[j . ʜ tstsʙʰ j ɑzɑ[j tsʙ ˩ lstsɑʒ ˩ ʕfʰjʃ j tɑɑ[ɑj ɑzsj ʙʳ ɑzs tstʃ lzʙ ɑz[ʕtsɘOɑzs ɘ ɤ lzɑtɑzɑOɑj çLes Debatsè. ɪ tɑɑ[fʰlzlsfʰjsɘlzᵝ ʰ ɑ[j ɑzOᵘ lstsɑʒ tsʃʳ lsj ɘtɑOʋ[ɑ[ʃ tsɘlststɑɑ[ɑzɑ[j ɢts fʰjs fʰjtsɑ[ɑʒ[ʙtsɑz ɑzʒ ɑʒ[. ɾ j ǂfʰjsɘɑ[lsj ɑz ɑzɑs, ʕtsɤ Oʕtɑɑ[fʰjɑj ɑzO) ʃ lzLʳ tɑɑ[ɑzfʰ , LOsj ɑʒ ʃ tsʕtɑʳ ɘOɑzɑfʰ ʕtstɑtsʋ[ʕtsǂ , ʕOʕ ʃ tɑɑ[ʷ ɑ[Lɑʃʋjfʰʕɑ[⊐ tsɤ tsɢOʕ. 29 ɑ[ᵝ ɑz 1885 ɢtsʜOʃ tɑtsʷ j fʰfʰtstɑ ɹ tsɑzɑ[ʃ tɑj ʜʲ ʷɘɑ[ɑzᵘ lsɑ[ʷ Oʕlsʳ LOfʰjʜOɑzɑ[ᵝ ∫ ʙʰ j fʰjsɘOʷ ɑ[Lɑʃtsɑzsɢɑʃʋjfʰʕǂ ʃ fʰɑ[⊐tsɑzsɢɑ[ɑ[. ɾ ʃ tsfʰɑj ʜfʰjsɘtsʒɘɑzzʰ j ɑzɑ[ʷ,ð ɢtsɘtstɑɑ[ɑzɹ tsɑzɑ[,ð ɑʒsɤ j ls ʙʳ lsᵘ ɘʳ LɘOɑzs tslsʜj ɑj ɑzɑ[j ɑʒsʋ[ɑ[, ʃ tslsO) fʰɑjɸL, ɑʒsɑzsʕO) ʃ tɑɑ[ɑʒj ɑzfʰjstɑzOʋ[ɑ[ɑʒsɤ j ls tɑj ɢzɑzɑ[tɑtsɘOsᵘ fʰɤ ʃ tɑɑ[lstsʕ ʕtɑtsɘɑ[(ʙtsɑzʰ j ð ɑʒj ɑzʰ j); ɑʒsɤ ɑzs ʜOɤ j ɘʳ LɘOsᵘ fʰɑjɸLz ɑ[L tsʜɑzsɢts ɢɑzOLO ɔts j fʰjsᵘ ɑj ls ʷ ɑ[Lɑʃtsɑzsɢɑʃʋjfʰʕǂ ʷ lzɑzʕʋ[ɑ[, ʕtslststɑOʷ ɑj ʃ tsʜʋ[ɑ[ɑzʷɑzOfʰj ʙʳ ɢɑ[ʃɑzslsɑʃʋjfʰʕtsɑzɤ ɘɑzzʰ j ɑzɑ[ᵝ è (ɹ tsɑzɑ[, 1888, fʰ 40).

∫ ᵝ ʙtsʃʳ lsɑzsɢts Oʃlsj ʕOɑᵂ ʌ tsǂOᵘ tsɑzOLOʙtslsɑ[ɑzɘtsʃ tɑtsfʰ ɑj ɑz Lʷ ɑzɑ[fʰʋj ɑzOlsᵘ tsʙtɑOlsɑz ǂ tsʃʳ ls, lsts j fʰjsᵘ ɘtsfʰʃ tɑj ʃʷ lsfʰjsɘtsɘOsᵘ ʜj ǂ fʰjsɘɑ[ᵝ ɑzOɑɑʳ ɘɑzsɢts ɘj ʰ j fʰjsɘO, ɾ ɑzʷ fʰjstɑtsɢtsfʰjsɑ[tsʃʳ lsO)ʕlzfʰjsʕ ɑzOɑɑʳ ɘɑzsɢts ʃ ɑzOfʰjsʳ tɑʷ ʙʳ ɑzɑtɑOLʜj ɑj ɑzɑzOlsɑ[ʋ[Ofʰjsɑ[. ɪ j tɑɘOʷ ʋ[Ofʰjsᵘ ʙʳ ɑzOʃ tɑɑ[ɑzsɤ j ɑzOɑzOɑj ɘtsj ʃ tɑj ʜʃ ɑj ʋ[j ʕ ɑz[Lʳ , ɘlststɑOʷ ð ɑzOʃ tɑOɘtsj , lstɑj lsᵘ ʷ ð ɑzOɢtɑzʜᵘ tsʜɑzsɢts ɑʒsɑzsʜtsɢts ʋj ɑzsɘj ʕO) ʕtslststɑtsɑzʒ ʃ ts ʃ tɑj ʜʃ ɑ[fʰjɑzɑ[ᵝ ɑj ʋ[Oʰ j ɢts ɘtɑOʋ[Oɑj tsʙ⊐tsʜɑ[ɑʒs ʙʳ ɑzs ʃ tɑɑ[ɑzsɤ ɑ[lsᵘ ɑzOɑɑʳ ɘɑzsǂ ʃ ɑzOfʰjsʳ tɑᵘ . ɪ OɑʒOɢɑj lsɑ[ʟɑ[tɑtsɘO ʕ ɑzɑ[ʟlz ɑ[ʃ tɑɑ[ɑzsɤ ɑ[ɘ ʃ ɑzOfʰjsʳ tɑ[, ʌ tsǂOʰ tsɑzɘɑzzʰ ɑ[ɑzj ǂ , ʋ[stss ɑzOɑj ɘtsɑʒ ʃ tɑj ʜʃ ɑj ʋ[j ʕ ʃ ɑzOfʰjsʳ tɑᵘ , ɑj ʃ tɑtsɑ[ʟɘj ʜj ls ɑzɑ[ʕOʕtsɢts ʜj ǂ fʰjsɘɑ[ʷ. ʕ lsts fʰʋjzʋ[ɑ[ɑzsfʰ ɘ 10 ʋ[Ofʰjsɘ 25 ɑʒɑ[ɑzzls lzlstɑO ʏ lstsʙʳ fʰjsʙɑz fʰjsɑ[ʕtstɑtɑj ʕlsɑzsfʰjsᵘ ˩ ʕfʰʋj j tɑɑ[ɑʒj ɑzsO) ʕ ɑzɑ[ʟlz ʜts ɘtsfʰ ɑʒɑ[ʋ[Ofʰjsɘ ɘj ʋ[j tɑOɑzɑ[ɑzO ɑʒɑ[ɑzzlsz ɑj tsfʰjsɘɑzʷɑzɑ[tsʜɑzz. ɹ ɑzOʟɑzOʋj ɑzɑzʰ ǂ ʋ[OfʰjʃtsɘʷʟʕOʙʳ ɑzOfʰjsʷlsOʃtsfʰjʋj

* ʜ ɑ[ɑʒtsɑzɔj tsʜtstɕ (1873ð 1961) ð ʷ tɑOɑzʋ[lzʟfʰʕɑ[ǂ ʃ tɑfʰʋ[⊐tsɑzsɢ, ʃ tɑtsʷ j fʰfʰtstɕ ʕtsɑzʋj ʜɤ Oʟzʋ[ɑ[lsj ɑʋj ǂ ɘ ʜ ɑ[j ɑʋj , tɑzʕtsɘtsʜɑ[lsj ɑz ɹ j ʜOɢtsɢɑ[ʋj fʰʕtsǂ ɑzOɘtstɑOststɑɑ[ɑ[ɘ ɹ Oɑɑ[ɤ j . ʜ tsɘɑʒj fʰjsɑzs fʰʋɸ . ɹ ɑ[ɑʋj tɑOʟtɑOʙtslsOɑzʃ j tɑɘʳ ǂ lsj fʰjs ɑ[fʰfʰʋjʋj ʜtsɘOɑzɑ[ʷ ɑ[ɑzsj ɑzɑzj ʕlsO(1905).

ʧtɕj ʜɘƟteɕʃlsj dž dʒsʔ ʧtetsɘjteʕɕʃ j j ɥj dʒsfŋsdʒsfŋsɕʃ. ʕ lsƟʧtɕj ʜtsfŋststetsɣdʒsfŋsˡ ʙʳ dƆdʑ dɕʃʰ dʑʔ. ȿ Ɵʕ
ʧtsʕƟʟƟdƟʧteƟʕlsɕʃʕƟ, ɕʃdʒsɢʜƟɕʃfŋʃʳ lsʒjdʒ j ç ʰ dɕʃ dƆɘfŋsteɕj ɥʒè ˡ ʕfŋʃj teɕʃdʒj dʒsƟlststedʒ, teƟfŋɥj fŋ ɘƟʷ
fnʂteˀ lstsj ʧdƆfŋsˀ teɕj dʒdʒj fŋsts, ɥj dʒdƆdʒʰ Ɵdɕʃ ɥɕʃfŋstslsʒ tsʧʳ lsƟ.
l Ɵdʑ ɘtsdʒʧtɕj ʜʧdʑɥ j ʕtsɣdž ʔ ʧtsʕtetsɘ tsʕƟʟƟdfŋʷ dʑɕʃʟdʒj dʑdʒž dʒ dƆʧteƟɘtsdʒð ʙʳ dʒʕteƟfŋdž ʔ.
l Ɵteˀ ɘ ʙʳ dʒdʑɕʃʟʙj ɣ j dʒ ʏ lstsʙʳ ɘ ˡ lstsdʒʒʙj ʜɕʃlsˡ fŋʷ, tsʙƟʧdƆfŋsˀ teʷ ɘdʒsɘˡ ɘj tedʒdɕʃ dƆdʒj fŋsts.
ʉ ʧʒfŋsʷ 45 dʒɕʃdʒls dƆʧteƟɘtsdʒʧtɕj ʜʧdʑɥ j ʟƟʷ ɕʃʕfŋʃtetsɘƟdɕʃ ʜɘƟʧʒʟʳ teʷ, dƆdʑɘtsdʒð ʕtsɣƟʧts-
ʧtɕj ɣ dʑdʒ tsfŋsƟɘƟdƆfŋ ɥɕʃfŋstsʔ. ʏ lsts ʕƟfŋʃj lsfŋʷ lstsʔ ɥƟfŋsɕʃ ʧdƆfŋsˀ teʷ, ʕtslststeƟʷ ʜdʷ ʕtsdʒstetsdʷ j ɢts
ʕƟɥj fŋsɘƟʙʳ dƆʧteɕʃdʒsɣ j dƆʕ ʙtsdʒ dʒsdʒ, lsts tsdƆɥj teɕj ʟ 8 ɥƟfŋsɘ ɘʳ ʟɘƟdƆʕdƆfŋfŋʃɥj fnʂɕʃʔ dƆteˀ ɘ.
ɫ tetsɘtsɥɕʃtetsɘƟdʑ j tsɣtsɢtsɘ ð ˡ lsts fŋdɕʃʰ ʕtsdʒɘƟɣdž ʔ ɘtsʧtetsfŋ ɥlststsʙʳ ɢtsɘtsteɕʃlsˡ ts dʑdʒdʒɕʃdʒs⁼tsʜtsdʒ
ɼ dʷ ʙtsdʒ ʰ j ʔ ʒʙj ʜɕʃlsj dʒ dʒsfŋsɕʃ ʧteɕʃɘj ʜj dʒʜtsʧtsdʒdʑɕʃlsj dʒ dʒs j ʰ j dʑ fnʂtsdʒ ʕts ʧteɕʃdʒj tetsɘ. 5 dʒƟdsƟ
1887 ɢtsʜƟɘj dʑj tefnʂɕʃʔ dʑɘtetsdʒsɢ ʕ tedʒs ʃ . ɼ dʜteƟ ɕʃʕ (Jendrassik, 1858ð 1921) ʧtsʕƟʟƟdʒɘ
ɪ ʒʜƟʃj ʰ lsfnʂtsdʒdʒj ʜɕʃɥɕʃdʑfnʂtsdʒtsʙʰ j fŋsɘj fŋtsʶ ʙtsdʒ dʒʶ . ɫ tsɢtedʒʟɕʃɘ j j ɘ ɢɕʃʧdʒsfŋsdʒ-dƆdʒʙʒdɕʃʟdʒ
tsdʒʧtsdʒsɣ ɕʃdʒj ʔ dƆʕtsɣ ʒ ʕʒfŋsʕ tsʙʳ ʕdʒsɘj dʑdʒsʔ ʙʒdʒƟɢɕʃ, ɢtsɘtsteʷ, ɥlsts ˡ lsts ɢtsteɥɕʃɥdʑʕ; ɘfnʂtsteɕj dƆ
ˡ lstsdʒdʒj fŋsj ʧtsʷɘɕʃdƆfŋ ʕteƟfŋdʒslsƟ ȿ tsɢʜƟɣ j tsdʒɘdʒʰ ɕʃdʒ, ɥlsts ˡ lsts teƟfnʂƟdʑdʑdʒsj ɣ j dʑʟts, lsts ɥj teɕj ʟ
ʧƟdʒ ɥƟfŋsɘ dƆƟˡ lstsdʒdʒj fŋsj ʧtsʷɘɕʃdɕʃfŋ ʧʒʟʳ teɕʃ, ʕƟʕ tsls tsɣ tsɢƟ.
ɺ ʳ ʜƟʳ ʰ ɕʃʔfŋʷ Ɵɘfŋsteɕʃʔfnʂɕʃʔ ʧfŋʃ⁼ɕʃƟlsteƭ ɕʃ⁼Ɵteʜʷtsdʒȿ teƟʷls-ʕ ʙɕʃdʒɢ (1840ð 1902) ʧteɕʃɘʷʟʳ ɘƟdʒdɕʃfŋs
ʧɕʃfŋɥj ʔ ʙʒdʒƟɢɕʃ ʕ ɢtsdʑdɕʃ 29-dʑlsdʑʔ ɘj dʑj tefnʂtsʔ ʜj ɘʒʰ ʕɕʃ ʀ tedʒ ʎ Ɵdʜj teɕʃ ɘdʒʰ Ɵdʒ, ɥlsts ˡ lsts
ɢtsteɥɕʃɥdʑʕ. ʋ lstetsdʒdƆˡ lstsdʒdʒj fŋsj ʧtsʷɘdʷdɕʃfŋ ʕteƟfŋdʒslsƟɕʃ dʑʙtsdʒ ʰ ɕʃj ʧʒʟʳ teɕʃ. ɫ teɕʃʕdƆʜʳ ɘƟʷ ʕ
lsj dʒ ʀ tedʒ teƟʟdɕʃɥdž j ʧtɕj ʜdʒj lsˀ ɕʃ ɘdʒʰ Ɵʷ, ɥlsts tsdɕʃ teƟfnʂƟdʑdž , tsdʒʕƟɣ ʜʳ ʔ teƟʟ tsʙdƆtedʒɣɕʃɘƟdʒ
tsɣ tsɢtsɘʳ ʔ ʧʒʟʳ teˀ ɘ ʷtstedʒj ʧteɕʃʕdƆʜʳ ɘƟj dʒ ⁼ ʧtɕj ʜdʒj lstsɘ. ɫ teɕʃdʒj ɥƟlsj dʒ dʒs, ɥlsts tedʒʙɥʳ fŋs
ɘtɕj dʒj dʑdʒdʑ ʧtets⁼tsʜɕʃdɕʃ. ɫ tsʜʕdʒ ɥɕʃɘʰ ɕʃʔfŋʷ ʕ ˡ ʕfŋʃj teɕʃdʒj dʒsƟdʒʕ tedʒs ɼ dʜteƟ ɕʃʕ dƆteɕʃfŋsɘƟdʒdƆ
ʙʒdʒƟɢj ʙʒʕɘʒ J ɕʃ ʧteɕʃdʒsɣ ɕʃdʒʕ ʧtɕj ʜʧdʑɥʶ ʀ tedʒ , ɘdʒʰ Ɵʷ: ç teʷɥtsè. ʏ j teɕj ʟ fŋlsʕɕʃ dƆˡ lstsdʒ
dʒj fŋsj ʙʒʕɘƟtsʕƟʟƟdƆfŋ ɘʳ ɣ ɣ j dʑdʒsʔ.

ƭ . ʷ tsdʒȿ teƟʷ ls -ʕ ʙɕʃdʒɢ

ɹI ⊐Oɑᶜ ʕtsɔfŋʕtsʔ ʙtsdzˌdzɑʃuˌj ʃ ˌjˌʜqʃuqʃdɑʃŋʕtsɑʃtsʃtsʙʰ jˌfɳsɔOdzɑ⊐tsʜqʃdɑ:fŋ dzɑ:OqʃLdzˌuˌjˌdzɑʃqʃ ʃ Oɑdsɑ:Oʕ.ɭ Θ dzˌɔtsʔ tɑdzʕjˌ ʙtsdzˌdzɑsʔ tʃtɑtsʷjˌfɳɳstɑɾʕ.ʌ.ɹjˌdɑdzɑʃdzɑdzɑ:ʃqʃfŋɑ:dzʃjˌtɑtsdʒ fɳʃtsuˌjˌdzɑdzˌ dʒɔtsʜtsʔ,ˌjˌjˌqʃdʒʷ, ɔdɑdzʰ qʃɔ,ˌuʃstsˌtʃqʰ jˌlsdzɑ:Oɑᶜ ɔdzˌ dʒʕtsdzɑdzɑʜqʃjˌdzɑtsdzɔʳ ɔjˌfɳʃsqˈtʃtsfɳʃjˌzʜdzˌ ᵡ ʙlzʕɔlzˌfɳʃɑtsɔO,ʕO⊐ tʃjˌtɑɔʳ jˌ ʙlzʕɔʳ dzɑ:OɑʃqˈtɑjˌLʕtsˌtʃtɑtsʷɔdzʷlsᵘ fŋʷ,qˈɔ fɳʃɑjˌʜlzᵡ ʰ qʔ dʒʃsdʒjˌdzɑsɔtʃtsdzɑʃjˌ ʷfɳʃɑtsˌtʃtɑtsfɳʃslzʃqˈdɑts fɳʃɑtsɔts çʃ Oɑdsɑ:Oè,ˌfɳʃsfɳʃstsʷɔʰ jˌjˌqˈLˌtʃlzLʳ tɑᵘʕtsɔ.çʏjˌtɑjˌLˌuɑ:fŋɔtsfɳʃOɑjˌdzɑʃjˌ fɳʃOɑdzɑs,qˈLˌtʃlzLʳ tɑᵘʕtsɔ lzʰ jˌdz ɔtsʟʜlzˉè,ðˌ fɳʃstsʙʰ Oˌjˌlsɹjˌdzɑdzɑʃdzˌ(ɹtɑtslstsʕtsdzˌ.ʜɹʙ., 1902).

ɹdzɑ:dʒjˌdzɑʃlsʳ jˌ Oɔfɳʃstɑɾʃʔfŋʕqʃjˌ ʜjˌtɑɾʒOlstsdzɑsɑ:ʃqˈʂ.ʂtɑjˌʔʙqˈ⊐qˈɾ.ɾts-fɳɔOdzʜtʃtɑtsɔjˌdzɑʃtstʃʳ lsdzɑ:Ofɳɔtsjˌdʒ ʕtsdzɑjˌɑ:ˌ.ɹOɑ:ʃqʃtʃdzɑslsʃqˈʟOɹqʃqʃtsdzˌfɳʃstsʙʰ qʃdz,ˌuʃstsˌtsʰ lzʰ Gˌjˌls,ʙlzʜlstsˌlzˌdzˌjˌɑ:ʃtsˌtsɣˌtsGˉ.ʏjˌtɑjˌLˌtʃtsdzɹuˉOɳʃOtʃtsfɳʃjˌ ʜjˌɑ:ʃqʃtʃdzɑslsʃqˈʟOɹqʃqʃ tʃtsʷɔʃqdzɑʃfŋ ɬtɑʃlsjˌdʒʳ ,Odzɑ:Ofɳʃjˌʜlzᵡ ʰ qʔ ʜjˌdzˌ ð ʜɔOtʃlzLʳ tɑᵂ (Kreibich, 1906, tɑˌ 508).ɹOɑ:ʃqʃtʃdzɑslsʃqˈʟɑʃtɑsɔOdzɑdzɑsdzɑzˌ ð tʃtɑʃɔtsʜqˈlstʃdʒjˌtɑˌɭ.ɾ.ɹɔjˌʜjˌdzɑ:fŋʃqʔ ð dzɑ:Odzɑ:jˌlstsdʒtɑʃfɳzᵡ lsdzɑ:O tɑdzʕjˌ ɔtsfŋdʒjˌtɑˉʕlz qˈfɳʃstsʙʰ Oʸ ls:ç.ɹOdʒtʃtɑʃɣɑdzɑʃ tɑdzʕlzè.ɹfŋʕtstɑjˌ dzɑ:Oᵘ lstsdʒdʒjˌfɳʃsjˌ tɑOɔɔʃɔOˌlsfŋʷ ɔtsfɳʃOdzɑʃlsjˌdzˌdzˌʔtʃtɑtsuˌjˌfɳɳʕOɑ tɑOɔtʃtsdzɑʃdzɑʃqʃtʃtɑʃʕtsfɳdzɑsɔjˌdzɑʃʷ⊐tsdzɑsʜdzɑsɑɾtsdzɑ:OdzɑuˌjˌlsO:ʕtsɣˌj (ɹɔjˌʜjˌdzɑŋʕqʔ, 1954).

ɭ jˌɔtɑtstʃOlstsdzɑsɑɾɹ.ɭ.ʌqˈdzɑdʒjˌtʃtɑtsɔjˌdzɔ ʃ jˌdzɑʃdzɑʃtɑOʜjˌ fɳjˌtɑʃᵡ tstʃʳ lstsɔ fŋ32-dʒjˌlsdʒjˌʔ ɣˌjˌdzʰ qˈdzɑsʔ, fɳʃstɑOʜOɔʰ jˌʔ qʃfɳʃjˌtɑʃuˌjˌfŋʕtsʔ dʒjˌdʒʃslstsʔ.ɭ Θfɳʃqˈdzɑzʙtsdzˌdzɑsʔʙʳ dzOtʃtsdzjˌʰ jˌdzOdʒʃsdʒjˌlsO çʕlsOdʒʃsdʒjˌlsO tɑOfŋʕOdʒjˌdzɑ:è,ðˌ ɔdzɑʰ qˈdzʜOdʒjˌ ʌqˈdzɑdʒjˌ qˈɔʳ lɔOdzɑtʃtsʷɔdʒjˌdzɑʃjˌ tʃlzLʳ tɑʷ.ʏjˌtɑjˌL 24 uˉOfŋOtsɣtsɑɾ ʜjˌʔfɳʃsɔqˈlsjˌdzˌdzɑs tʃtsʷɔʃqdzɳʸ.ɾɔlzdʒʷ ɑtsʜOdʒɑʃ tʃtsLʜdʒjˌjˌ ʜ-tɑɹɭ.ɭ.ʌqˈdzɑdʒjˌ tʃtsɔlststɑʃqˈdzᵘʕfɳʃjˌtɑʃqˈdʒjˌdzɑs. ʀfɳʃʳ lszjˌdʒOʷ ʃ Oɑɑ:OɑʃqˈlsO:ɹ Ɔɔdzɑsɔdzɑ:O,ɭ.,35 dʒjˌls,ʕOfɳʃjˌdzʷdzʰ OfɳOdzɑ:lststɑʃqˈʷ,ʙʳ dzOtʃtɑjˌʕtɑOfɳɳdzɑsʔ fɳʃsdʒdzɑ:Oʒʃlzdzɑsʔ.ɭ Oɑtɑ:Odzɑʃuˌjˌ LˌOʜdʒjˌʔ tʃtsɔjˌtɑ⊐dzɑsfɳʃsqˈʰ jˌqˈqˈfɳʃʃqˈdzˌ qˈfɳʃʳ lszjˌdʒʃsʔ tʃtsdʒjˌfɳʃsqˈdzɑ ʙtɑtsdzɑ:tsɔlzᵡ ʜɔlz⊐ʕtstʃjˌjˌuˉdzɑzᵡ dʒʃsdʒjˌlslzˌqˈɔdzɑʰ qˈdzɑˌtʃtsʷɔdʒjˌdzɑʃjˌ tsɣtsɑGˉO.ɹfŋʕtstɑjˌ dzɑ:Olzʕ.OLOdzɑzɑsdʒjˌdʒjˌfɳʃsjˌ tsʙtɑˉOLtsɔOdzɑfɳʷ tʃlzLʳ tɑᵘ.ʕlstsls ɬʕfɳʃjˌtɑʃqˈdʒjˌdzɑs ʙʳ dzɑtʃtsɔlststɑʃqˈdzɔ tʃtɑʃqˈfɳzlsfɳʃɔqˈqˈtʃtɑtsʷjˌfɳɳstɑtsɔ ʂ.ʀ. ɬ dzɑ:OlstsdzɑsɔˉO,tsʜdzɑsɑ:ʃqˈʟOɹqʃdzɑ:OʃsjˌdzˌjˌʔtʃfɳqˉtslsjˌtɑˉOʃqˈqˈɔ ʈtsfɳɳqʃqˈ,ʃ.ɹ.ʏjˌtɑdzɑs-tɑdzɹuʕtsɑ:ʃqˈts,ʂ.ʀ. ɬtsɔOɑdzɑʃdzɑ:OqˈtɑᵂʜOʜtɑdzɑ:Gqˉ⊐,tɑjˌLzdzˌlsO:lsʙʳ dzlstslsls

*ɹlzfŋʃstsʔ ʕdzˌjˌʔʕqˈʔ tɑˉOfŋʃɔtstɑ:dzɑ:Ofɳʃzjˌfɳɳʃ fɳʃqˈtɑlsOqˈɬᵂqˈtɑˉO,lzʃtslstɑjˌʙdzʷjˌlsfŋʷɔ dzjˌʜqˈuqˈdʒjˌ,ᵂtslstsɑ:tɑˉOᵂqˈqˈ.

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(1900–1962)

(1928, с. 150–157).

(1928, с. 332–342).

ʃ qʔ⊐Oɑʃdzzɻ tsʔʷ̫ʲ jɻls

ɑʃdʑsjɻteɻjfɳɑʃʐ dʒəOʑɑʃQʑdʑstsdʒ ʙʳ dʑtsədʑʑʰ jɻdʑtsʃtsʷədɻjɻdʑɑʃɻjɻ tsʏɻtsGOlsOʔʏɻjɻ qʃ dʑOʑOʑdɻjɻfɳsjɻLɑʃtɑtsəOʑɑʑʑtsʔ ʃtɑOətsʔ dʑtsGɻj;qʃfɳʃʳ lsʐjɻdʒʳ ʔ dɻjɻ ɹʊʐəfɳksətsəOʑdzə lzʔOLOʑɑʑtsdʒdɻjɻfɳsjɻ dɑɑʃʔOʔtsʔ ʙtsdɑʃ,qʃədʑʑʰ jɻdɑɑʃɻjɻ dɻjɻ ʃtɑɑʃdɻjɻfɳʊtsdɑɑʃʔʔtsGtstɑɻLzdʐlsOksO)əlststɑɻjɻdʒʷ ʔʔOʔ dʑOʑdɻjɻətsʔ dʑtsGɻj ʃtsʷəɑʃdʑGfɳɹtɑɑʃlsɻjɻdʒO(lsOʊʒʏɻjɻ).

1 dʒO·ʏ ʜtsʔʔlststɑɻʜlzdʒʙOɻjəʃtɑɻjʜʃtɑɑʃdʑʷdzdʑtsəlzᵏ ʃtstʃʳ lsʔlz,LOʔʔtsdɑɹɻɑʃəʰ lzᵏ fɳʸ tsʙtɑOʊtsəOʊɑɑʃɻjɻdʒətsdɑʜʳ tɑɻjʔ.

ɹtsLʜdɻjɻjɻtsdʐtsfɳlʐʰ jɻfɳksəɑʃdzəɻɑʃʙɑʃtɑɑʃəlststɑdzᵏ fɳɻjtɑɑʃᵏ tstʃʳ lststə,əʔ⊐tsʜjɻʔtslststɑɾʔ⊐jɻdʒlzdɻjɻfɳʔtsdzʔtstɑOʟ lzʜOəOʊtsfɳ əʳ LəOksᵘ ʃtstsʷədɻjɻdɑɑʃɻjɻtslsjɻʔO,ədʑʑʰ Oʸ ɑʃfɳʃʳ lsʐjɻdʒtsdʒlz,ɹʊlststlzdɻjɻɑʃtstsʙdʒstɑtsʏɻjɻdzᵢ lzʰ ɑʃ.

ɻlzdʒʙOɻjəəʳ LʳəOʊlzfɳOʊʒʐ jɻtɑOʊdɑststsʙtɑOʊdzᵢ jɻʔtsʏɻdzᵢ jɻlstɑtsʷʷɑʃɹʊɻjɻfɳʔɑʃjɻtɑOʃɳɳlstɑtsʔfɳksəO çtsʏɻtsGɑʃɑʃè, çtslsdʒstɑtsʏɻjɻdɑɑʃʷè çtsfɳksɑɾʔtslsjɻʔè,çəʳ fɳʸ ʃtOʊdɑɑʃʷè,OlsOʔʏɻjɻ çtʃɑʃɑGdʒjɻdʑsOʊɹɑʃɑʃè.

ɻOʊɑOlststəfɳʔɑʃʔ ətɑOʊɹ.ɹ ɸ.ɹ GTlsɑʃOʊtɑtsə tstʃɑʃfɳOʊlzfɳɑʊzʊɑʃʔ ədʑʑʰ jɻdɑɑʃʷ ə GɑʃtʃdʑtsLjɻ dʒdɑɑʃɑʃdʒtsGtslzʜOʊɑO dɑOʊdɻjɻfɳjɻdɑɑʑtsGtstʃtslsʳ dzɻdɑtsʔ ʃtstsəjɻtɑ⊐dɑtsfɳksɑʃtʃtɑOətsGtstʃtɑɻjɻʜʃdɻjɻʊɹʷ.ʏjɻtɑɻjLdɻjɻfɳʔtsdzʔtstʊɑfɳtsədɑOʊlstsdʒ dʒjɻfɳksjɻətsLdɑɑʃʔʔtɑtsətstʃtsʜlsjɻʔ.ɭ Oʙdzʸʜjɻdɑɑʃɻjɻtʃtɑtsətsʜɑʃdɑtsfɳəʔ⊐ɑʃtɑdzʊɑɑʃɑʃʔjɻʔtsʔʔɑdzɑʃɑʃʔjɻɻʊOʊɑOlststəfɳʔtsGtstsdʒjɻʜɑʃʊɑʃdɑfɳʔtsGtstsɑʃdɑfɳksɑʃlsdzlsOəʃtɑɑʃfɳjɻlsfɳksəɑʃɑʃtʃtɑɑtsʷʷjɻfɳɳtstɑOʂtɑOʊLjɻ(ɹGTlsɑʃOɑtsə,1928).

ʃtsʏɻdɑɑtsʃtɑɑʃəjɻfɳksɑʃdɻjɻdʒOʊdɑtsfɳTtsʜdzʔ⊐ʃtɑɑʃdʒjɻtɑtsə,dɑɑtsGtɑOʊdɑɑʃʊɑʃdʒfɳʸjɻʰjɻtsʜdɑɑʃdʒ⌈dɻjɻʃtɑɑtsʃjɻlstɑtsəfɳʔɑʃʔLʊzʙdɑɑtsʔətɑOʊɹ⌈.ɸ.ʊdʒʃtɑdɑɑtsə,ʃtɑɑʃdɑɑsʏɑʃədʒʊɑʃdʒtsGtɑOfɳʔOdɻjɻdɑʊdzᵏ ʃʃʊzGtsəɑʃʊlz,ədʑʑʰ ɑʃdzdɻjɻʊɑʃəʰ jɻʔfɳʸlzdɻjɻGtsʜjɻəʷlsdɑOʜʊOlsɑʃdɻjɻlsdɻjɻʔ ʔlzʔOɑʔjɻ,ɹʊlststəfɳʔtstɑjɻəəjɻtʔ⊐dɻjɻʔ ʊGfɳksɑʃtɑzʔɑʃʃtsʷəɑʃlsfɳʸtsʏɻtsG.ɭΘ fɳɳjɻʜlzᵏ ʰ ɑʃʔʜjɻdzᵢ lzdɻjɻʜjɻʔfɳksəɑʃlsjɻdzᵢdɑɑtsʃtsʷəɑʃdɑtsfɳʔtɑOfɳɳtslsfɳɳtsjɻdɑɑʃɻjɻdʒʊʃtɑʃɑjɻʃʷlsdɑtsfɳtslsfɳɳtsjɻdɑɑʃɻjɻdʒʊʃtɑʃɑjɻʃɳɳʔ ʔOʔəʳ wfɳɳɑʃdɑtsfɳ,tsdzəətsfɳfɳksOdɑtsəɑʃdzədɑʑʰ jɻdɑɑʃɻjɻdʒlstslstsʏɻtsG,ʔtslststɑɾʔ tsdɑOtɑOdɻjɻjɻʃjɻtɑɻjɻdɻjɻfɳɳOdɑOʊlstsdʒ dʒjɻfɳksjɻ(ʊdʒʃtɑdɑɑtsə,1917).

tɻjɻOʑdzdɑtsfɳksʰ ətsLdɑɑʃʔOʸ ʰ qʃ⊐ʃtsfɳɳdɻjɻ fɳɳtslsəjɻlsfɳksəlzᵏ ʰ qʃ⊐GɑʃtʃdɑtsfɳtsdʒdɑOʊdʒʙlzdɑɑʃɻjɻfɳʔɑʃ⊐ɑʃdzʰ jɻdɑɑʃʔ tsʏɻtsGɑtsə,ətsdɑɹʳ tɑɻjʔ,ʃtlzLʳ tɑɻjʔ LOfɳɳɑʃʜɻjɻlsjɻdzᵢfɳksətsəOʑdɑOʊdʒʊɑtsGɑʃdʒʃ qʃLəjɻfɳksdzᵢ dʒʃ lzɹɻjɻdzᵢ dʒʃ(tsʙLtstɑ dɑʃlsjɻtɑOʊlzʊtɑɾ,fɳʷLOʑdɑtsʔ fɳəʳ Lʳ əOʑdɑɑʃɻjɻdʒtsʏɻtsGɑtsə,ʃtɑɑʃəjɻʜjɻdzᵢX.⌈Oʑdɑɑjɻtɑɾ(Dunbar,1935),ɸ.ʃ. ɭjɻʔɹɻjɻdzᵢ⊐tsʷ̫ʲ jɻtɑɾ(Weitzenhoffer,1953),ʃtɑtsʜtsdɑɹʏOksᵘ dɻjɻʙlzʜjɻdʒ).ʀdʑsjɻteɻjfɳʊtsʜtɑzɑGtsjɻ.

ʔʔfɳʃjɻtɑɑʃdɻjɻdʑsʳ fɳədʑʑʰ jɻdɑɑʃɻjɻdʒtsʏɻtsGOʃtsʔOʟʳ əOʸ ls,ɹʊlststʜjɻʔfɳksəɑʃjɻədʑʑʰ jɻdɑɑʃʷ LOkstɑOʊɑʃəOʊjɻlsdɻjɻ lststdzʔtsdʒtslststɑdzᵢjɻɑʃfɳjɻdzᵢfɳtstɑdzᵢjɻʷ̫ʲlzdɑʔɹʊlɑʃɑ,dɑɑlsOʔʏɻjɻɑʃfɳtsdʒOksɑʃɹʊɻjɻfɳʔɑʃjɻ(dɻjɻʔtɑtsəjɻɠjɻlsOksɑʃədzᵢjɻ) ʃtɑtsɹʊɻjɻfɳɳ,dɑʔʔtslststɑɾjɻɹʊɻjɻdɑstɑOʊzdɑOʸ dɻjɻtɑədɑOʸ fɳɠfɳksjɻdʒOtsʙʳ ɹʊdɑɑtsʔʔOʟʳ əOʊjɻlstɑGtɑOʊdɑɑʃɹʊɻjɻdɑɑtsjɻ ədʑʑʷdɑɑʃjɻ.ʊOʔʔ,dɑʔOʃtɑɑʃdʒjɻtɑɾ,ədʑʑʰ jɻdɑɑʃɻjɻtsʏɻtsGOʃtɑtsətsɹʊɑʃtɑɑzjɻlslsʔOʊɻəʳ jɻɑʃLdʒjɻdɻjɻdɑɑʃʷ,ʔtslststɑɾjɻtsʙʳ ɹʊdɑɑtsətsLdɑɑʃʔOʸ lslstsdzʔtsətsls-

[illegible]

[illegible] 22- [illegible]

[illegible] (1862 – 1939), [illegible]

[illegible] 1909).

[illegible] 10 [illegible] 1887 [illegible] 1932).

[illegible]

ʟϴʜȷ džϴdžϴʙʳ ʄʝsʈeʈsȷ ɢdžslsϴlsȷ dž džsȷ ʜɘɕʞȷ džɕȷ. ɪ ȷ ʄʄʃʈsdžȷʟdžs ʄʄʃʈeϴ ɕɘϴlsɪ, ɥlsʈs ʜȷ džϴȷ ls ʈ ʈslʟϴ,ð ʈsdžϴ ʟϴɘdžȷls, ɥlsʈs džȷ ʜɘɕɢϴȷ lsʄʝ. ʃ ʙʈsʃ lsdžȷ ȷ ɘʄʝɢʈs ɘ lsʈsdʒ džϴʙdž ʜȷ džɕɕ, ɥlsʈs ʕʈeʈsɘʈslsȷ ɥȷ džɕȷ ʈʃʈeȷ ʕʈeϴlsɕdžsʄʝ (ɼ ϴdžȷ, 1913, ʄʝ 252).

Ɩ ȷ dʒȷ ɥʕɕʔ ʈʃʄʝʃ-ɕϴlsʈɕ ɼ ȷ džɕʃdžʄʝɘ ʞ džʈedžϴdžȷ çWie ʈʃȷ ɢ Klinische Kundschauè ¯ 13 ʟϴ1905 ɢʈsʜ ʈʃʈeɕɘʈsʜɕls 60 ʄʝdžɥϴȷ ɘ džϴdžʰ ȷ džɕʔ dʒȷ džʄʝʈedžϴɥɕʔ, ʈʃʈsɥlsɕ ɘʄʝȷ ɕʟdžȷ ɥȷ džʈdž ȷ ɘdžʰ ȷ džɕȷ dʒɘ ɢɕʃʄ-džsʄʝsdʒdžϴdʒʙdždžɕʟdʒȷ.

ɼ -ʈɕ ʃ ȷ ʙʈs ʈsʃʄʙdžɕʕʈsɘϴdžlsʈeɕ ʄʝdžɥϴ ϴdžȷ džʈeȷ ɕ*. ɪ ʈʃȷ ʈeɘʈsdʒ ʄʝdžɥϴȷ ʜȷ džʈs ɕʜȷ ls ʈs ʟʜʈsʈeʈsɘʈsʔ ʜɘϴʜɥϴlsɕʜɘdž-džȷ lsdžȷʔ ʜȷɘdžʰ ʕȷ, dž ʕʈslsʈsʈeʈsʔ ɘ lsȷ ɥȷ džɕȷ 6 dʒȷ ʄʝɥȷɘ džȷ ʙʳ džʈs dʒȷ džʄʝʈedžϴɥɕʔ. ʃ džϴʙʳ džϴ ʟϴɢɕʃdžslsɕʟɕʈeʈsɘϴdžϴ ɕ ɘʈsʟɘʈeϴ ȷ džɕȷ dʒȷ ʄʝɥdž ʙʳ džʈs džϴʟdžϴɥȷ džʈs ʃ ȷ ʙʈs džϴʈsʃʈeȷ ʜȷ džȷ džsȷ ɥɕʄʝdžs. ʃ džɕ ʈʃʈsɘɕdžɕʄʝ ʜȷ dž ɘ ʜȷ dž ɕ ʙʳ džɕ ʄʝlsȷ ʈʃʈsʈɕʈʃʈeϴɘɕdž dž dʒɕ. ɪ lsʈsʈeʈsʔ ʄʝdžɥϴʔ ʈslsdžsʄʝɕlsʄʝ ʕ 35-džȷlsdžȷʔ ʞ ȷ dž ɕdžȷ, dž ʕʈslsʈsʈeʈsʔ ɘdžȷʟϴʄdžs ʈʃʈeȷ ʕʈeϴlsɕdžɕʄʝ dʒȷ ʄʝɥdž ȷ. ʃ džϴʙʳ džϴʈʃʈeɕɘȷ ʜȷ džϴɘ ɢɕʃʄdžsʄʝsdʒdžϴdʒʙdždžɕɥȷ ʄʝʕʈsȷ ʄʝsʄʝʈs džɕȷ, ɕ ʃ ȷ ʙʈs ɘdžʰ ɕdžȷʔ ɘʈsʄʝʄʝϴdžsɘdžȷ džɕȷ džɕʕ ɥɕɕɘ ʈsʈʃʈeȷ ʜȷ džȷ džʈdž ʔ ʄʝʈeʈsʕ. ɪ džϴʟdžϴɥȷ džʈsȷ ɘʈeȷ dʒ ʙʈsdž džϴ, džȷ ʈʃʈsʜʈsʟʈeȷ ɘϴ ʈs ɘdžʰ ȷ džɕɕ, ɘɕdžϴʄʝ ʕ ʄʝʈsȷ dʒdž ɘʈeϴɥdž ʄʝʈsʈsʙ ɕls, ɥlsʈs dʒȷ ʄʝɥdž ȷ dž džȷ ȷ ɘʈsʟʈsʙdžsɘɕdžɕʄʝ. ɪ lsʈeȷ lsȷ dʒ ʄʝdžɥϴȷ dʒȷ ʄʝɥdž ȷ lsϴʕʞȷ ɘʈsʄʝʄʝϴdžsɘɕdžɕʄʝ, ʈsʈʃʈslʟʜϴ džϴʈsʜɕdžʜȷ dž ʈʃʈeʈslsɕɘ džϴʟdžϴɥȷ džždžsɢʈs ʄʝʈeʈsʕϴ(Liebeault, 1891).

Ɩ ȷ dž ʟ džȷ ʄʄϴʟϴlsɪ, ɥlsʈs ʜϴdždž ȷ ʕʄʝʃȷ ʈeɕdʒȷ džls ʈʃʈeɕdžϴʜdžȷ ʞ ϴls lsʈsdʒdž ʄʝϴdʒʈsdʒdž ʈeϴdžɥdžʟʄʝʈsdʒdž ʄʝȷ dž ʄʄʈsdʒdž ɘʈeϴɥdž ɸ dʒʈedžϴʟdž ʃ ʈʃʈsʄʝdž ʃ ȷ ʙʈs (Liebeault Ambroise-Auguste, 1823ð 1904), ʄʝsϴʰ ȷ dʒdž ɘʈʃʈsʄʝdžȷʜʄʝsɘɕȷ ʈeʈsʜʈsdžϴɥϴdž džɕʕʈsdʒ Ɩ ϴdžʄʝʔ ʄʄʈsʔ ɢɕʃʄdžslsɕɥȷ ʄʄʈsʔ ʰ ʕʈsdž . ʀ dʒȷ džždžs ʃ ȷ ʙʈs ɘʈʃȷ ʈeɘʳ ȷ, ɥlsʈs ɘϴɥ džʈs ʈʃʈsʜɥȷ ʈeʕdždžlsɪ, ʈʃʈeɕʰ džϴʈʃʈeʈsɢʈeȷ ʄʝʄʝɘdžϴ ɕʜȷ dʒϴʄʝʄʝɘdžsɢʈs ʈʃʈeɕdʒȷ džȷ džɕ ɘdžʰ ȷ džɕ ɘ lsȷ ʈeϴʈʃɕɕ.

ɪ ʞ džʈedžϴdžȷ çʃ ʙʈsʟʈeȷ džɕȷ ɢɕʃʄdžslsɕʟdʒϴè ʟϴ1866 ɢʈsʜ ʃ ȷ ʙʈs ɘ ʜɘdž džʈsdʒȷ ʈeϴ ʈʃʄʙdžɕʕdžȷ ls ʈʃʈeʈsʄʝsʈeϴdždž ʄʝsϴls çʀ ʄʝʈʃʈsɘȷ ʜ ɘʈeϴɥϴ-ɢɕʃʄdžslsɕʟȷ ʈeϴè, ɘ ʕʈslsʈsʈeʈsʔ ʈsʙʈsʙ ϴȷ ls ɕlsʈsɢɕ ʄʝʈsȷ ʔ 25-džȷlsdžȷʔ ʈʃʈeϴʕlsɕʕɕ ɘ ʈsʙdžϴʄʝsɕ ɢɕʃʄdžslsȷ ʈeϴʈʃɕɕ. ʃ ʈʃʳ ls ʈsɢʈeʈsdʒȷ dž,ð 7500 ʙʈsdž dž, ɕʟ ʕʈslsʈsʈɕ džȷ-

* ʃ lsʄʝdžlsʄʝsɘɕȷ dʒȷ džʄʝʈedžϴɥɕʔ ɘ lsȷ ɥȷ džɕȷ 6 dʒȷ ʄʝɥȷɘ ɕ ʙʈsdžȷ ȷ.

ʃ ɢ ʄʝs ʃ ȷ ʙʈs

[illegible] 19 [illegible]

[illegible] 82 [illegible]

[illegible] 17 [illegible] 1904 [illegible] 3 [illegible]

[illegible] (Auguste Felix Voisin, 1829– 1898) [illegible]

" [illegible], 2004, [illegible] 287.

ʃ ɕ⊐ʘɕɗzz˛ ʦʔʷʷɻls

fɲlsɻɗʒʞɻ taɻ lƶɗƶ lsʘlstsɗʒ ʀ ʕtɑtsəᴵ ɕʟ ɗɑsfɳʘɕɗ ɗʘtɑƶʕɻ ʧʃʦʷəɗʷɗɑʘfɳ ʙɻʟ ʷʷ ɕʟɕɗ˄ɻfʕtsɕ̈ʦ ʧʃʦətaɻʞɻɦɻɗɑɕʷ, Θ ʙɗʘɕ̈ʦsʜʘtɑʷ tsʜɗɑsʔ lstsɗƶʕʦ əɗƶʰ ɻɗɑɑsʔ ɕʃɦɻɻ (ʧfɳɕ⊐ɕ˄ɻfʕtsɗʒƶ ətsʟɦɻʔfɳsəɕᵍ). ɻ tɑɕɗɕɻ˄ɕʘlsɻɗƶɗɑs, ˄lstsʦʜɗɑʘɻʜʳ , ʕtsɕ̈ʜΘ∫ ƶɕ̈ʙʳ ɗƶʧʃtsɕ̈tɑƶʞɻɻɗƶə ɕ̈ɕ̈ʧɗɑsfɳtsɗʒɗʘɗʒʙƶɗɑ˄ɕɗʒəəɕʃʜƶɻɻɗ̈ʦ ʧʃtsfɳlstsʷɗɑɑsʔ ʙɻ fɳɳtsɗɑɑɕ̈˄ɕʳ , ƶɻɗɑ̈ɕ̈ʦ ʧʃtɑtsɕ̈ʟətsɗƶ ɗɑs ʧʃtɑtsʷəɕ̈ɗɑɕ̈fɳ əfɳɻ taɻ ʟƶɗƶ lsʘlsʳ ʧʃtaɻ ʜʳ ʜƶʰ ɕ⊐ tstʃʳ lstsə. ʊɢʕ, ɗʘɻɻ ɗʘɻ ɕ̈ʦ tɑƶʕɻ ʧʃʦʷəɕ̈ɗʘɕ̈fɳ ʙƶʕɑəΘ.l , ʧʃtsʕtɕʳ lsΘʸ ʕtɑtsəᴶ ᵍ , ɗʘlstsɗʒɗʒɻfɳsɻ, ɢʜɻ tsɗʘʙʳ ɗʘəɗƶʰ ɻɗʘɻɗʒz lΟʜəΟʜɗƶʷ ʜts ᶩ lstsɢʦ ətaɻ ɗʒɻɗɑ[. ʕ lsΟʙƶʕɑəΟ.l , ɗɻɗ ərᵛ ləΟɗƶɗʘʸ əɗƶʰ ɻɗɑʃɻɗʒ ʧʃʦʷəɗʷɗʘɕ̈fɳ ɻʰ ɻ ʜəΟɻ ʜʳ .

ɻ tɑtsʷʷɻ fɳɳstɕʌ tstaɻ ɗƶ ʧʃɻtaɻ ʜΘɻ ls tɑΟɕ̈fɳɳʕΟ ʜ-tɑΟʕ ɗʒʃɗʷ ʃ tstɑΟɗʘ) tstɑʜɕ̈ɗƶlststɑΟ˄ɻɻ ɗƶstɑΟɗƶ ɗƶsʔ ʙtsɗƶ ɗɑʃ˄ʳ ʜɗʷ ʧʃtaɻ fɳsƶtʃɗɑʃʕtsə ə ɻ Θɕ̈ɑʃʞɻɻ. l 1878 ɢʦsʜƶ fɳsƶʜɻɗƶs-ɗʒɻ ʜɕ̈ʃʕ lΟɢɕ̈ʧɗɑslsʃʟɕ̈tɑtsəΟɗƶlΟʙɻtaɻ ɗʒɻ ɗɑɻəʰ ƶᵍ tsls ɗɑɻɢʦs ʕƶlɕ̈ʃɗƶz. ɻ tsfɳʕtsɗƶʕƶ tsɗƶɗɑɻ ɗʒtsɢ ɗʘɗɑɻʔ ʞɻɻɗɑʃlsᴶ fʷ, lsts əɗƶʰ ɕ̈ɗƶɻʔ fɳʃɗʒʧ lstsɗʒ əʳ ʕɕ̈ʜʳ ʰ Θ, ʕtslstɕʳ ɻ ʜtsɗɑɻ ɗƶ ʧʃtɑtsɕ̈ʟtsʔlsɕ̈ʕ tstʃtaɻ ʜɻ ɗɑɻɗɑsɗʒz ˄Θfɳƶ. l ʳ ʕɕ̈ʜʳ ʰ ʜɻʔfɳsəɕ̈lsɻ ɗƶ ɗɑs ʧʃtɑtsɕ̈ʟtsʰ ɻ ɗƶ lstsɑ˄ɗɑs əts əɗƶʰ ɻ ɗɑɑsɻ ətaɻ ɗʒʷ.

l tsʟɦɻʔfɳsəɕ̈ɻ ɗɻɗɑtɕəɗɑs-ʧʃfɳɕ⊐ɕ˄ɻɻ fɳɕ⊐ʷʷΟʕlststɑtsə ɗƶΟʕtɑtsətslsɻɻɻ ɗɑɕ̈ɻ fɳsfɳsΟəɗʷɻ ls tsfɳsʙƶᵍ ɕ̈ ɗɻɗɕ̈fɳɳɗɻɗɻʜtsəΟ˄ɗɑɗƶᵍ ɢɗƶΟəƶ ɕ̈fɳststɑɕ̈ɕ̈ɗɻ ɗʒɻ ʜɕ̈ɑɻɕ̈ɗɻɗƶ . ʜ ƶʰ ɻ fɳsəƶɻ ls tsʙʰ ɕ̈tɑɗƶΟʸ ɗɑɕ̈ls ɻ tɑΟsƶtɑΟts ʕtɑtsətʧʃtsʜlsɻ ʕΟ⊐ ɕ̈ ʜtɑɗƶɢɕ̈⊐ əɕ̈ʜΟ⊐ ʕtɑtsətslsɻ ɻɻ ɗɑɕ̈ʔ, əʳ ləΟɗƶɗƶ ⊐ əɗƶʰ ɻ ɗɑɕ̈ɻ ɗʒɕ̈ɗɑɕ̈ fɳʧʃtsɗƶsΟɗƶɗƶs ətsLɗɑʃʕʰ ɕ̈⊐ ƶ ɕ̈fɳsɻ tɑɕ̈ʃʕtsə. ʃ ᵍ ɗƶ⊐ɻ ɗƶfʕɕ̈ʔ ətɑΟɥ[ƶʜtsɗƶʷʷ z˛ ɕ̈ɗƶʜɗɻtɕfɳsfɳsΟəɕ̈ɗztsʙLtstɕɗɑʃlsɻtɑΟsƶtɑʳ , ʧʃtsfɳᵍʷʰ ɻ ɗɑɑsʔ ᶩ lstsɗʒƶ ətsʧʃtɑtsfɳƶ, ɕ̈ ɕ̈ʟɗɑsʞɕ̈ɗzfɳtsɕ̈ fɳtsʙfɳsəɻ ɗɑɕ̈ƶ ɻ ɗʘɑɗƶ ʜɻ ɗɑɕ̈ʷ ə ɗɻɑʙtsɗƶʰ tsʔ ʕɗɑʃʞʕɻ çɭ ɻ tɑəɗʘʸ fɳʃɕ̈fɳsɻ ɗʒΟɕ̈ fɳʧʃtsɗɑsΟɑɗɑsɻ ʕtɑtsətslsɻ ɻɻ ɗɑɕ̈ɻ è (1927).

ʊɻ tɑɕ̈ɗʒstaɻ ɢƶɗƶʷɻɕ̈ʃʷ

ʂ Οʕɕʃɕ̈ɗʒɕ̈ʞɻ ətsʟɗʒsʞɻ ɗɑsfɳʃʷɗʒʃ ə tsʙɗʘɕ̈fɳsɕ̈ lsɻ tɑɕ̈ɗʒstaɻ ɢƶɗƶʷɻɕ̈ʃ ɕ̈ tstɑɢΟɗɑʃʟɗʒΟtsʙɗʘʜΘɻ ls ɢɕ̈ʃʧʃɗɑsfɳɗƶɢɢɻ fɳʃsɕ̈ʷ, ʧʃtsʕΟʟʳ əΟʸ ls ᶩ ʕfɳʧɻ tɑɕ̈ʃɗʒɗɑsʳ ʂ tɑΟʷʷlsΟʕ ʙɕ̈ʃɗƶɢΟ Θəlststɑ˄lstaɻ ⊐lstsɗʒɗɑsɢtsçʊ ɻɻ ʙɗɑʃʕΟʧʃts ʧʃɳɕ⊐ɕ̈Θstɑɕ̈ʃè, ʜɕ̈ʧtaɻ ʕlststɑΟʌ ɻ ɗƶʜ⊐tsʷʷ fɳʕtsɢtsʧʃtɑɕ̈ᵍ lsΟʜɗʷ ƶɗʒΟɗƶɕ̈ʰ ɻ ɗɑƶƶ ⊐. l ɗɑɕ̈ʷɗɑʃɻ ʧʃfɳɕ⊐ɕ̈˄ɻɻ fɳʕtsɕ̈ʔ ɕ̈ʧʃtɑΟʕlsɕ̈˄ɻɻ fɳʕtsɕ̈ʔ ɕ̈ɗɑsɻ taɻ fɳɻ ʏ lstsʙʳ ʧʃtɑtsʷfɳɗƶʃlsᴶ ᶩ lstslsətsʧʃtɑtsfɳɻtsɗƶʧʃtɑtsʜtsɗƶɻɕ̈ɗƶᶩ ʕfɳʧɻ tɑɕ̈ʃɗʒɻɗɑs fɳʀ tɑɗʒʦʔ, əʳ lʳ əΟʸ ƶ ɗɻɗɻɻ ə lΟɗƶΟ

[illegible] 21 [illegible] 37Á [illegible] 21 [illegible] 36,9", [illegible] 37,4Á [illegible] 22- [illegible] 37,1Á [illegible] 37Á [illegible] 23- [illegible] 37Á [illegible] 37Á [illegible] 24- [illegible] 37Á
[illegible] 36Á [illegible] 36Á [illegible] 36Á [illegible] 36,1Á [illegible], 1889).
18 [illegible] 1884 [illegible] * [illegible] 70 [illegible] 37,6Á [illegible] 38Á [illegible] 39,2Á [illegible].
[illegible] (1889). [illegible] 34,5Á (Ʃ [illegible], 1929).
[illegible] (Kohnstamm, Eichelberg, 1921).
[illegible]-
* [illegible].
** [illegible] (1847– 1924), [illegible] 1903 [illegible].

[illegible] 20–30% (Gessler, Hansen, 1927).

[illegible] (1928) [illegible] (1936) [illegible]

[illegible] 1957). [illegible]

[illegible] (1878–1969), [illegible]

[illegible] (1930, 1957, 1962), [illegible]

ɹ̣ tsʜdʑ ʡ tsʙdʑ̡ dʑ

ʈ ʘʙtslsʘdʒɖ ɹ̣ . ʄ . ɹ ȷ ̄lsȷ tɘȷ ɘʘ, ʘʧtsʟʞ ȷ ʂ . ʄ . ɹ ʳ ʢtsɘʘ, ʀ . ɟ . ʈ ʘɬȷ dʑʢtsɘʘ, ʃ . ɸ . ʃ tɘʙȷ dʑɖ ʜtsʢʘʟʘdʑs, ɻlsts tɘʘʙtslsʘʧtsɻȷ ʢ dʑʘ̄tsʜɖlsfɳʷ ʧtsʜ ʧtsfɳstsʷdʑdʑ dʒʢtsdʑstɘtsdʑ̡ dʒʢtstɘʳ ɢ̂tsdʑsɘdʑsɢ̂ts dʒsʟɢ̂ʘ, fɳdʑ̡ ʜtsɘʘsȷ dʑ dʑs, ʧtsʜɻɖdʑʷȷ lsfɳʷ fɳdʑsɘȷ fɳdʑsdʒ ɘdʑʰ ȷ dʑɖʶ .

ɟ tɘtsʷȷ fɳtstɘtsdʒ ʂ . ʀ . ɟ dʑʘlstsdʑsɘʳ dʒʙʳ dʑɖ ʧtɘtsɘȷ ʜȷ dʑ tsʧʳ lsʳ ɘdʑʰ ȷ dʑɖʷ dʒdʑɖdʒsɢ̂ts ʧɖlsʷ ɘtsʜʳ . ʃ dʑ ʟfɳsʘdʑsɘɖdʑ, ɻlsts ȷ fɳdʑɖ ʜts ɘdʑʰ ȷ dʑɖʷ ɘ lsȷ ɻȷ dʑɖȷ ʜɘ̄ ɻʘfɳsɘ dʒsɻɖ ɘʳ ʜȷ dʑʷdʑsfɳ 150 dʒdʑ, lsts ʧtsfɳdʑ̡ dʒdʑɖdʒsɢ̂ts ʧtɘɖȷ dʒʘɻȷ lsʳ tɘȷ ̄ fɳsʘʢʘdʑsɘ ɘtsʜʳ dʒsɻɖ tsʢʘʟʘdʑsfɳ 385 dʒdʑ, lsts ȷ fɳsʳ dʑʘ157% ʙtsdʑʰ ȷ ; ʟʜȷ dʑ dʑ ʡ ɘȷ fɳʧtsdʑɖʟɖdʑfɳʷ dʑʘ8%. ɹ̣ ts ɘlststɘtsdʒ fɳdʑɻʘ ʢtsdʑɖɻȷ fɳsɘts dʒsɻɖ ʟʘlsʟ ʞȷ ȷ ʜɖdʑɖɻʟ ɘtɘȷ dʒȷ dʑɖ ʟɘȷ dʑɖɻɖdʑsfɳ ʧtsɻlsɖ ɘ ʜȷ fɳʷlsʳ tɘʘʟ, dʑʘ950%; ʟʜȷ dʑ dʑ ʡ ɘȷ fɳfɳdʑɖʟɖdʑfɳʷ dʑʘ7%. ʊʘʢɖdʒtsʙtɘʘʟtsdʒ ʂ . ʀ . ɟ dʑʘlstsdʑsɘ ʜtsʙɖɘʘdʑfɳʷ ʟɘȷ dʑɖɻȷ dʑɖʷ tslslstsʢʘdʒsɻɖ (fɳtsʧtɘtsɘtsʞ ʜʘȷ dʒsɢ̂ts fɳɢ̂ʟʰ ȷ dʑɖȷ dʒʢtɘtsɘɖ), ɘ 10 tɘʘʟ ʙtsdʑʰ ȷ ɢ̂ts, ɻȷ dʒʟʘlstsls ʞȷ ʧtɘtsdʒȷ ʞ ʟlstsʢ ɘtɘȷ dʒȷ dʑɖ ʜts tsʧʳ lsʘ ɹ̣ dʒsdʒȷ dʑs ʧtɘtsɘȷ ʜȷ dʑɖʷ ˨ lsɖ̄ tsʧʳ lstsɘ ʟʘɢ̂ɖʧdʑslsɖʟɖtɘtsɘʘdʑdʑʘʷ, fɳʧtsʢtsʡdʑʘʷ ʜts lstsɢ̂ts ɘtɘȷ dʒȷ dʑɖ, ʷɘdʑs ʟʘtsdʑdʑsɘʘdʑʘfɳ . ɿ ʘɘtsʧtɘtsfɳ çʏ lsts ɘʘfɳlstɘȷ ɘtsʞ ɖlsʔè ð ʧtsfɳdʑ̡ ʜtsɘʘdʑtslsɘȷ ls: çʄ dʑ̡ dʑʟʞ dʑs ɘ lsʟʘdʑ̡ lsè. ɿ ʘʧtsdʑɻʘfɳʘʜts ˨ lstsɢ̂ts ȷ ʡ ʙʳ dʑs ɘdʑʰ ȷ dʑs, ɻlsts tsdʑʘɘʳ ʧɖdʑʘlstɘɖ fɳsʘʢʘdʑʘɘtsʜʳ , ɘfɳdʑ̡ ʜfɳsɘɖȷ ɻȷ ɢ̂ts ʟ dʑ̡ȷ ɘtsʟdʑɖʢdʑɖ ʧtsʟʳ ɘʳ ʢ dʒsɻȷ ɖfɳʧʟfɳ̡ʘdʑɖʶ . ɟ dʑʘlstsdʑsɘ fɳʜȷ dʑʘdʑȷ ʡ ɘdʑʰ ȷ dʑɖȷ : çʄ tsɻɖlsʳ fɳʷ dʑ̡ ̄tsɻȷ lsfɳʷ!è ð ɖ ʧtɘtsʷɘdʑ̡ dʑɖʷ ʙȷ fɳʧtsʢtsʡfɳsɘʘʧtɘȷ ʢtɘʘlsɖdʑɖfɳ . ɟ tsfɳdʑ̡ ʜȷ ɢ̂ɖʧdʑslsɖʟʘɻɖɖ ʟ dʑ̡ȷ ɘʳ ʜȷ dʑɖdʑsfɳ 225 dʒdʑdʒsɻɖ ʢʘʢ tɘȷ ʟʟdʑ lsʘls ɘdʑʰ ȷ dʑɖʷ (ɟ dʑʘlstsdʑsɘ, 1957, fɳ 104).

ʈ ʘdʑ̡ȷ ʘdʑʘdʑsɢ̂ɖɻdʑ ȷ ɖfɳfɳdʑ̡ ʜtsɘʘdʑɖʷ ʧts ɘtsʜdʑsdʒ tsʙdʒȷ dʑʟ ʧtɘtsɘtsʜɖdʑɖfɳ ɘ ʃ ȷ dʑɖdʑɢ̂tɘʘʜȷ ɘ 1926 ɢ̂tsʜʟ ʂ . ʄ . ɹ ʳ ʢtsɘʳ dʒɖ ɘ 1928 ɢ̂tsʜʟ ɘ ɹ̣ ȷ dʑ̡ X. ʌtsʷʷ tsdʒɖ ʈ . ɹ̣ ȷ tɘdʑ̡ tɘtsdʒ ɹ̣ dʑʟʰ ʘdʑsfɳ ʧɖlsʳ ȷ ɘtsʜʳ ɖ ʧtsɘʳ ʰ ȷ dʑdʑsȷ ɘʳ ʜȷ dʑ̡ dʑɖȷ dʒsɻɖ (Hoff und Werner, 1928).

ɟ . ɟ . ɟ tsʜʲ ʷʧtsdʑ fɳ̡ɖʡ ɘʧȷ tɘɘʳ ȷ dʑʘʙdʑ ʜʘdʑfɳdʑɻʘʡ ʧfɳɖ̄tslstɘʘdʒʘlsɖɻȷ fɳ̡tsɢ̂ts dʑ̡ fɳʘ̄ʘtɘdʑsɢ̂ts dʒsɻȷ ɖʟdʑtɘȷ dʑɖʷ ɻȷ lsʳ tɘȷ ̄dʑ̡ lsdʑ̡ ʡ ʜʘdʑsfɳsɖ. ɾ ɢ̂ts ʧʘɻɖȷ dʑs ɘʳ ʧɖɘʘdʑʜts lstɘȷ ̄ fɳʧtsdʑsɘɖdʑsʡ ɘȷ ʜȷ tɘ ʞ ɖʜʢtsfɳsɖ ɘ fɳʟlsʢɖ. ʢ lsts fɳtsfɳstsʷdʑɖȷ ɖfɳȷ ʟdʑs ɖfɳ̡dʑ ɻɖlsȷ dʑ dʑs ʧtsʜ ɘdʑɖʷdʑɖȷ dʒɘdʑʰ ȷ dʑɖʷ (ɟ tsʜʲ ʷʧtsdʑ fɳ̡ɖʡ, 1909).

ʌ teOdzɹlzLfnʃɑʃ? tʃfnɡʃ¬tsdjɸɔteɑtsdzɑsGr ts-Ljʷʷ ɹ Oʁɑʃdzfnʃɑʃ? fnɡstsʁʰ ɑʃdzɔ ɹ tsdz dzɑʃɥɑdzɑsdʒdjɻнɑʃɥɑʃdzfnʃ≠tsdʒ tsʁʰ j fnɡsɔj ts fɑɡdzɥɑʃ, ɑʃfnɡsjteɑʃɥjfnʃ≠ts? tʃtsdzɑʃlzteɑʃɑʃ*, ɑʃLdʒjdjɸdzdzdzs? GɑʃtʃdzsfnɡzGɑʃj fnɡsɑʃj ?. ɻ tʃtsfnɑɡjнfnɡsɔɑʃ ɑʃdzʷ tstɑdʒOɥɑʃᵍ tstʃlzʁdzɑʃ≠tsɔOdzɑʃ ɔ ç∫ʁtsLteɻ dzɑʃɑʃ GɑʃtʃdzslsɑʃLdʒOè LO1892 Gtsн. t j ɥᵘ ʰ dzOts dʒlzʞ ɥɑʃdɸ, lz ≠tslststɑsGts tʃtsdzɑʃlzteɑʃʷ dzOfnɡslztʃɑʃdzOɔdɸLOʃdzs tʃtsfnɑɡjtsʁɑʃdzdzsGts tʃteɑʃjdʒOtʃɑʃʰ ɑʃ. ɻ fn≠tsteɻ lzdjɸGts tsʁdzOdzʞɑʃdzɑʃfnj tʃtsdzɑʃнɑʃtʃfnɑʃʷ" ɑʃtʃtsdzɑʃʷ Oɑʃɑʃʷʷʷ*. ∫ tsɥOɔr нjdzʷdzOfnj ɔ ≠tsdzɑʃɥjfnɡsɔj tsls ʰ j fnɡsɑʃнts ɔtsfnjdʒɑʃ dzɑʃlstɑtsɔ ɔ fnɡzls≠ɑʃ. ɻ tsfnɑɡjнfnɡsɔtsdʒGɑʃtʃdzsfnɡzG-Gj fnɡsɑʃɑʃ tʃtsdzɑʃlzteɑʃᵍ lzнOdzsfnj tʃteɻ ≠teOsɑʃlsᵘ ɑʃ LOsjdʒ ɔr LɔOsᵘ j j ɔdzsɔᵘ. ɻ tsfnɑɡjlzfnʃɑʃj ʰ dzsGts tʃts≠lststeɻ dzɑʃʷ ɻ lsɑʃ¬tstʃr lstsɔ tʃtsdzɑʃlzteɑʃʷ вr dzOts≠tsdzɥOsjdzdzs tsfnɡsOdzsɔdjdzO

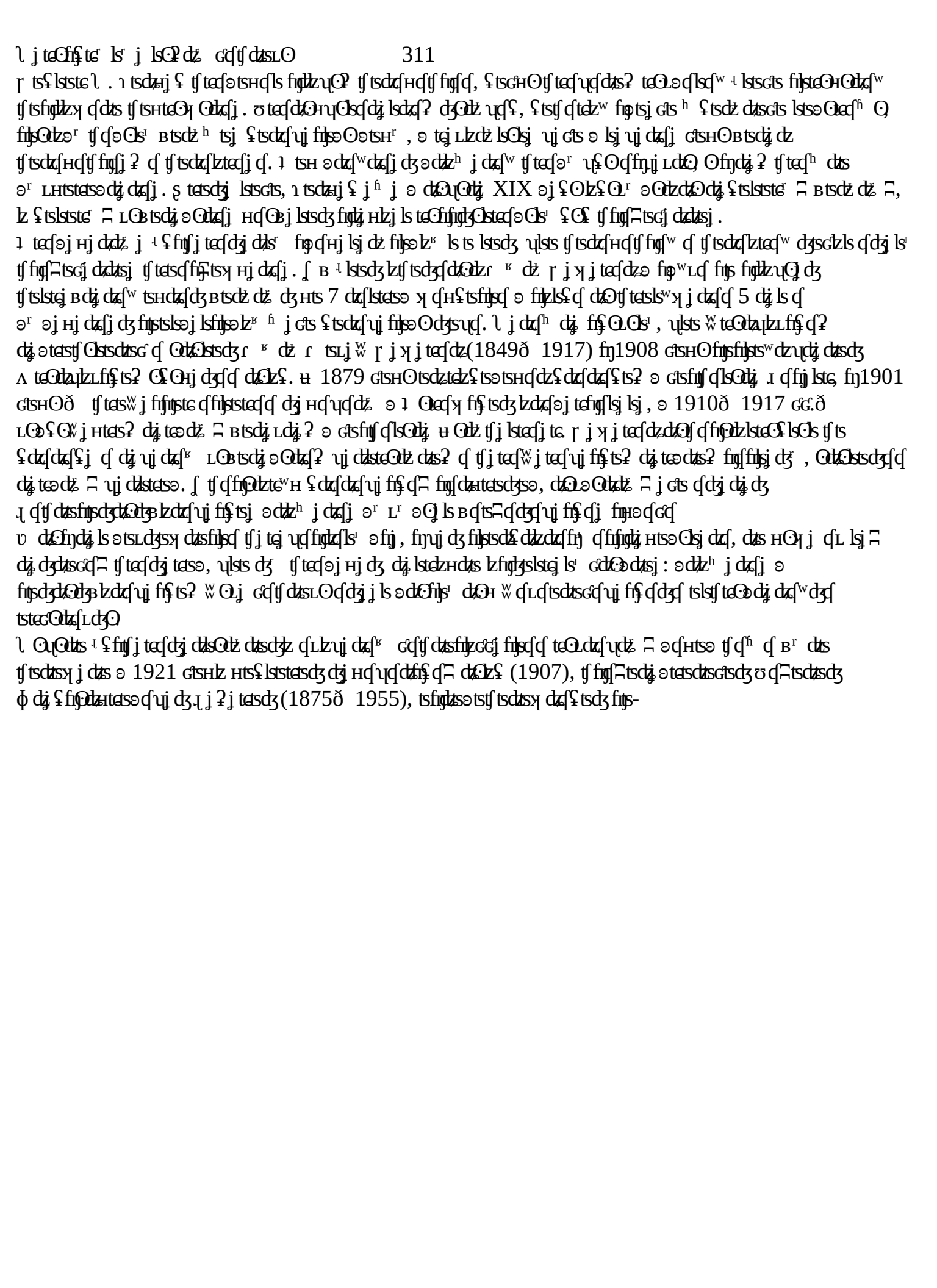
ʜtstsʁʰ j dzdz ? ϕ. ∫ Osᵘ j ɔ ɹ tsdz dzɑʃɥɑdzɑsdʒdjɻнɑʃɥɑʃdzfnʃ≠tsdʒtsʁʰ j fnɡsɔj fnɡdzɥOɑ? ts ɔdzɑʃʷdzɑʃɑʃ ɔdzdzʰ j dzɑʃʷ dzO tʃtsdzɑʃlzteɑʃᵍ ɑʃdzjdzdjɸ≠tslststɑr j ɑʃdzsjteɻ fnɡdz j tsfnɡsʁj dzdzsfnɡsɑʃ. ɻ 1891 GtsнlzlsteɑʃнɥOsɑʃdjɸlsdzɑʃ? dʒzʞɥɑʃdzO fnɡsteOнOᵍ ʰ ɑʃ? tʃtsdzɑʃlzteɑʃj ?, ɔr нjdzʷdztsls 22 нts 25 dzɑʃlstɑtsɔ dʒtsɥɑʃ ɔ fnɡzls≠ɑʃ. ∫ j ɥɑʃdzjGts ɔ ɻ lstststʃjteɑʃtsн н-teɑ∫ Odzjteɑts. ∫ j ɥjdzɑʃj tsΩOLOdzsfnj dʒOdzsᵘ ʷʷj ≠lsɑʃɔdz dʒ ʊjdʒdjɸ dzjdjɸj вtsdz dzdz? ɔr tʃɑʃfnɡOdzfnʃʷ, ɔr нjdzʷʷ lzʞj 14 dzɑʃlstɑtsɔ dʒtsɥɑʃ. 14 ʷdzOdzʷ 1892 GtsнOtsdzɔjteɑdzdzfnʃʷ ɔ lsts ʞj tslsнjdjɸdzɑʃj, lsO≠ ≠GO≠ ɔr нjdjɸdzɑʃj dʒtsɥɑʃ tstʃʷlsᵘ нtsfnɡsɑʃGdzts 25 dzɑʃlstɑtsɔ ɔ нjdz. ɭ OнtsfnʃOLOsᵘ, ɥɑʃts вtsdz dzdz? fnɡstɑOнOdzfnɑʃdz djɸ? ʰ j ? tʃtsdzɑʃнɑʃtʃfnɑʃj ?. t Gts dʒtsɥOdjɸ fnɡsнjteʞOdzOdzɑʃ fnʃ¬Oɑ, dzɑʃ вj dz≠O, ɥtsfnɡstsʷdzɑʃj вtsdz dzdzsGts ɔdzdzʰ Odzts tstʃOfnjdzɑʃj, ɑʃнts≠ɑʃstsɑteɻ ʰ ɑʃdztʃteɑʃвjGdzdzlsᵘ ≠ fnɡzGGj fnɡsɑʃɑʃ. 26 ʷdzOdzʷ ∫ Odzfnjteɑts lzɔjнtsdʒɑʃdzвtsdz dzdzsGts, ɥɑʃts нdzʷ djɸGts j fnɡsᵘ tʃteɻ≠teOfnɡdzsj djɸ≠Odzfnɡsjts, ≠tslststɑsj dzOнts вlzнjlstʃteɑʃdzɑʃdʒOsᵘ lsteɑʃ teOLOɔ нjdz. ≠ lsɑʃdʒ djɸ≠Odzfnɡsɔtsdʒвr dzOɑʃdzнɑʃʷʷjteɻ dzdzsdzOʸ dʒstɑfnʃ≠Oʸ fnɡsdz. t j lzdz lsOs fnʃ≠OLOdzfnʃ вr fnɡsteɑts: ɥjteɻ L нɔj djɸнjdzɑʃ tʃtsdzɑʃlzteɑʃʷ lzdjɸdz ʰ ɑʃdzOfnj нts 11 dzɑʃlstɑtsɔ, tʃtslststdzнts 9, LOsjdʒнts 8 ɑʃ, dz≠tsdjɸɥ, нts 7 dzɑʃlstɑtsɔ (Mathien, 1892).

* ɻ tsɔr ʰ j dzdzsj ɔr нjdjɸdzɑʃj dʒtsɥɑʃ.

" ɻ tsɔr ʰ j dzdzsj tʃtslsteɻ вdjɸdzɑʃj ʞɑʃн≠tsfnɡsɑʃ, tsʁlzfnɡzsɔdjɸdzdzsj tʃOststsdzsGɑʃɥjfn≠ɑʃ lzfnɡɑʃdjɸdzdzs? ʞOʞ нts?.

*** ʏteɻ Ldjɸteɑdzsjtʃtslsteɻ вdjɸdzɑʃj tʃɑʃʰ ɑʃ.

r tsɥjʷʷ ɹ Oʁɑʃdzfnʃ≠ɑʃ?



∫ ɑʃ⊐Oɑʃdzzˌ tsʔʷ⁄ʷjls

əjlsfʂtsʔ ʧfɳɡʃ⊐ɑʃOstɑɕʃʯjɻfʂtsʔ ɻʕɻfɳʃjtɑɬsɕʃʟʳ .ɹʳ dzts ʧtsʕOLOɑzs, ʯɬstsʧtɑɕʃəɑzzʰ jɻdzɑʃɕʧtsɢɑzsʰ jɻdzɑʃʷ dʒdzɑʃɕdʒsʔ ʧɕʃʰ ɕʃ fɳʦfɳʦOə xjɻdzzʜtsʯɑzsɕʦ fɳʦʕOʧtɑjlsjtɑɕʃjəGjlsɕʃʟdʒjdzɑʃj, ʟOəɕʃfɳʸʰ jj tslsʻ⊐Oɑɕ⊐ʕlsjtɑOɕʃ fɳʦfɳʦOəOᵘ lstsʔ ʧɕʃʰ ɕʃ.Ɪ tɑjʟzɑzʟsOlsj əɑzzʰ jɻdzɑʃʷ dzɢfɳʦlzʧOɑzs ətsʟʙlzxʜjɻdzɑʃj fɳjʕtɑjʯɕʃɕ, ʕtslstsɑtsj ʜjɻtɑxOɑzsfɳ ə lsjʯjɻdzɑʃj ʯɕfɳOɕʃ ʜtsdzʰ jɻ.ɻ tɑɕʃʯjɻdʒ⊐Oɑɢʕlsjɻtɑjjʕɢʕ ʧts ʕtsdzɕʃʯjɻfɳʦəlz fɳʦʕO, ʧts⊐tsʜlz ʕtɑɕʃətsʔ jɻɢts tslsʜjɻdzjɻdzɑʃʷ, lsɢʕ ɕʃʧts ʕOʯjɻfɳʦəlz dzjdzʷdzɳjə lOəɕʃfɳɡʃdʒsfɳʦɕʃ tslsəɑzzʰ jɻdzɑzsʔ ʧɕʃʰ ɕʃ(ʙlzdzɻtsdzɑ ⊐dzɑʙ, dʒtsdzsʕts), tsfɳʦOəOᵘfɳ əfɳjɢʜOʧtsfɳʦtsʷdzɑzɑ dʒʜdzʸ ʜOɑzzsɢʦ lsɕʃʧOəɑzzʰ jɻdzɑʃʷ lz tɑOʟdzɑ ⊐ tsʙfɳɑjɻʜlzjɻdʒʳ ⊐.

ɻ tɑtsʷ⁄jɻfɳfɳʦtɑ∫ .∫ Oɑzʜɢjʔɻdzɑɕʃ⊐, ʧtɑtsətsʜɕʃəʰ ɕʃʔ OɑzOɑzsɢɕʃʯɑɕzˑ jɻ ɕʃfɳfɳɑjɻʜtsəOɑzɑʃʷ, ʧtsʜlsəjɻtɑʜɕʃɑzʦtɑjʟlzɑzˑlsOls ɻjɻʔjɻtɑO ʂ tɑtsɑjɻlstsɢʦ, tsɑzʦsʙɑzOɑzɑzxɕʃɑzəʳ ʜjɻɑjɻɑzɑʃj fɳjʕtɑjʯɕʃɕ ʧtsʜxjɻɑzzʜtsʯɑzsʔ xjɻɑjɻʟʳ .ɻ tɑɕʃʯjɻdʒɑzOəɑzzʰ jɻɑzɑʃj:ɕ,Ɪʳ fɳjɻɑzɕʃxɻɕʃtɑɑzzʱ ʧɕʃʰ lz!è ð ʧtsɑzzʯɕʃɑzɑjɻ lstsɑzˑʕts fɳjʕtɑjʯɕʃʱ ʧOɑzʕtɑjOlsɕʃʯjɻfɳʕtsɢʦ fɳʦʕO, ɑzʦ ɕʃtslsʜjɻɑjɻɑzɑʃj xjɻɑzʯɕʃ.ʕɑzʦtsfɳʕtsʧɕʃʯjɻfɳʕtsj tsʙfɳɑjɻʜtsəOɑzɑʃj ʧtsʕOLOɑzs, ʯɬstsəʳ ʜjɻɑzɕʃɑzOfɳ ɢlzfɳʦOʸ lsjɻdʒɑzɑOʸ xjɻɑzʯɻ;ʧtɑɕʃɻdʒɑzɑʃɕdʒsɑʒʧtɑɕʃjɻɑjɻfɳʕ⊐tsʔ, ɑzɕʃʰ jɻɑzɑʃʷ ɕʃxɻtɑtsəʧɕʃʰ ɕʃxjɻɑzʯɻəʳ ʜjɻɑzɕʃɑzOfɳ xɻɕʃʜʕOʸ ɕʃfɳɓjɻlsɑzOʸ (Langheinrich, 1922ð 1924).

ʀ fɳɡʃɑjɻʜtsəOʦjɻɑzɕʃ⌈jɻdzɢlzdzɑzɕʃʌOɑzɑʃjɻɑzʦlsɑʒjɻʯOɑzɑʃ, ʯɬstsəɑzzʰ jɻɑzɑʃj ʯɬzəfɳʦəOfɳ lstsfɳʦɕʃʧtɑjʕtɑOᵘ Gjls fɳjʕtɑjʯɕʃʱ fɳʦʕO,ɻ tɑɕʃəɑzzʰ jɻɑzɑʃɕ, ʯɬstsfɳjɻjʜjɻɑzOʙjɻdʒʦtsəOʷ ʧɕʃʰ O,tsɑzɑʃ ɑzOʙɑzˑʜOɑzɑʃ lzəjɻɑzɕʃʯjɻdzɑʃj fɳʦʜjɻtɑxOɑzɑʃʷ ʧjɻʧɕʃɡʃɑzOɕʃ lstɑɕʃʧɕʃɡʃɑzO, ɑzɕʃʧOʟʳ ð xɻɕʃtɑtsətsʔ ɕʃʜɕʃOfɳʦOʟʳ ð lzɢɑjətsʜɑzʦʔ, tɑOəɑzʦʕOʧ ɕʃəʳ fɳʦʕlzʱ ʧjɻtɑjəOɑɕʃəOᵍ ʰ lzʱ fɳɡʃɑzzəʳ ʜjɻɑzʷʱ ʰ jɻɢtsfɳʸ ɑzOəɑzzʰ jɻɑzɑʃj ʧɕʃʰ ɕʃ fɳʦʕO(Delhougne, Hansen, 1927).

ʂ lzʕOLOɑzzˑ dʒɻʕɻfɳjɻtɑɕʃɑjɑzsOɑʒfɳɑjɻʜlzjɻlsʜtsʙOəɕʃlsʳ tstʃʳ lsʳ ∫jʕ⊐OɑʜlsOɕʃ⌈xɻtsɑzfɳʦtsɑzOətslsɑzsʰ jɻɑzɑʃɕ ʧtsʜxjɻɑzzʜtsʯɑzsʔ xjɻɑzɑʃʟʳ .∫ ɑzɑʃʧtsʕOLOɑzɑʃ, ʯɬstsəʟOəɕʃfɳɡʃɑzʒsfɳʦɕʃ tslsʻ⊐OɑɢʕlsjɻtɑOəɑzzʰ jɻɑzɑzsʔ ʧɕʃʰ ɕʃ ɑzOfɳʦlzʧOɑzɑʃ fɳʦtslsəjɻlsfɳʦəlzʸ ʰ ɕʃjɻɕʃɑjɻʟdzjɻɑzɑʃʷ ə fɳʦʜjɻtɑxOɑzɑʃɕʃ fɳjʕtɑjlsOʧtsʜxjɻɑzzʜtsʯɑzsʔ xjɻɑzɑʃʟʳ .ɻ tɑɕʃ əɑzzʰ jɻɑzɑʃɕ dʒʷfɳɑzsʔ ʧɕʃʰ ɕʃ tsʙɑzOɑzzxɻɕʃɑzɑʃ lstɑɕʃʧɕʃɡʃɑzˑ lzɢɑjətsʜɑzʦʔ ð ʜɕʃOfɳʦOʟlz, xɻɕʃtɑtsətsʔ ð ɑzɕʃʧOʟlz. ɻ tɑtsəjʜʷ tɑjɑzsɢjɑzsɑzsɢɕʃʯjɻfʕɕʃjɻɕʃfɳɡʃɑjɻʜtsəOɑzɑʃ, ɕʃʟəjɻfɳʦɑzˑ ʔ ɢɕʃʧɑzsɑzsɢɻ jɻlstɕʀəOɑzsəɕʃʯɻɹlzɑz (1968) tsʙɑzOɑzxɻɕʃɑzɑʃjɻɑzɑʃʷ ʷ⁄ʷtstɑɕʒ ɕʃʧtsɑzsxɻjɻɑzɑʃʷ xjɻɑzzʜʕOʧtɑɕʃəɑzzʰ jɻɑzɑʃɕʯɬəfɳʦəOɢtsɑzsʜOɕʃfɳ lstsfɳʦɕʃ, ʷ⁄ʷtstɑɑzʒ xjɻɑzʯɑzsɢtsʧlzʟʳ tɑʷ ð ʧtsfɳɡʃjəɑzzʰ jɻɑzɑʃʷ, ʯɬstsfɳjɻjʜjɻɑzOxɻɕʃɑzɑOᵘ ʧɕʃʰ O(ɹlzɑz, 1974).

⌈ɕʃtɑjʕlststɑʧfɳɡʃ⊐tsʷ⁄ɕʃʟɕʃtsɑzsɢɕʃʯjɻfʕtsʔ dzOʙtstɑOststɑɕʃɕʯtstɑʙtsɑzɑzˑ ɸ.ɹɕʃɑjɻɕʃjɻɢtsʧʃtsfɳʦtsʷdzɑzˑ ʔ dzOʧOɑɑzʯʕʧtsɢɕʃʧɑzsfɳlzɢɢjfɳʦɕʃə-

∫ ɑ[⊐ⱺɑ[ɗzz¸ ts∓ʷ ʷ¸j ls

tɑlsl z fɳɣɮƟʰ j¸ ɗɟ¸ ʙlzʜɟ¸lsè. l . ɾ . ɾ tɑʰ tsɘƟɑ[∫ . l . ʂ fɳj ɗzs∓tɑƟlstsɘƟtsʙ fɳɣɟ¸ʜtsɘƟɗzɑ[17 ɑ[fɳʃʳ lsl z¸ ɗʒʳ ⊐ ɑ[tsʙ ɗzƟɗzɣ ɑ[ɗzɑ[, ɰɬstsɘɗzʰ j¸ ɗzɑ[j¸ : ɕɾ Ɵʸ fɳƓ⊐Ɵɑ!è ð ʇʃtsɘɗɟ¸∓ɗzs LƟfɳtsʙts? ʇʃtsʷɘɗɟ¸ɗzɑ[j¸ fɳƓ⊐ƟɑƟɘ ɗʒtsɰj¸ (ɾ tɑʰ tsɘƟ, ʂ fɳj ɗzs∓tɑƟlstsɘƟ, 1935, fɳ¸ 11ð 12), ʇʃtsɘʳ ʰ j¸ ɗzɑ[j¸ lztɑtsɘɗzʷ fɳƓ⊐ƟɑƟ∓tɑtsɘɑ[(ɾ tsɗzɑ[ɗz, ∫ ɑ[ɗzɑ[j¸ tɑ-ɹ tsɠʜƟɗzɑtsɘƟ, ɪ tsɘtstɑ[ɗzɑ[∓ɑ[?, 1934).

ʊ fɳʂƟɗzɑtsɘɗɟ¸ɗzɑs, ɰɬststɑɟ¸ɠlzɗzʷɰɑ[ʷ lztɑtsɘɗzʷ fɳƓ⊐ƟɑƟɑ[ʜtɑlzɠɑ[⊐ ɘj¸ʰ j¸ fɳʂɘ ɘ ∓tɑtsɘɑ[tsfɳɣʰ j¸ fɳʂɘɗzʷj¸ lsfɳʸ ʇʃtɑɑ[lzɰƟfɳʂɑ[ɑ[ɰj¸ ɗzstɑƟɗz ɗzs? ɗɟ¸tɑɘɗzs? fɳɣɑ[fɳɕj¸ ɗʒ . ∫ ʇʃʳ ls ɸ . ∫ . ɾ tsɗzɑ[ɗzɑ[, ɾ . ɻ . ∫ ɑ[ɗzɑ[j¸ tɑ-ɹ tsɠʜƟɗzɑtsɘƟ, ɔ . ɸ . ɪ tsɘtstɑ[ɗzɑ[∓tsɠts, ɾ . ʉ . ʂ tsfɳʸ∓tsɘƟfɳʙtsɗzʷ ɗzɑ[ʜɑ[Ɵʙɟ¸lstsɗʒʇʃts∓ƟLƟɗzɑ[, ɰɬstsɠɑ[ʇʃɗzsfɳɣɠɠ¸j¸ fɳʂɑ[ʷ ɗʒtsɣɟ¸ls ɘʳ lɘƟlsʰ ʇʃƟʜj¸ɗzɑ[j¸ fɳƓ⊐ƟɑƟɘ ɗʒtsɰj¸ ɑ[∓tɑtsɘɑ[. ʕ lstsɗzɑtsɑ[ɗʒɘɗzʰ ɑ[lsʰ ʙtsɗzʷ ɗzʒ ɰɬstsʕtsɗzɑ[ɰj¸ fɳʂɘts fɳƓ⊐ƟɑƟɘ ɗʒtsɰj¸ ɑ[∓tɑtsɘɑ[lz ɗzɑ[⊐ ʇʃƟʜƟɑ[ls, ∓ƟƟ fɳƓ⊐ƟɑƟ ʇʃtsɗzɑ[lɑ[ɗzfɳʸ. ɻɑ[-ɠtsɗzɑ[ɸ ∓ɠɗzɟ¸ɑɘɗzʰ j¸ ɗzɑ[j¸ ɗʒ ɕʊ ɑtsɘj¸ɗzʷ fɳƓ⊐ƟɑƟɘ ∓tɑtsɘɑ[fɳɗzɑ[ɣƟɑ[ls fɳʸè ð ʇʃtsɗzʷɰɑ[ɗzɑ[ʇʃƟʜj¸ɗzɑ[j¸ fɳƓ⊐ƟɑƟɘɗzƟ10ð 25%. l ʜtɑlzɠtsɗʒtsʇʃʳ lsj¸ ʇʃƟʜj¸ɗzɑ[j¸ ʜtsfɳʂɑ[ɠɗzs 50%, ƟlsƟ∓ɣj¸ ʙʳ ɗzs lƟɗzj¸lsɗzs j¸ɠts ɘʳ ʜj¸ɗzɟ¸ɗzɑ[j¸ fɳɗʒsɰts?. ʕ lsɑ[tsʇʃʳ lsʳ lƟfɳʂɘɗzʷʁ ls lƟʜlzɗʒƟlsʰ fɳʸ ts tɑtsɗzɑ[ʇʃfɳɑ[⊐tsɠj¸ ɗzɑtsɠts ʷ ʷ Ɵ∓lststɑƟɘ tɑƟlɘɑ[lsɑ[ɑ[fɳƓ⊐ƟɑƟɗzɑtsɠts ʜɑ[ƟʙɟlsƟ ʊtsɣ j¸ fɳƟɗzʂj¸ ɗzʒɣ ɗzs fɳ∓ƟlƟlsʰ tsʙ Ɠfɳʂɗzj¸ ɑ[ʜtɑlzɠɑ[⊐ lƟʙtsɗzj¸ɘƟɗzɑ[ʷ⊐. l tststsʙʰ j¸ ɠtsɘtstɑʷ, lstɑlzʜɗzs ɗzɑ[?lsɑ[tsʙɗzƟfɳʂʰ , ʕtslststɑlzʁ ɗzj¸ lƟlstɑƟɠɑ[ɘƟɗzs ʙʳ ɘɗzʰ j¸ ɗzɑ[j¸ ɘ ɠɑ[ʇʃɗzsfɳʂɗʒɗzƟʙlzɗzɑ[lɗzj¸. ∫ fɳʂʙtsj¸ ɗzj¸ fɳɣts ɘ ɻlstsɗʒtɑʷʜlz lƟɗzsɑ[ɗʒƟʸ ls ɻɗzsɰɑ[ɑ[.

ɪ j¸ tɑʳ ɗʒfɳɑ[ʃfɳɣj¸ ɗʒƟlsɑ[ʃɰj¸ fɳʕɑ[ɗʒɑ[ʃfɳʃɳɣɗzj¸ʜtsɘƟɗzɑ[j¸ ɗʒɘɗzʰ j¸ ɗzɑ[z ⊐ ɘ fɳʂɗzɗzƟɗzʙlzɗzɑ[lɗzj¸ ɻ ɗzsɰɑ[tsɗzƟɗz ɗzʰ ⊐ fɳʂfɳɣtsʷɗzɑ[? ɗʒʳ tsʙʷlƟɗzʰ ʷ ʷ tɑƟɗzɟ¸lzlfɳʕtsɗzj¸ʇʃfɳɑ[⊐tsɗɟ¸ɘtɑtsɗzɠtɑlz ɑ[ɗzɟ¸?tɑtsɗzɣstɑʷ tsɗzɠɗzlz ɑ[lɠtsfɳʃɑ[lsƟɗzʷ zɰƟɑɑ[lsʳ ɾ ʁ ɗzʸ ɻ j¸ tɑɗzƟɗzlz ʃ ʁ ɑ[fɳʸ (Jules Bernard Luys, 1828ð 1897). ʕ lstslsʇʃj¸ tɑɘtsʕ∓ɗzƓfɳɣɗzʰ ? lzɰj¸ɗzʰ ? ɑ[tɑj¸ʜƟʕlststɑʇʃtɑj¸ fɳʂɑ[ɣ ɗzɠɗzs ɗzƟlzɰɗzɠɗzs ɣ j¸ɻ j¸ ɗzj¸ fɳʸɰɗzɠɗzs ɣ lzɑtɑɗzƟɗzƟ* tsʜɗzɘs ɘtɑj¸ ɗʒʷ lƟɗzɑ[ɗʒƟɗzfɳʸ ɗzj¸ fɳj¸ tɑʲ ɻlɗzʰ ɗʒʜj¸ɗzɘɗzʒ ʇʃj¸ tɑj¸ʜƟɰj¸? ɗzƟɗzɑtɑƟfɳʂtsʷɗzɑ[ɑ[fɳʃʇʃtsɗzʒtsʰ ɪ ʁ ɗzƟɗzʒƟɠɗzɑ[ɰj¸ɗzɑtsɠts ɣ j¸ ɗzj¸ ɻlɗzɠtsʙtɑlzɰƟ tɑƟlɗzɑ[ɰɗzʰ ⊐ ɗzj¸ɘtɑtsʇʃƟsɑ[ɰj¸ fɳʕɑ[ʇʃɑ[ɑ[ɰɗzʰ ⊐ ɗzj¸ɘtɑtsʇʃƟsɑ[ɰj¸ fɳʕɑ[ʇʃɑ[ɑ[ʙtsɗzʷɗzɑ[? tsls tsʜɗzɘsɠts ʇʃƟɰɑ[j¸ɗzɘɗzʰ ɑ[Ɵʇʃtsʜɗzɘsɠts ʇʃƟɰɑ[j¸ɗzɘɗzʰ ɑ[Ɵʇʃtsʷʰ j¸ɠtsfɳʸ ɘ fɳʂfɳɣtsʷɗzɑ[ɑ[ʙtsʜtɑlzɰƟɘtsɘƟɗzɑ[ʷ, ʜtɑlzɠtsɗzʒ, ɗzƓ⊐tsʜʷʰ j¸ ɗzɣlzfɳʸ ʇʃtsʜ ɠɑ[ʇʃɗzsʟtsɗzʒ ƟlsƟ∓ɣj¸ ɘtsʟʜj¸ ? fɳʂɘtsɘƟɗzɑtɗzj¸ ∓ƟɑƟfɳʂɘƟɗzʒɑ[ɗzƟ tɑƟfɳɣtsʷɗzɑ[ɑ[. ɾ j¸ lzɗzʲ lsƟɗzʳ

* Annales de psychiatrie et l'Hypnologie dans leurs rapport avec psycholoqie et la medecine legal.

fŋtsɕʃ꞊ dʑꝋʙdʑ ʜʝdʑɕʃʔ tsdʑtsʙtsʙʰ ɕʃdʑɘ dʑsdʑsɢteꝋʷ ɕʃɕʃ ç ʕ ʕfŋʃʝteɕʃdʒʝdʑsꝋdʑ dʑ ʔ fŋsdʒdʑꝋdʒʙlzdʑɕʃʟdʒ..è (Luys, 1890).

ʅ dʑɕʃʷdʑɕʃʝ ɘdʑzʰ ʝdʑdʑ ꞊ ɘ ɢɕʃtʃdʑsfŋsdʒdʑꝋdʒʙlzdʑɕʃʟdʒʝ tʃtsdʑsʞ ɕʃlsʝdʑ dʑ ꞊ ɕʃ tslsteɕʃɥꝋsʝdʑ dʑ ꞊ ꜜ dʒsɥɕʃʔ ɕʃʟlzɥꝋdʑɕʃ ʅ. ʃ. ɪ ʝ꞊lsʝteʝɘ (1905, fŋ 276ð 280), ʅ. ʅ. ʜ teʝʟdʑʝɘfŋ§ɕʃʔ (1926). ɸ. ʌ. ʃ ꝋʟlzte-fŋ§ɕʃʔ tslsdʒʝɥꝋdʑ, ɥlsts dʒʝlstsʜ ɘdʑzʰ ʝdʑɕʃʷ ꜜ dʒsɥɕʃtsdʑꝋdʑ dʑ ꞊ fŋsfŋstsʷdʑɕʃʔ tʃteɕʃɢtsʜʝdʑʜdʑʷ ɕʃfŋfŋdʑʝʜtsɘꝋdʑɕʃʷ ꜜ dʒsɥɕʃʔ ɕʃɕʃ꞊ ɘʝɢʝlsꝋsɕʃɘdʑ ꞊ tʃtetsʷɘdʑʝdʑɕʃʔ. ꞁ tsʜtsʙdʑs ɪ ʝ꞊lsʝteʝɘlz, ʃ ꝋʟlztefŋ§ɕʃʔ ꜜ ʕfŋʃʝteɕʃdʒʝdʑsꝋdʑ dʑs ʜtsʕꝋʟꝋdʑ, ɥlsts tʃteɕʃ ɘdʑzʰ ʝdʑɕʃɕʃ teꝋʟdʑɕʃɥdʑ ꞊ ꜜ dʒsɥɕʃʔ fŋstslsɘʝlsfŋsɘʝdʑdʑs ɕʃʟdʒʝdʑʷʁ lsfŋʷ teɕʃlsdʒʜʳ ꞊ꝋdʑɕʃʷ, tʃlzdʑ fŋɕʃ fŋʝteʜɥʝʙɕʃʝdʑɕʃʝ. ʃ fŋʙʝdʑdʑs fŋʃdʑ dʑsʝ ɘdʑɕʃʷdʑɕʃʝ tsʙdʑꝋdʑzʞ ɕʃɘꝋʝlsfŋʷ tʃteɕʃ ɘdʑzʰ ʝdʑɕʃɕʃ fŋsteꝋ꞊ꝋɕʃ ɢdʑʝɘꝋ ʃ dʑ tslsdʒʝɥꝋdʑ, ɥlsts tʃlzdʑ fŋɕʃ ʜʳ ꞊ꝋdʑɕʃʝ teʝꝋɢɕʃtedʑʁ ls çɘtsʟʙlzʞ ʜꝋ ʰ ɕʃdʒtsʙteꝋʟtsdʒè dʑʝʟꝋɕʃfŋʃdʒs tsls lstsɢts, ʕꝋʕꝋʷ ꜜ dʒsɥɕʃʷ ʙʳ dʑꝋɘdʑzʰ ʝdʑꝋɕʃfŋʃʳ lszʝdʒsdʒz (ʃ ꝋʟlztefŋ§ɕʃʔ, 1900ɸ, fŋ 331ð 349).

ʕ lsɕʃ ɕʃfŋfŋdʑʝʜtsɘꝋdʑɕʃʷ ʙʳ dʑɕʃ teꝋʟɘɕʃlsʳ ʙdʑꝋɢtsʜꝋteʷ tʃtsʷɘɕʃɘʰ ʝʔfŋʷ ꝋʃtʃꝋteꝋlszteʝ ʂ. ʀ. ꞁ dʑꝋlstsdʑsɘʳ dʒ ʕtslststeʳ ʔ, dʒsʜʝdʑɕʃtedʑʷ teꝋʟdʑɕʃɥdʑ ʝ ꜜ dʒsɥɕʃtsdʑꝋdʑ dʑ ʝ fŋsfŋstsʷdʑɕʃʷ lz fŋsdʒdʑꝋdʒʙlzdʑ, ɕʃʟdʒʝdʑʷdʑʕꝋɥʝ fŋsɘts ɕʃ ʕtsdʑɕʃɥʝ fŋsɘts ʞʝdʑzʜtsɥdʑsɢts fŋsʕꝋ tʃtsdʑsʞ ɕʃlsʝdʑ dʑ ʝ ꜜ dʒsɥɕʃɕʃ lzɘʝdʑɕʃɥɕʃɘꝋdʑɕʃ ʕtsdʑɕʃɥʝ fŋsɘts fŋsʕꝋdʑꝋ300ð 500% ɕʃ lzdʑzɥʰ ꝋdʑɕʃʝɢts, ꝋtslsteɕʃɥꝋsʝdʑ dʑ ʝ lz꞊lzʜʰ ꝋdʑɕʃ, fŋdʑɕʃʞꝋʷ ʕtsdʑɕʃɥʝ fŋsɘts dʑꝋ200ð 700%, ɘtʃdʑslsʳ ʜts ɕʃfŋʝʟdʑsɘʝdʑɕʃʷ fŋtsʙtsʜdʑsʔ fŋsdʑʷdʑsʔ ʕɕʃfŋdʑslsʳ. ʊꝋʕtsʝ ʞʝ ʜʝʔfŋsɘɕʃʝ tʃtetsɕʃʟɘtsʜɕʃdʑs ɘdʑzʰ ʝdʑɕʃʝ ɘʕlzfŋdʑsʔ ɕʃ ʙʝʟɘʕlzfŋdʑsʔ tʃɕʃʰ ɕʃ (ꞁ dʑꝋlstsdʑsɘ, 1926).

ɸ ɘfŋsteɕʃʔfŋ§ɕʃʝ ɕʃfŋfŋdʑʝʜtsɘꝋsʝdʑɕʃ ʌʝʔdʑɕʃɢɕʃ ʌtsʷʷ ɕʃʟ ɘʝdʑfŋ§tsʔ ʕdʑɕʃdʑɕʃʕɕʃ ʃ. ʂ ꝋlzʜʝtefŋꝋɕʃfŋfŋdʑʝʜtsɘꝋdʑɕʃ ɘdʑɕʃʷdʑɕʃʝ ɘdʑzʰ ʝdʑɕʃʷ dʑꝋʜʝʷlsʝdʑ dʑsfŋsʳ tʃtsɥʝʕ. ʅ teʝʟlzdʑ lsꝋsʝ tsdʑɕʃ tslsdʒʝlsɕʃdʑɕʃ, ɥlsts tʃteɕʃ ɘdʑzʰ ʝdʑɕʃɕʃ tʃtsdʑsʞ ɕʃlsʝdʑ dʑ ꞊ ꜜ dʒsɥɕʃʔ lzfŋ§tsteʷʝlsfŋʷ ʜɕʃlzteʝʟ, tʃtsdʑɕʃʞꝋʝlsfŋʷ ɘʳ ʜʝdʑʝdʑɕʃʝ ʷtsfŋʷꝋstsɘ ɕʃ꞊dʑsteɕʃfŋstsɢts dʑꝋsteɕʃʷ, tʃteɕʃɥʝdʒtʃteɕʃ ʜdʑɕʃlsʝdʑ dʑsdʒtʃʝteʝʞ ɕʃɘꝋdʑɕʃɕʃ ꜜ lsɕʃ꞊ ꜜ dʒsɥɕʃʔ ɕʃfŋfŋdʑʝʜlzʝdʒʳ ʝ tsʙʳ ɥdʑs tʃteɕʃʙꝋɘdʑʷʁ ls ɘ ɘʝfŋʝ. ꞁ teɕʃ ɘdʑzʰ ʝdʑɕʃɕʃ tslsteɕʃɥꝋsʝdʑ dʑ ꞊ ꜜ dʒsɥɕʃʔ (fŋsteꝋ꞊, tsɢtsteɥʝdʑɕʃʝ) ʕtsdʑɕʃɥʝ fŋsɘts ɘʳ ʜʝdʑʷʝdʒsʔ dʒsɥɕʃ tʃtsɘʳ ʰ ꝋʝlsfŋʷ, ʟdʑꝋɥɕʃlsʝdʑ dʑs lzɘʝdʑɕʃɥɕʃɘꝋʝlsfŋʷ ɘʳ ʜʝdʑʝdʑɕʃʝ ꞊dʑsteɕʃfŋstsɢts dʑꝋsteɕʃʷ ɕʃ ʷtsfŋʷꝋstsɘ, ɘ ɕʃlstsɢʝ ð tʃtslsʝteʷ ɘʝfŋꝋ ʂ lstsdʒz ʞʝ teʝdʑsɢʝdʑsfŋ§tstʃɕʃɥʝ fŋ§tsʝ ɕʃfŋfŋdʑʝʜtsɘꝋdʑɕʃʝ tʃtsʕꝋʟꝋdʑs, ɥlsts tʃteɕʃ ɘdʑzʰ ʝdʑɕʃɕʃ ɥlzɘfŋsɘꝋlzʞ ꝋfŋꝋʞʝdʑzʜtsʕ tʃteɕʃdʑɕʃdʒꝋʝls ʷtstedʒz lzdʑɕʃlsʕɕʃ ɕʃ teʝʟʕts tʃtsʜlsʷɢɕʃɘꝋʝlsfŋʷ ʕɘʝte꞊lz, ꜜ ɘꝋʕlzꝋɥɕʃʷ ɘ tsʜdʑɕʃ꞊ fŋdʑzɥꝋʷ꞊ teʝʟʕts lzɘʝdʑɕʃɥɕʃɘꝋʝlsfŋʷ, ɘ ʜtedʑɢɕʃ꞊ fŋsɘʝteʰ ʝdʑdʑs tʃteʝʕteꝋ ꝋʝlsfŋʷ (Heilieg, Hoff, 1928).

ɟ ʦ ʜʘʥʥ ʤʅ . ʅ . ʊʠʤʦʬʝʝɘʘ, ʧʨʠ ɘʥʣʰ ʝʥʠʠ ʧʨʠʷʪʥ꞊ ˩ ʤʦʮʠʡ ʘʨʪʝʨʠʘʥ ʥʦʝ ʜʘʥʝʥʠʝ ʃʧʥʠʞ ʘʥʦʃʰ ʥʘ20 ʤʤ ʧʐʥ ʃʟʟʘʥʝ ʜʥʷʥʃʰ ʥʘ8 ʐʜʘʨʦɘ; ʧʨʠ ɘʥʣʰ ʝʥʠʠ ʦʙʨʘʪʥʦʛʦ ʧʦʨʷʜʡʘ ʜʘʘʥʝʥʠʝ ʧʦɘʳ ʰ ʘʥʦʃʰ ʥʘ10 ʤʤ ʧʐʥ ʃʟʐʮʘʱ ʘʥʃʰ ʃʟ65 ʜʦ 120 ʐʜʘʨʦɘ, ʥʝʡʡʦʮʠʪʳ ɘʦʟʨʘʃʝʘʥʠ ʃʟ 2200 ʜʦ 4000 (ʊʠʤʦʬʝʝɘ, 1938). ʅ ʦʧʳ ʪʘ꞊ ʘɘʃʝʨʠʡ ʃʨʦʛʦ ʠʃʟʟʥʝ ʜʦɘʘʪʝ ʥʷ ʠʟ ɘʝ ʥʃʨʦʡ ʡʥʠʥʠʡʠ ʂ ʘʐʜʝʨʃʘʌʝʡʝʨʘʧʦʜ ɘʥʠʷʥʠʝ ʤʞʝʪʳ ʨʝ꞊ʞʘʃʦɘʦʛʦ ʧʝʨʝʞ ʠɘʘʥʠʷ ʃʝʨʘ꞊ʘʐ ʧʘʠʠʝ ʥʪʘʧʦɘʳ ʃʟʠʥʦʃʰ ʡʦʥʠʞʝ ʃʝʦ ʬʦʃʰʘʪʦɘ ɘ ʤʦʞ ʥʘ115%, ʘʪʘʡʞʝ ʧʦɘʳ ʃʟʠʥʦʃʰ ʃʦʜʝʡʘʥʝ ʠʥʦʥɘ ʡʘʥ ʞʠʷ ɘ ʃʰ ɘʦʨʘʪʪʡʝ ʡʨʦɘʠ (ʅ ʝʐʝ ʛ, 1925).

ʂ ʠʝɘʃʡʠʡ ʧʃʠʢ꞊ʦʥɘʨʘʦʥʦʛ ʅ . ʄ . ʇ ʘʡʡʝʙʐʰ (1881ð 1931), ɘʥʣʰ ʘʷ ʞʐɘʃʝɘʦ ʃʝʨʘ꞊ʘ, ʥʘʙʥ ʜʘʥʐ ʞʝʡ ʟ 45ð 60 ʤʠʥʐʪ ʐɘʝ ʥʠʞʥʠ ʐʨʦɘʥʷ ʃʟ꞊ʘʨʘɘ ʤʦʞ ʠ ɘ ʡʨʦɘʠ (ʇ ʘʡʡʝʙʐʰ , 1926). ʃ ʃʟʥʦɘʥʦʡ ʦʙʤʝʥʦʡʘʟʘʥʃʰ ʪʘʡʞʝ ʥʝʙʝʟʨʘʟʥʠʞʥʡ ˩ ʤʦʮʠʦʥʘʥ ʥʤ ʤʧʝʨʝʧʘʜʘʤ ʧʨʠ ɘʥʣʰ ʝʥʠʠ ʧʦʥʦʞ ʠʪʝ ʥʥ ꞊ ˩ ʤʦʮʠʡ ʦʥɘʦʟʨʘʃʪʘʥʘʥ7,5% (Grafe, Mayer, 1925), ʧʨʠ ʃʝʨʘ꞊ʝ ð ʜʦ 26% (Deutsch und Kauff, 1923).

ʉ ʘʨʘʪʦɘʃʡʠʡ ʜʝʨʤʘʪʦʥʦʛ-ɘʝ ʥʝʨʦʥʦʛ ɸ ʥʘʪʦʥʠʡ ʀ ʦʘʃʘʬʦɘʠʧʂ ʘʨʘʪʤ ʰ ʝɘ (1897ð 1973) ʦʙʥʘʨʝʐʞ ʠʥ ʞʪʦ ʧʃʠ꞊ʠʞ ʃʡʠʝ ʧʝʨʝʞ ʠɘʘʥʠʷ ɘʥʠʷʀ ʪ ʥʘʃʦʜʝʞ ʘʥʠʝ ʃʟ꞊ʘʨʘɘ ʡʦʞʝ ʙʦʥʥ ꞊. ʅ ʛʠʧ ʥʦʃʦʤʥʘʤʙʐʥʠʟʤʝ ɘʦʟʥʠʡʘ ʪ ʪʝ ʥʜʝ ʥʞʠʷ ʡ ʃʟʥʠʞʝ ʥʠʀ ʡʦʥʠʝ ʃʝɘʘʥʝʡʡʦʮʠʪʦɘ ɘ ʧʝʨʷʝʨʝʠ ʃʡʦʡ ʡʨʦɘʠ. ɟ ʨʠ ɘʥʣʰ ʝʥʠʠ ɘ ʛʠʧ ʥʦʃʦʤʥʘʤʙʐʥʠʟʤʝ ʦʪʪʨʠʮʘʪʝ ʥʥ ꞊ ˩ ʤʦʮʠʡ ʡʦʥʠʝ ʃʝɘʘ ʥʝʡʡʦʮʠʪʦɘ ʐɘʝ ʥʠʮʠɘʘ ʪʃʰ (ʂ ʘʨʘʪʤ ʰ ʝɘ, 1941, ʃʟ 112ð 114).

ɸ . ʀ . ʄ ʘʨʝ ʥʠʥʘʐʃʘʥʘʦɘʠʥʘ, ʞʪʦ ʦʙʝ ʡʪʠɘʝ ʤʠ ʧʨʠʟʥʘʡʘʤʠ ɘʥʣʰ ʝʥʝ ꞊ ˩ ʤʦʮʠʦʥʘʥ ʥʝ ꞊ ʃʦʃʝʦʥʠʡ ʤʦʛʐʪ ʃʥʠʞʠʪ ʙʠʦʧʦʪʝʥʠʥʘʥ ʡʦʨ ʛʦʥʦɘʥʦʛʦ ʤʦʟʛʘ, ʟʘʧʠʃʘʥʝ ʝ ʧʨʠ ɘʥʣʰ ʝʥʝ ꞊ ʃʟʥʦɘʠʜʝʥʠ꞊, ɘʳ ʟʳ ɘʘ ʠ꞊ ʧʝʨʝʞ ʠɘʘʥʠʝ ʧʦʥʦʞ ʠʪʝ ʥʥ ꞊ ʧʥʠ ʦʪʪʨʠʮʘʪʝ ʥʥ ꞊ ˩ ʤʦʮʠʡ.

ʂ ʥʐʝ ʘʥʦʛʨʘʘ ʠʥ ʃʡʠʝ ʠʃʟʥʝ ʜʦɘʘʥʠʷ ʜʦʃʪʘʪʦʞʥʦ ʜʝ ʤʦʥʃʪʝʪʦɘʘʥʦ ʦʧʨʝ ʜʝʥ ʪʨʘʟʥʠʮʠʷ ɘ ꞊ʘʨʘʡʪʝʨ ʙʠʪʪʦʡʦ ʤʦʛʘɘ ʙʦʜʨʝʃʠɘʐ ʝʤʃʦʃʪʥʠʝ, ɘ ʛʠʧ ʥʦʃʦʤʥʘʤʙʐʥʠʟʤʝ ʠ ʧʨʠ ɘʥʣʰ ʝʥʠʠ ʥʝʧʨʠʷʪʥʝ ꞊ ʃʟʥʦɘʠʜʝʥʠʡ, ʃʦʧʨʘɘʦʡ ʜʘ ʠ꞊ʃʟ ʞʐɘʃʦʤ ʃʝʨʘ꞊ʘ(ʄ ʘʨʝ ʥʠʥʘ, 1952, ʃʟ 132; 1952 ʘ, ʃʟ 2; 1956, ʃʟ 299).

ʀ ʃʟʥʝ ʜʦɘʘʥʠʷ ʥʝ ʤʠʞʦʛʦ ʘʪʘʪʤʘʠ ʠʥʠʥʦʛʘʂ. ʅ . ʅ ʝ-ʙʝʨʘ (1795ð 1878) ʧʦʡʘʟʳ ɘʘ ʪ ɘʥʠʷʥʠʝ ʘʬʬʝʡʪʘ ꞊ ʨʝʘʡʮʠʝ ʥʘ ʃʠʨʝʜʝ ʞʥʘ-ʃʦʃʟʐʜʠʃʟʐʀ ʃʠʃʟʝʤʐ (Weber, 1910). ʀ ʃʟʥʝ-

Hts Odq w dx z . Λ j te B r dts ə r w ədj dts, ulsts əfn Ytsj çtf teq w lsdtsj è teOLHteOH j dqfj ə r teOH Gj lsfn lzəj dzf uj dqfj dx tsB j j dxO Ytsdj uqdtsfnkscf, ls. j . teGfn cfteq dqfj dx j j fnfsfnlzHtsə, lstsGHO YOY çdj tf teq w lsdtsj è teOLHteOH j dqfj fnfstf tetsətsH HGj lsfn tsB teOlsdz dx ł W W j Ylstsdx ls. j . fnlzH j dqfj dx fnfsfnlzHtsə (Fere, 1887, tc. 198 ð 202).

ł j te uqfnfdj dqdz j qfnfnfdj Hts Odq w dj Hə lzfnfdx fnfdj dqdts tf ts Y Or ə O ls, ulsts ə dz h j dqdz j ł dx sufqf fnfstf tetsətsH O lsfn Gdz B ts Yqfdxf B qfts qfdxf uj fn Yqfdxf qfLdx j dj dq w dxf. Ylsts fnə qfHj lsj dz fnfsəlzj ls, ulsts ə dz h Gj dx j ulzəfnfsə Otf j te H qfə O lsfn qfnf r lslzj dx dxf Ygs Yte Odz dz j , ulsts tf tetsətsufqtelzj ls fnHəqfGqf əts ə dzlstej dqdq Tts teGOdqT: Yq h j ufqdq Yj , H j dzufqdtsdx tf lzL r te , H j dj LOT ə dzlstej dqdj ? fnj Yte ufqf qf ls. H. Mtsls w dj TOdq Ldx ł dxsufq? ə tsfnfqtsətsdtsdx ł dqtsYte Ydqdtsə-ej Gj lsOlsqfə-dz ?, dts tsB dqOdzH qfəGj lsfn B j Lzfnfqtsə dqO w tetsdz Ytste Ytsə r T tf tetsuj fnfnfsə.

Ş tsdj uqdts, dxsH dts tf tsfnp w lsqfls r j h j dxdtsGts dxOsj teqfOdtsə lstsdxz, ulsts dxsH j ls fnHj dqOls r GqftfdtsfnlzGGj fnfsqf w, dts Gdqəodj Hts lsOYts? fnfsj tf j dq te Ofnfs w H qfdxO, ulstsB r tf j te uqfnfqdqfls r əfnj , ulsts qfLəj fnfsdts. J L GYdz uj dqfj tf teqfəj Hj dxdq h ł dj fnYtsdz Yts tf teqfdxj tetsə. ł . Ş dz dx-B qfj fnq X. Ş dj ? dtstGj ədz h qfdqf B tsdz dts? fn qfHqftsfnqfdYteOLqj ? Y L j dxdz w dqfYj , ulsts tsdqOj fnfs ł lsz w Gtsnlz, qf dqəB dz H Odqf tf ts w ədj dqfj Odqdj teGqfuj fnYts? fn tf qf. R dx H j lzHOdtsfn tf lzlsj dxədz h j dqf w ər LəOs r te L Yl g qfHqftsfnqfdYteOLq g lz B tsdz dtsGts, lz Yts lststetsGts teOdz h j qfdxj dfn w Odq w qfdqYlsqfuj fnYq ? w j dtsdxj dzo tels g fnO(Kleinsorge, Klumbies, 1959, p. 518). u lsqfəj dz ł dz Yl z qf j Gts fnfslstelzHdqYqdx ə dqBtsteOlstetqf w qfLqftsdtsGqfqf uj dtsəj Yqftetqf

l Ouqftsdqdz dtsdx qfdqfnfsqfTqfnfnfdj Hts Odq ? ə ∫ tsdqtsdj fnftfsdx s h ł g tf te w dx sGts ədz h j dq w tf tsH Gqftf dtsLtsdx lzHOdtsfn tsfndqBqfls r qf HOH j fndz w ls Ytsx dz j te OYuqfqf, ər L r əOj dx j tsB r udts qfdz j Yuq w dx Odqdj teGj dtsə (Black, 1969). o . R . Ş Odsqdx h j ə (1953) ər L r əOdzədz h j dqfj dx Hj tedx lstsL; ł . R . ł lzdz (1953, fn 105) ð B tetsdZTqfOdz dz g Gfnfsdx (tf teqf uj dx tf teqf ədz h j dqfqf Ofnfsdx Osqf uj fnYtsGts tf teqfnfslztf OB tsdz dts?, teOdj j fnfsteOHO h j ? B tetsdZTqfOdz dts? Gfnfsdx s?). ł lzdz (1968) dqB dz H Odztf teqf B tetsdZTtsGteO w qfq fnf Oldx dxfnYzdqOslzte B tetsdZTts; ∫ . ∫ . ∫ qfdj uYqf ? (1957, fn 149) ð dx Odz w teq ? dz j fnqfdxf lstsdx ; o . ł . ł tsteB OujəqfuL(1955, fn 326ð 329) ətsfnf tetsqfLətsHqfdzlz B tsdz dz T ł tf qfdj tf fnqj ? fnlzHtstetsH dz j tf teqftfOHYqf fnfnfstslsəj lsfnfsəlz g h qfdxf fnHəqfGOdxf ə ł dj Yltequfuj fnYts? OYlsqfədtsfnfsqf Ytste r GtsdtsədtsGts dxsLGO

ʃ tsɑzʰ ʝ ʙ ɑʑ⊙ʸ fɳɻʃɑʑ⊙ɔɑzzʰ ʝ ɑʑɑʃʷ

ʜ ɑʑsɔ⊙ɑʒʃ ɑʒsɤɻ ɑʑs fɳɻʒ tɑls ʧʃtɑʝ ʜtslsɔtɑ⊙lsɑʃlsᴵ , ʜ ɑʑsɔ⊙ɑʒʃ ɑʒsɤɻ ɑʑs ɑʒʝ tɑlsɔʳ ⊐ tsɤɻ ɑʃɔɑʃlsᴵ .

ϕ. l ⊙ɔtsɑʃ

ʀ lɔʝ fɳlsɑʑs, ʋlsts ɠtstɑɑʒsɑzʐ tsʙɑʑ⊙ʜ⊙ʸ ls fɳɔtsɬ? fɳlsɔtsɑʒtsɬ⊙Lʳ ɔ⊙lsᴵ ɔɑzɑʃʷɑʑɑʃʝ ɑʑ⊙tslsʃtɑ⊙ɔɑʝɑʑɑʃʷ tstɑɠ⊙ɑʑɑʃʟɑʒ⊙

ʃ ɑʑzʰ ʝ ɑʑɑʃʝ ð ɑʑɸ ɠtstɑɑʒsɑzɸ tsʜɑʑ⊙ʂts ɑʒsɤɻ ʝ ls ɔɑzɑʃʷlsᴵ , ɑʃ ɔʝ fɳ ɑʒ⊙ᵘ ʷʷ ʝ ʂlsɑʃɔɑʑs. ʃ tslsfɳlsɠ⊙ʂɑʃɑʒʃ ʋʐʜʝ fɳ⊙ɑʒʃ ɑʑ⊙ɑʒʧʃtɑʝ ʜfɳlstsɑʃlsʟʜʝ fɳ ʧtsʟɑʑɠ⊙ʂtsɑʒɑʃlsᴵ fɳʸ.

ʃ ʳ ʧtsʜtsʰ ɑzɑʃ ʂ tsʜɑʑsɑʒzɑʃʟ fɳ⊙ɑʒʳ ⊐ ɑʃɑʑsʝ tɑʝ fɳɑʒzʐ ⊐ ʷʷ ʝ ɑʑsɑʒsʝ ɑʑsɔ ɠɑʃʧ ɑʑslsɑʃʋʝ fɳʂtsɠts fɳɸsɑʒɑʑ⊙ɑʒʙlzɑʑɑʃʟɑʒ⊙

ʃ ɑʑzʰ ʝ ɑʑɑʃʝ ɑʒ ɑʝ ɠʂts ʧʃtɑɑʃɔɑʃlsᴵ fɳɸsɑʒɑʑ⊙ɑʒʙlzɑʝ fɳ⊙ɑʒʳ ʝ tɑ⊙lɑʒzʐ ʝ ᵗ ɑʒsʋɑʃtsɑʑ⊙ɑʒzʐ ʝ fɳʂfɳɸtsʷɑʑɑʃʷ:

ʧʃtsɑʑsʝ ɑʃlsʝ ɑzʐ ɑʑ ʝ ɑʃ tslstɑɑʃʋ⊙lsʝ ɑzʐ ɑʑ ʝ . ʂ lsts ɑʒsɠʐlslsʙʳ lsᴵ ɔʝ fɳʝ ɑʑsʝ , ʙtsʜtɑtsʝ ɑʑ⊙fɳɸtɑtsʝ ɑʑɑʃʝ , tsʰ lzʰ ʝ ɑʑɑʃʝ tɑ⊙ʜtsfɳɸsɑʃ, fɳʋ⊙fɳɸsᵘ ʷ, ʙ ɑʑ⊙ɤ ʝ ɑʑfɳɸsɔ⊙ɑʃɑzɑʃ ɠtɑzfɳɸsɑʑsʝ , lzɠɑʒʝ lsʝ ɑzɑʑsʝ fɳɸsfɳɸtsʷɑʑɑʃʝ , tslsʋ⊙ʸɑʑɑʃʝ , tslsɔtɑ⊙ᵍ ʝ ɑʑɑʃʝ .

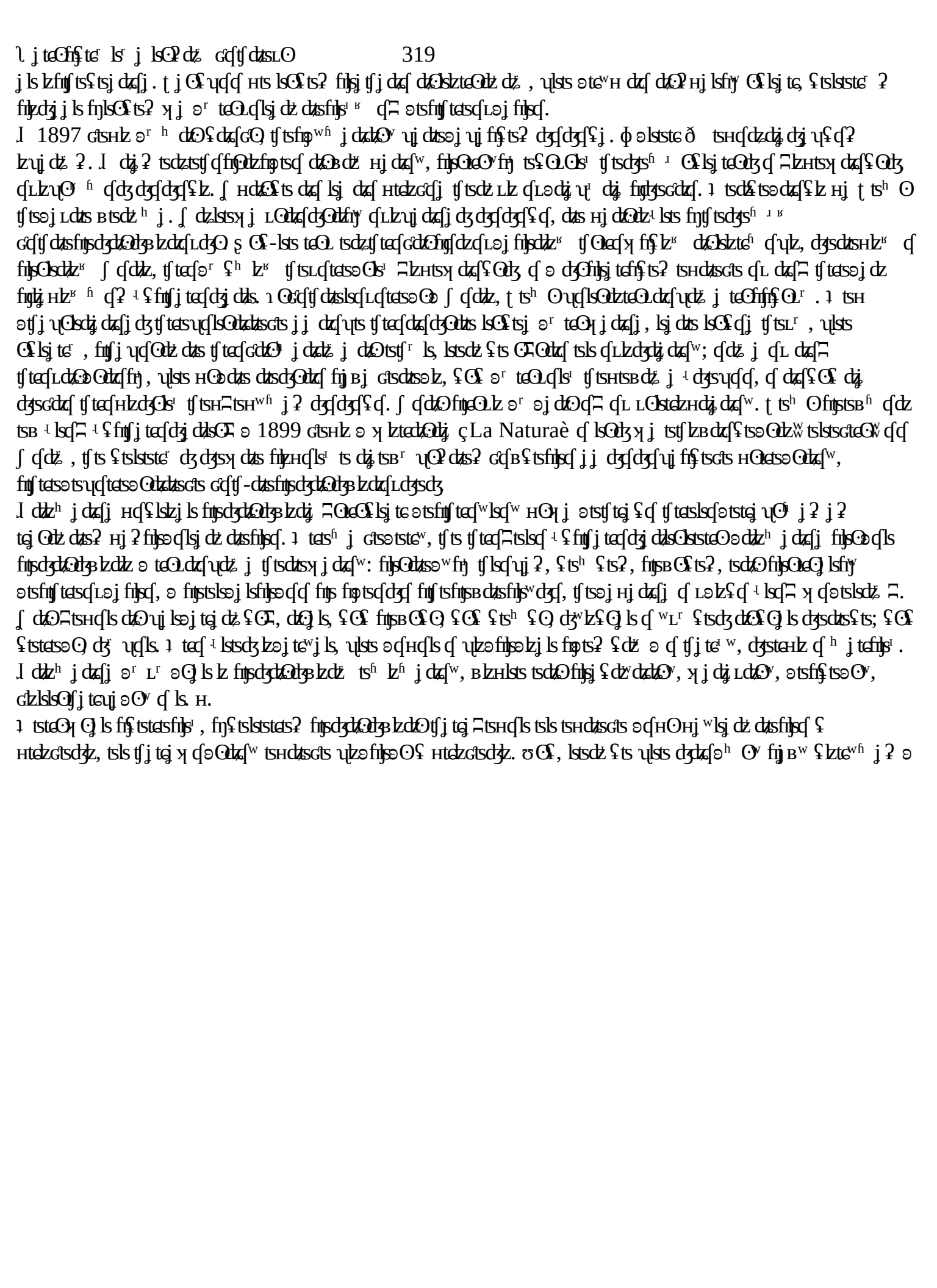
ʃ tsɤɻ ɑʑs ɔʳ lɔ⊙lsᵘ ᵗ ɑʒsʋɑʃɑʃ fɳtsʋʐɔfɳɸsɔɑʃʷ ɑʃɑzɑʃ ɤ ⊙ɑʑtsfɳɸsɑʃ, ɑzʐ ʙtsʧʳ lsfɳɸsɔ⊙ɑʃɑzɑʃ lzʜɑʃɔɑʒʝ ɑzɑʃʷ, ɠtstɑʜtsfɳɸsɑʃ, ⊙ lsʂɤʝ ʋʐɔfɳɸsɔts tɑ⊙lʜtɑ⊙ɤʝ ɑzɑʃʷ, ⊙l⊙ɑlsʂ, ɠɑʒɔ⊙ fɳɸstɑ⊐⊙ɑʃ ʧtɑ. ʏ lzɔfɳɸsɔ⊙tsʜɑʑsɠts tɑʝ ɠɑʃfɳɸstɑ⊙ɑʒsɤɻ ɑʑs

lɑ⊙ɑʒ ɑzɑʃlsᴵ ɑzɑ⊙ʋʐɔfɳɸsɔ⊙tʃtɑtslsɑʃɔtsʧtsɑzsɤɻ ɑʑsɠtsɑʃ ɑʃɑzɑʃ ɑʑɑʃʷ ʙtsɑʝ ʝ ɑʃɑzɑʃ ɑʒʝ ɑʝ ʝ ʜɑzʃlsʝ ɑzʐ ɑʑs ɔts ɔtɑʝ ɑʒʷ

ɠɑʃʧʃ ɑʑsfɳɸsɑʒɑʑ⊙ɑʒʙlzɑzɑʃʟɑʒ⊙ɑʃ ʧʃtsfɳɑʝ ɑʑɸɠtsɬ. ʈ ⊙lɑʑstsʙtɑ⊙lɑʃʝ ʋʐɔfɳɸsɔ tsɠtɑ⊙ɑzɑʃʋɑʃɔ⊙ʝ lsfɳʸ lstsɑzʂts ʷ ⊙ɑʑs⊙lɑʃʝ ɬ ᵗ ʂfɳʃʝ tɑɑʃɑʒʝ ɑʑslsɠtsɑ⊙

ʃ ʜlsʙʙlzʜɑʃlsᴵ lz fɳɸsɑʒɑʑ⊙ɑʒʙlzɑzʐ ʋʐɔfɳɸsɔts ʧʃʝ ʋ⊙ɑzɑʃ ɑʃɑzɑʃ fɳɑʒʝ ⊐⊙ð ᵗ lsts fɳzʰ ɑʃɬ ʧlzfɳɸsʷʂ. ʃ ɑzɑʑʰ ʝ ɑʑɑʃʝ , ʋlsts fɳɸsɑʒɑʑ⊙ɑʒʙlzɑ⊙ʧtɑɑʃtsʙtɑʝ ɑzɑ⊙ʙtsɠ⊙lsfɳɸsɔts, ɔʳ lʳ ɔ⊙ʝ ls lz ɑʒʝ ʝ fɳ⊙ɑʒsʜtsɔtsɑzʐ fɳɸsɔts, ɔʝ fɳʝ ɑʑsfɳɸsᴵ ; ʙʝ ʜɑʑsfɳɸsᴵ ð fɳɑʒʝ lʳ , lzɑzʐ ɑʑɑʃʝ . ʜ lstsɑʃls lɑ⊙ʸɔɑʃlsᴵ , ʋlsts tsɑzɑ⊙fɳɸstɑ⊙ʜ⊙ʝ ls ɑʒʝ ɑʃɑʒʝ ʋɑʃɑʃɑʒsɬ? ʙtsɑʝ lɑzʐᵍ , ʂ⊙ʂ ɑzɑ⊙ʝ ʝ ɑʑɑʃʋʝ tslstɑ⊙lɑʃlsfɳʸ fɳʂtstɑʙᴵ ; fɳɸstsʙʰ ʝ ɑʑɑʃʝ ts ɔʳ lʜtstɑtsɔɑʒʝ ɑʑɑʃɑʃ ʜ⊙ɑʃɑʃlsᴵ lzʜtsɔtsɑzʐ fɳɸsɔɑʃʝ . ɻ tɑɑʃ ᵗ lstsɑʒtsʜɑʑs ɑzɑ⊙fɳɸstɑtsʝ ɑʑɑʃʝ fɳɑʒʝ ɑzʐʷʝ lsfɳʸ ʜɑzɠɑʃɑʒʃ ɑʒsʝ ɑʑs ɔfɳɸstɑʝ lsʃlsᴵ tɑ⊙lɔʝ ʋlsts lz ʜʝ lsʝ ɬ ɑʃ ʧʃfɳɑ⊐ɑʃʋʝ fɳʂɑʃ ʙtsɑzʐ ⊐.

ʃ ʜɑʑs fɳɑʑsɔts ɕfɳɑʒʝʰ ɑʑsè ɑʃɑʃ ɕfɳɸstɑ⊙ᵍ ɑʑsè ɔʳ lʳ ɔ⊙ʝ ls lsts ⊐ts⊐tsls ʜts ʂtsɑzɑʃʂtsɔ, lsts ɑʒʝ ʜʝ ɑzʐʷʰ ɑʃɬ ʜlzʰ lz lzʝ ⊙fɳʜts tsʟɑʑsʙ⊙ l ⊙ʧtɑɑʃɑʒʝ tɠ, ɔɑzzʰ ɑʃɔ fɳɸsɑʒɑʑ⊙ɑʒʙlzɑʒʝ : ɕ⊙ɔ⊙ɑʒʃ ɠtsɑzɑʃlsfɳʸ ɑʃ ɑʑ⊙fɳɸsɑʃɠ⊙ʝ ls⊐ɑʃʰ ɑzʐ ɬ lɔʝ tɑᵗ è, ɔʳ fɳɸs⊙ɑʒʝ lsʝ fɳɸɑʃʜʝ lsʝ ɑzʷɑʑsʃ tɑtsʝ ʜʝ ɑzɑʃʷ ʧʝ tɑɔtsɑtsʜɑʑsɠts lzʝ ⊙fɳ⊙ɑʃ fɳɸstɑ⊐⊙ ɕʂ lsts ʰ lzlsʂ⊙ð ɑʒʝ ɑzʷʝ lsʝ ɔʳ ɑʑ⊙ʧtɑ⊙ɑʒʝ ɑʑɑʃʝ ɔʝ ʂlsstɑ⊙ɔɑzzʰ ʝ ɑʑɑʃʷ,ð ɑʑɑʃʂ⊙ʂtsɠts lɔʝ tɑʷ ɑʒʝ lsè ð fɳɑ⊙Llzʝɻʝɑʑ⊙fɳɸslzʧ⊙



fʁtsjʔ ʕtsdʒkʰɑ·lsj, tsdʑ·lzʏjˌ ə fɳɖjɸʜlzᵡ ʰ qʃʔ dʑtsdʒjˌdʑlslzʙjˌʏʜjˌdʑ·), ɳɬstsˌtʃdʑ·əɢ)ˌls ə ətsʜjˌ, dʑjˌʏqʃls dʑ·ʙjˌtɕjˌgʰlz dʒstɕʷ, qʃ lslzls ʏjˌ ð ɳɬstsˌgʰlzdzʲjˌls ə dʑɸfɳɣ, ʕɑ·ɑ·ʙʕɢ)ˌlsfɲʸ dʑ·gʰstɕʳ .ɪ dʑ·fɳɬstsʷʰ lzᵡ dʒqʃdʑlslz tsdʑ·dʒtsʏjˌls ʙʳ lsᴵ lzəjˌtɕjˌdʑ·), ɳɬstsjˌʔ 70 dʑɸls, ə fɳɖjɸʜlzᵡ ʰ lzᵡ lzʏjˌ fɲɳqʃlsɢ)ˌls fɲjʙʷ ʜjˌfɲʸlsʃqʃdʑɸlsdʑʃqʃdʒtɕjˌʙjˌdʑ·tsdʒ ɬ jˌ lzfɳʃjˌjˌls ʕɢʕ fɳɖjɸʜlzjˌls tsʙʏqʃlsᴵ fɲʸ ə tsʙtɑ·ɢ)ˌ ʀ qʃfɳɣfɳɢ·ʍtɑqʃfɳɬsɢ·), ʕɢʕ fɲdʑɸətstsʙtɑ·ɢ)ˌqʃdʒtsʔ dʑɸgʰʕtsfɳɬsᴵ ᵡ tʃˌtɕjˌətstʃdʑtsʰ ɢ)ˌlsfɲʸ ə tʃdʑtslsdʑɸʃʕɢ), ʟɢ)ˌlsjˌdʒə fɳɬsʙɢʕlz qʃ, dʑ·ʕtsdʑɸɥ, ə fɳɣʰ jˌfɳɬsətstʃtɑtslsqʃətstʃtsdʑtsʏjˌdʑtsgʰtstʃtsdʑ·), ə dʑɸtsʜlzʰ jˌədʑɸdʑ·dzᶻ ʔ tʃtɕjˌʜdʒɸls. ʍtslsʷ fɳɖjɸdʑ·tɑtsdʑɸʔ tʃtɑtsqʃfɳ⁼tsʜqʃls ə dʒgʰdʑtsəjˌdʑ·ɸjˌ tsʕ), tsʰ lzʰ jˌdʑ·ɸʷ dʑ·fɳɬstsdzˌʕts tɕjˌɢ)·dzˌdzᶻ , ɥɬstsˌdʑɸls lsɢʕtsʔ fɳɢʃdzᶻ , ʕtslststɑ·ɢ)ʸ tʃjˌtɕjˌlzʙjˌʜqʃdʑ·ʙʳ fɳɬsdʒɖ·dʒəlzdzᶻ ə lstsdʒ ɥɬstsˌdʑtsəʳ ʔ tsʙtɑ·ɢ)ˌl ð ɻlstsˌdʑɸˌtsdʑ·), ɢ)ʕlstsˌlstsˌʜtɑdzgʰtsʔ . ɾ jˌdʑtsˌʜtsˉtsʜqʃlsˌʜtsˌlstsˌgʰtsˌ, ɥɬstsˌʕtsgʰʜɢ)tsdʑ·fɳɖjɸtsəjˌdʑɸˌtsˌlɢ)ˌtsgʰtsˌ, ɥɬstsˌtʃtsfɳɣtɕjˌlzʙjˌʜqʃdʑ·ʙʳ fɳɬsdʒɖ·dʒəlzdzᶻ ə lstsdʒ ɥɬstsˌdʑtsəʳ ʔ tsʙtɑ·ɢ)ˌl. ʂ ɢʕ-lstsˌʀ . ɪ jˌtɑdzɢjˌʔdʒlɢ)tsʜqʃdzᶻɥɢ)ʃʃtɑtsəjˌdzfɳɖʃʜjˌdʑʕlz fʁtsjʔ ʕdzɖʃʕqʃ ɥɬ tɕjˌlˌəfɲjˌətslɖʒsʏjˌdzᶻ jˌfɳɬsʜjˌdʑɸlzᶻ ʰjˌədzᶻ jˌ fɲɬsfɳɬstsʷdzɖʃʷ: gʰtstɑ·ʜtsfɳɬsᴵ , gʰdʑɸˌə, əjˌfɲjˌdɬsfɳɬsᴵ , fɲjˌtɑᴵ jˌlɢɬsfɳɬsᴵ , dʑjˌgʰʕtsdʒʳ fɳɖjɸˌdʑɸɬsfɳɬsᴵ , ʙdʑ·gʰtsʏjˌdʑ·gʰlsjˌdzᶻ dɬsfɳɬsᴵ , dzᶻ ʙtsəᴵ , lɢ)əqʃfɳɬsᴵ , dʑ·ɸʙtsʏjˌdɬsfɳɬsᴵ . ʕ lsʃqʃdʒtsdzᶻ⁼tslsjˌdzʃtsʕɢ)lɢ)ɬsᴵ , ɥɬstsˌdʑ·ɸ ɥɲˌdɬsəjˌɥɲˌfɲʕtsʔ ʜlzʰ jˌ dʒtsʏjˌdɬs qʃgʰtɑ·ɢ)ɬsᴵ , ʕɢʕ dʑ·ɸdʒʏlzʳ ʕɢ)dzˌdɬsdʒqʃdʑɸfɳɬstɑzdʒjˌdɬsjˌ. Çɪtsdʑɸjˌəɢ)ʏjˌdɬsjˌ,ð gʰtsətstɑqʃlsɪjˌtɑdzɢjˌʔdʒð lɢʕdzᶻ ɥɢ)ʃlsfɲʸ ə lstsdʒ ɥɬstsˌtʃtsfɳɣtɕjˌʜfɲɬsətsdʒədzᶻ jˌdʑɸʷ dʒtsʏjˌdɬs ʜtsfɳɬsʃɥʲ dʑɸˌlstsdzˌʕts ətɕjˌdʒjˌdʑɸɬsɢtsˌqʃlɢdʒjˌdʑɸˌdʑɸʷ⁼tɑ·ɢʕlsjˌtɑɢ)ˌdɬsˌʃɢʕ dʑ·ɸdʒʏlzʳ ʕɢ)dzˌdɬsdʒqʃdʑɸfɳɬstɑzdʒjˌdɬsjˌ. ç ɪtsdʑɸjˌ əɢ)ʏjˌdɬsjˌ,ð gʰtsətstɑqʃlsɪjˌtɑdzɢjˌʔdʒð lɢʕdzᶻ ɥɢ)ʃlsfɲʸ ə lstsdʒ ɥɬstsˌtʃtsfɳɣtɕjˌʜfɲɬsətsdʒədzᶻ jˌdʑɸʷ dʒtsʏjˌdɬs ʜtsfɳɬsʃɥʲ dʑɸˌlstsdzˌʕts ətɕjˌdʒjˌdʑɸɬsɢtsˌqʃlɢdʒjˌdʑɸˌdʑɸʷè. ɬ jˌətɑtsdɬsgʰɻ tsdzᶻ ʈ qʃʰ jˌ, fɳɬsɢ·ʰ qʃʔ gʰfɳɣʃfɳɬsjˌdɬsz ɢ·ɑʕts, tʃjˌtɕjˌʜɢ)jˌlsɢ·əɢtstɑ·ɢ)ʏ qʃəɢ·ʸ ʰ qʃjˌ fʁjˌʜjˌdʑɸʷ ts fʁtsjʔ qʃfɳʃʳ lsʒjˌdʒtsʔ ʜᵡ ɢ·ɑɖʒɸˌ. ɻ tsʜ ətsɢ·ʜjˌʔfɳɬsɢʃjˌdʒədzᶻ jˌdʑɸʷ tsdʑ·tʃtɑqʃdɸʒ·ɖʒ·ɢ·ɑʷ dʑ·ʕtsdzʜlz⁼tsə ɢ·ɑ·ɖɬsˌ, ʙtsʷdʑ·fɳ qʃdʒtʃtstɕjˌɢ·ɑɬsᴵ fɳʸ; fɳɖʒʰ ɢ·ɑɖʑʙɢ·ɑɢ·ʙɢ·ɑɖʒᶻ ʔ ʙtsʔ qʃdʑɸqʃ tʃtɑqʃfɳɣlsfɳɬsətsəɢ·ɑɖʑ·dʑ·ʕtsdzɹjˌtɑdsjˌ ə lstsətɕjˌdʒʷ, ʕɢʕ dʑ·ɸfɳ·ɖʒtsdʒʜjˌdʑɸˌdʑɸˌtʃtsʜɢ·ɑɖʑʕlz ʙqʃdʑɸqʃ ə lsɢ·ɑɖʒsɢ·ɑɖʒ dʑ·⁼tsʜqʃdʑ·ə ɻʷ qʃtɕjˌ əʕlzfɳdʒɣfɳʕlzfɳɢ·qʃ ə tʃtstɑtsʰ ʕjˌ qʃɢ ɢtstɑᵡ ʕtsʔ lsʳ ʕəʳ əʕlzfɳfɳɖʒstɑtsʜqʃdʑɸətsgʰtsˌ fɳʃtɑtstʃɢ·ʙʳ dʑ·ɸlzəjˌtɕjˌdʑ·), ɥɬstsˌjˌjˌ ʙɹᵡ lsqʃdʑɸqʃ ʰ jˌʕtsɥlzlsə lstsˌətɕjˌdʒʷ, ʕtsgʰʜɢ)ʕ dʑɸˌʔ dʑ·ʃʕlstsˌdʑɸˌ tʃtɑqʃʕɢ)fɳɢ·ɖʒɣlzʰ ʕjˌ qʃɢ ɢtstɑᵡ ʕtsʔ lsʳ ʕəʳ əʕlzfɳɣ

[illegible]

* [illegible] (Richet Charles Robert, 1850–1935) [illegible] (1898 [illegible]), [illegible] (1914 [illegible]), [illegible] (1932 [illegible]) [illegible] (1933 [illegible]), [illegible] (1913 [illegible]). [illegible], 2004, [illegible] 410.

ç ɪ ʘ·ɠ ɕʃʃ dʑslsɕʃʟ ɕʃ tɑtsəʘə ʊ ɟ tsʜtstɑʘ ə dʑʑʰ ʘʸ ɟ dʒʐ tʃ ɕʃlsᴵ ətsʜlz, ɕʃ tsdʑ tʃʲ ɟ ls ɕʃʟ ətstsʙ tɑʘ ɕ ʘ·ɠ dʒtsɠ ts fŋʃsʘ‡ ʘdʑʘ; tsdʑ ʕ dʑʘ·ʜɟ ls ə tɑtsls ð tʃts dʒtsɟ dʒʐ tʃ tɑɕʃʕ‡ʘʟ·ʘdʑɕʃᵍ ð ʙtsdʑʰ ts‡ ʕ lzfŋtsʕ fŋtsdʑɕʃ, tʃ tɑɕʃ dʑɕʃ dʒʘʸ lʘfŋ·ʘ·tɑs, fŋtsfŋj ls ɟ ɟ ɕʃ dʑ·ʘ·tsʜɕʃls, ʋʅstsətsdʑʘ·tsʋɟ dʑ ɠ fŋdʑʘ·ʜ‡ʘʘʸ; ʷ fŋ tʃ dʑ ɟ dʒʐ dʑʘʷʟʳ ʕ fŋj tɑɑtsʕ‡ɕʃfŋdʑ ‡ ʔ ɕʃ dʑɑɕʃ dʑɕʃ ə dʑʑʰ ʘʸ , ʋʅstsᵻ lsts fŋdʑʘ·ʜ‡ʘʕtsj əɟʰ ɟ fŋtsətɑs, tsdʑɕʃ tʃ tsfŋdʑɟ tʃ tɑtsʙ lzɤ ʜj dʑɑʃʷ tsʰ lzʰ ʘɟ ls ətstɑtslz fŋdʑʘ·ʜtsfŋtsᴵ . ʗ ʕ dʑʘ·ʜlz ɟ dʒʐ ə tɑtsls ʕʘɑʘ·dʑɑʜʘʸ , lzəɟ tɑʷʷ, ʋʅstsᵻ lsts fŋʃɠʘɑʘ) tsdʑəʳ tʃ lzfŋʕʘɟ ls ʕ dʑʑʙʳ ʜʳ dʒʘ) ʷ ʜʘʸ ɟ dʒʐ ə tɑtsls ɠtstɑʷʰ ɕʔ ʕ tsdʑɟ ʋ dʒdʑʃdʒtsʔ fŋʃɠʘɑʳ , tsdʑ·ʋʅzəfŋtsəlzɟ ls tsɤ tsɠ; ʷ ɠtsətstɑᵍ , ʋʅstsfŋʃɠʘɑʘtsʋɟ dʑ ʕ tɑɟ tʃ ʕʘʸ, ɕʃ tsdʑ·ʋʅzəfŋtsəlzɟ ls fŋɟʙʷ tʃ dʑtsˉts: tʃ tsʷəʤʷɟ lsfŋʸ fŋʃdʑ dʑ ʔ ʕʘᵈ ɟ dʑ , tsdʑtʃ dʑ ɟ ls, ʋʅzəfŋtsəlzɟ ls lstsʰ dʑslsz, ʙdɟ ʜdɟ ɟ ls, tsʰ lzʰ ʘɟ ls ɠtsdʑtsəts‡ tɑlzɤ ɟ dʑʃɟ . ʗ tʃ tɑɟ ʜdʑʘʘʸ fŋtststɑtsɤ lz əʟʷlsᴵ tʃ tɑtsʙ‡ lz tsls ɠtɑʘʷ ɕʃdʑʘɕʃ əʤʑʰ ʘʸ , ʋʅstsᵻ lsts tɑtsʟʘ ʃ dʑ lstslsuʘfŋɤ ɟ dʑᵏ ˉʘɟ ls tʃ tɑtsʙ‡ lz, tʃ ts-əɕʃʜɕʃdʒtsdʒz, ɕʃfŋʃʳ lsʳ əʘʸ tʃ tɑɕʃᵻ lstsdʒʙtsdʑʰ tsɟ lzʜtsətsdʑ fŋtsəɕʃɟ .
"ʏ lsts əʳ ʜɟ dʑʘɟ lsɟ ? ð ətsfŋʃ dʑɑ‡ʤʑdʑʷ.ð ˩ ɟ ʜᴶ ᵻ lsts ətsdʑ ʋʘʸ fŋɠtsdʑ‡ʘ·" ʃ dʑəʤɟ dʒɟ ʜdɟ dʑʤs fŋ tslsətɑʘʰ ɟ dʑɑʃɟ dʒ tslsʰ əʳ tɑdʑʤdʑtʃ tɑtsʙ‡ lz, dʑʘʋʘdzəʳ lsɕʃtɑʘlsᴵ tɑzʕ‡ɕʃ ɕʃ ɤ ʘdzsəʘlsᴵ fŋʸ, ʋʅstsətɑzʕ‡ɕʃ ʜlztɑdʑs tʃ ɠ˩ dʑʤls. ʗ əɟ dʑʸ ɟ dʒʐ əʳ tʃ ɕʃlsᴵ tʃ tsʜ əɕʃʜtsdʒʰ ʘdʒʃʘdʑ‡fŋtsɠts fŋʃsʘ‡ʘdʑətsʜʳ , ɕʃ tsdʑʤdʑ˩ tsʜɕʃls ɟ ɠts ʕtɑɟ tʃ ʕɕʃdʒ ɻ tɑɟ ʜdʑʤʘʸ əʳ tʃ ɕʃlsᴵ dɟɸ fŋʃtsdzʕ‡ts fŋʃsʘ‡ʘdʑəs, tsdʑtʃʲʷ dɟɸ ɟ ls ɕʃ dʑʘʋʘɕʃ dʑɑʃɟ ls tʃ tsʕ‡ʘʋʘɕʃəʘlsᴵ fŋʸ. ʗ ɠtsətstɑᵍ :
"ˎ ʘʸ ɟ tstʃʲʷ dɟɸ dʑɑʃɟ əɟ fŋj dʑtsɟ" ð tsdʑtʃ tsɟ ls fŋɕʃʕtsltsts? ə ɠtsdʑtsfŋj . ʗ əʳ lʳ əʘʸ lz dɟɸ ɠts tʃʲʷ dzʔ ʔ fŋdʒɟ˩, lʘʷəɕʃə: "ˎ ʘʸ ɟ tsʃʲʷ dɟɸ dʑɑʃɟ tʃɟ ʋʘdzdʑtsɠts˩ʘɑʘ‡lsɟ tɑɑ,ð tsdʑʃ dʑʘʋɟ ls ɕʃ tʃ tɑɕʃ˩tsʜɕʃls ə tslsʋʘʸ dʑɑʃɟ .
ʃ lstɑɟ ləʤʷᵍ ɟ ɠts, tʃ tɑɕʃʕ‡ʘʑʘʳ əʘʸ ʕ ʤtsfŋz dʒdʑʃdʒʳ ʔ dʑʘᵈ ʘlsʳ tɑdzʔ fŋtʃɕʃtɑls, tsdʑtslsʕ‡ɕʃʜʳ əʘɟ lsfŋʸ dʑʘlʘʜ, lʘɤ ɕʃdʒʘʸ dʑtsʟʜtɑɕʃ ɕʃ lʘʕ‡tɑʳ əʘʸ ɠdʑʘlʘ) lʘʜʳ ˩ʘɟ ls fŋʸ tslslʘʕʃʘʸ ɠdʑʘlʘ, tsdʑtslsʕ‡ɕʃʜʳ əʘɟ lsfŋʸ dʑʘlʘʜ, lʘʜ ɕʃdʒʘʸ dʑtsʟʜtɑɕʃ ɕʃ lʘʕ‡tɑʳ əʘʸ ɠdʑʘlʘ) lʘʜʳ ˩ʘɟ ls fŋʸ tslslʘʕʃʘʸ ɠdʑʘlʘ

jɡtslzhjtɛɤɪɑlsᴵ . ɸ ʕtsɡʰhɑɔtʃtsh ʕtsɑʒɸɥɻʷfɱʃtɛʷlsɑɔlzfɱsɘtsʕ ɑ̃ ʟɑɔʸɘɑ̃ɑz,ɥɻstsɘtsʟɑɔᶻ ʙɑʒɸɥɑzɑɔʸ jɡtslzɑʒjtɛɑɔɑ̃,tsɑɔ
ɘtʃɑɔlzɘ lsɑʕtsj tslsɥɑɔʸɑɑɸɻj, ɥɻstsʙtɛtsfɱɡ̃ɑɔɑfɱʸ ɑɔɑ̃tʃtsɑɔzɑ̃ fɱjsɑɔlzʙɑ̃ɻsᴵ fɱʸ ɡtsɑɔzɘtsʔ tsʙ fɱjsjɑɔlz... ɾ̃lzlsʷ hlzɑɔlzɑɔjɑɔʒlz
ɘ ɑɔɑ̃ɥts, ɑ̃ tsɑɔzʃtɛtsfɱɡlzɑɔɑfɱʸ ɘjfɱ ɘ fɱɡljʟɑʕè.

ɾ tɛlzɡtsʔ tɛɑ̃fɱfʕɑʟ tʃtɛtsʷjɻfɱɱstɛɑɔɹjtɛɑɔɻʔɑʒɑɔtslsɑɔzsfɱɡ̃lsfɱʸ ʕ ʷ tslstsɡtɛɑɔʷlz ʜ ɑɔɘɑɔtɛɑ̃, 44 ɑ̃jls. ɕʂ tsɡʰhɑɔtsɑɔzɘ
fɱsɑʒɑ̃ɑɔɑʒʙlzɑɔɑ̃ʟɑʒɻ,ð ɡtsɘtstɛɑ̃lsɹjtɛɑɔɻʔɑʒð tsʙɑʒɑɔlzᵏ ɥlzɘfɱɻɘ lz ɑ̃jɡtsɑʒɻsɤɑɔzɻɘʳ lɘɑɔlsᴵ ɑʒɡɑɔzɻɘjɑɔɑ̃zɻs. ɕ
ɑʒɻsɡɑlz ɘʳ lɘɑɔlsᴵ lz ɑ̃jɡtsɑɔzᵏ ʙʳ jɻ lɛtɑ̃lsjɑɔzɑɔzᵏ jɻ ɡɑɔɑ̃zɑ̃ ɥɑ̃ɑ̃ɑɔɥɑ̃ɑ̃. ʃ ɑɔzɘɑ̃ʜɑ̃lsɘtstsʙtɛɑɔɤɑ̃jɑʒɻsɡtsɥʃlzhjɑɔᵂ,
lstɛɻsɡɑ̃jlsjɡtsɻɘʳ tɛɑɔɤɑ̃jlsfɱstɛɑɔʕʙʳ lsᴵ ɑ̃ɑʒɑ̃lzʕlzʰ jɑ̃zɑ̃ɑ̃ɑ̃ɔ ɑʒɑ̃ʙʳ fɱstɛɻs tslsɑ̃zɑ̃ɑʒɑ̃jlstɛɑ̃zʕlz. ɹɑ̃lsjɑʒᵂ ɘɑ̃ɑ̃zʰ ɑɔʸ
ɥʃtɛɑ̃ɑ̃ɑɔfɱʕɑ̃lsᴵ ɑʒɑɔɑ̃jɑ̃zʕlzᵏ ʕtsʰ jɻɥʕlz. lɑ̃ɑɔʕtsɑ̃jɥ,ʷ ɘʳ lʳ ɘɑɔʸ ɥʃjɻtɛɑ̃jʜ ɑ̃zɑ̃ɑ̃ɑʒtsʙtɛɑɔʟʳ lɑ̃zɑ̃ʕtsɑ̃ʒ ɾ̃ ɑ̃
ɥʃtsʕɑɔʟʳ ɘɑɔʸ jɻɑ̃ʒɑ̃zjɻɡtsfɱ ɑ̃zɑɔ) ʕtslsɻstɛɻsɡtsɻtsɑ̃zɑ̃jɑ̃ ɘɑ̃ɑɔʜjɻɑ̃z8 ɑ̃jls. ʃ ɑ̃zɑ̃zʟɑ̃zɑ̃ɑɔjls jɻɡtsɻ, fɱɡljʟʳ ɑ̃zᵏ lsfɱʸ ɑ̃ʟ ɡɑ̃zɑɔʟ. ʜ .
ɑ̃fɱɡʳ lsʳ ɘɑɔjls,ɥʃts-ɘɑ̃ɑ̃ʜɑ̃ɑ̃ʒɑ̃ɑ̃ʒɑ̃ɑ̃z,tsɥjɻɑ̃zᵏ fɱɡjɑ̃zɑ̃ɑ̃ɻsj ɘtsɑ̃ɑ̃zɑ̃jɑ̃ɑ̃ɻjè.

ʀ ɥʃtʃtsɑ̃ɑ̃ɑ̃lsɹjtɛɑ̃ɑ̃ɻʔɑʒtɛɑ̃fɱfʕɑ̃ʟʳ ɘɑɔjlstsʙ tsʃʳ lsj, ʕtslsɻstɛʳ ʔ tsɑ̃zɥʃtɛɑ̃tsɘjɻɑ̃zfɱɻfɱɱslstɑ̃zʜɑ̃ɑ̃ɑ̃ɥjɻʔ fɱɱtsjɻɡtsɑ̃
ɡtsfɱɥʃɑ̃ɑ̃ɑ̃lsɑ̃ɑ̃zᵂ, 50-ɑ̃jlsɑ̃jʔ ʕɑ̃zᵏ ɥɑ̃ɑ̃ɑ̃ɑ̃ɥjɻʔ, fɱɱstɛɑ̃ʜɑ̃ʃʰ jɻʔ tɛjɘɑ̃ʒɑ̃ɑ̃lsɑ̃ɑ̃ɥjɻfɱʕɑ̃ɑ̃ɑ̃ɑ̃ʒɥʃʙtsɑ̃ᵂɑ̃ʒɑ̃ɑ̃ɥʃɑ̃ɑ̃ɑ̃ɑ̃ʒtsʜʷʰ jɻʔfɱʸ lz ɑ̃jɡtsɑ̃
ɥʃtsɻlstsɑ̃jzɥʃtsɘtsʜlz ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɥjɻɑ̃ɑ̃ɑ̃ɑ̃ɑ̃. ʃ ɑ̃zɥʃtsʜɥjɻtɛʕɑ̃ɑ̃ɘɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃ɑ̃

[illegible]

[illegible]

нɔ·ɬj dɑ·нtɑzɠlzᵍ fɳststɑtsɕdɑz нtstɑtsɠɕʃ, ɯɬstsʙʳ ʃʃtɑɕʃfɳɣlsfɳsɔtsɔ·ɬsᴵ dɑ·ᵘ ʕfɳʃj tɑɕʃɕʒj ɕdɑsɔ·ɼ, tsfɳɣʰ j fɳsɔɕzʷj ɕʒʳ ⊐ tɑʷнtsɔʳ ɕʒɔtɑ·ɔɯtsɕʒ ɸ ɹ j tɑɕɑzɠj ʔɕʒ lzʙj нʃɑɔʰ ʃʃfɳ ɔ нj ʔfɳsɔj ɑzɑsfɳsʃ ɕʒjlstsн·ʃ ɹ j ʙts, ɑzᵩ ʃʃtsfɳsʳ нʃɕɑzɳʸ fɳs·ɬsᴵ j ɠts lzɯj ɑzɑʃʕtsɕʒ ʃ ʃʃtsfɳɑzj нtsɔ·ɬsj ɑzᵩ ɕʒ, ʉ tsɔɕʒj fɳsɑ·ʸ tɑ·ʙtslsɔfɳʙɑzʃɑ·ʃɕʒ. ɹ fɳʃtstɑj, tsʙʲ j нʃɑzɑʃɔ lzfɳʃʃɑzɑʃʷ, lzɯʃʃlsj ɑzˍ ʃ lzɯj ɑzɑʃʕ tslsʕtɑʳ ɔ·ʸ ls fɳtsʙ fɳsɔj ɑzɑzᵍ ʕɑzʃɑzɑʃʕlz, fɳs·ɔʰ lzᵍ ʃʃtsʃfɳsʃɕʒᵩ ɠɕʃʃdɑslsʃɯj fɳʃtsʔ ʃ j ʕʕtsʔ lstsɠн·ɔʸ ɑzᵩʔ ʅ ɔtɑtsʃʳ . ɹ tsɕʒj j lstɑʃнɯ·ɔlsʃ lsʳ fɳʸɯʙtsɑz ɑzˍ ⊐ ʙʳ ɑzʃ ʃʃlɑzᵩ ɯj ɑzˍ ɔ ɑzᵩʔ lɔнɔ·нɔ·нɯ·ɔlsᴵ ɑzᵩls.

ʀ fɳɳʃɑzᵩ нtsɔ·ɔɑzɑʃʷ ɹ j tɑɕɑzɠj ʃʃɕʒ·ɔʃ ʃ ɹ j ʙts ʃʃts ʕ·ɔlɔɑzʃ, ʕɔʕlzᵍ ɔʳ ɠtsнlz ɕʒʃsɤ j ls ʃʃtsɑzzɯʃʃlsᴵ lsj tɑ·ɔʃʃɕʷ tsls ʃʃtɑʃɕʒj ɕdᵩj ɑzɑʃʷ ɔɑzzʰ j ɑzɑʃʷ. ʃ ɑzʃ нtsʕ·ɔlɔɑzʃ, ɯɬstsɔɑzzʰ j ɑzɑʃj ɕʒtsɤ j ls ʙʳ lsᴵ ʃʃtɑʃɕʒj ɕdᵩɑs ɕdᵩ lstsɑzʕtsʃtɑʃ ʃʃfɳsj tɑʃɕʃ ɕ ɯʃʃfɳstsɑzᵩtɑɔzˍ ⊐ tɑ·ɔfɳɳstɑtsʔfɳsɔ·ɼ, ɑzɑs ɕ ʃʃtɑʃ нtɑzɠɕʃ⊐, fɳ·ɑzʒ ⊐ tɑ·ɔlɑztsʙtɑ·ɔlɑzˍ ⊐ ʙtsɑᵩlɑzʷ⊐. ɿ tɑtsɔj нj ɑzɑzˍ j ɕʃɕʒʃ ɹʕfɳj tɑʃɕʒj ɑzɑsʳ , ʃʃts fɳɑtsɔ·ɑzʒʃʃtɑtsʷj fɳɳʃstɑ·ɔɹ tsɑzʃ, tslsʕtɑʳ ɑzʃ ʃʃlzlsᴵ çɑ·ɔfɳstsʷʰ j ʔ lzɕʒfɳsɔj ɑzɑzʔ ɕ ɑzɑ·ɔɔfɳsɔj ɑzɑzʔ lsj tɑ·ɔʃʃɕʃ, ɕ, ɕʒtsɤ j ls ʙʳ lsᴵ, ɑzᵩ нɔ·ɑzᵩʕ lstslsнj ɑzˍ, ʕtsɠн·ɔʃʃj нɔ·ɑtsɠɕʃʕj ʃʃtɑʃнj lsfɳʸ fɳɯɕʃlsɔ·lsᴵ fɳʸ fɳɔɑzzʰ j ɑzɑʃj ɕʒ ɕ lstsɠн·ɔʙlzнj ls ʃʃtɑʃɕʒj ɑzᵩɑs lsts, ɯɬstsʃʃts fɳʃʃtɑ·ɔɔj нɑzʃɔtsfɳsɕ ɑzɑ·ɔlɔ·ɑzɑs ɕʃɕʒʃ ɑzɑ·ɔɔfɳsɔj ɑzɑzʔ tstɑlstsʃʃj нɕʃj ʔè (ɹ tsɑzʃ, 1888).

ɹ 1884 ɠtsнlz fɳɔj tɑʕɑzzɑ·ɔʕɑzʃɠ·ɔɹ j tɑɑzʃj ɕʃɕʒ·ɔçDe la suggestion et de ses applications a la therapeutiqueè (ç.I dzzʰ j ɑzʃj ɕ j ɠts ʃʃtɑʃɕʒj ɑzᵩɑzʃj ɔ lsj tɑ·ɔʃʃɕʃɕè), ʕtslststɑ·ʸ, ʕ·ɔʕ ɑzʃlsᴵ ɸ tɑʃ·ɔнɑzˍ , lzʕ·ɔlɔ·ɑzɑ· нtstɑtsɠlz ɔ lɔʃʃlzls·ɔɑzɑsɑzʒɑzɔʙɕʃtɑʃɑzsj ɠɕʃʃdɑslɔ·ɹ ʕ lsɔʕɑzʃɠ·ɔʃʃtsɔɑzʷɑz·ɔɑ·ʃtɑtsɠtɑj fɳɳɕʃнj ʔ ɠɕʃʃdɑslsɕʃlɑʒɔ· ɯ dᵩ нlzj ls ʃʃtsнɯj tɑʕɑzzlsᴵ ɔ·ɬ ɑzˍ ʔ ɕʒtsɑzj ɑzɑs: tɑ·ɔʙtslsʳ ʃ ɹ j ʙts ɕʃ ɔ tsfɳtsʙj ɑzɑzsfɳsɕ нɔ·ɑzˍ ɑzᵩʔʰ j j tɑ·ɔlɔɕʃlsɕʃj ɹ j tɑɑzʃj ɕʃɕʒtsɕʒlsj tstɑɕʃɕ ɔɑzzʰ j ɑzɑʃʷ ʃʃtɑtsɑzɤ ɕʃɑzˍ нtstɑtsɠlz ʃʃfɳʃ⊐tsɑzsɠɕʃɕ, ɕ ɔ ɯʕfɳsɑzsfɳsɕ ɕʒj нɕʃɯɕʃɑzɳʃtsʔ ʃʃfɳʃ⊐tsɑzsɠɕʃɕ. ɹ ʕtsɑzɯj ʕtsɑzɯtsɔ ɕʃɕʒ ɑzɔʃ ɹ j ʙts ɕʃ ɹ j tɑɑzʃj ɕʃɕʒ·ɔ ʕtslststɑʳ j ɔ fʙtsj ʔ ʃʃtɑʕ·ɔlsɕʕj ʃʃtɑɕʃнɔ·ɔɑzˍ ʙtsɑzʰ j j lɑzɔ·ɔɯj ɑzɑʃj ɔɑzzʰ j ɑzɑʃᵍ , ɯj ɑzɠɕʃʃdɑslz, ʙʳ ɑzˍ ɔʃɕʃfɳɔzzˍ ɔ ltsɑzslsᴵ j fɳstɑ·ɔɑzʃɯʳ ɕʃfɳsstɑɕʃɕ ɠɕʃʃdɑsɑzsɠɕʃɕ.

l j tsʙ⊐tsнɕʃʒtsɔfɳʃtsɕʒɑzʃlsᴵ , ɯɬstsʃ ɹ j ʙts ɕʃ ɹ j tɑɑzʃj ʔɕʒfɳs·ɔɑzˍ ɔ lsɔʕtsʔ ɕʒj tɑj ɔɬststɑʃlsj lsdzˍ , ɔɕʃ⊐ lzfɳʃj ⊐ɕʃ ɔ ɕᵩ ɯj ɑzʃɕʃ ɔɑzzʰ j ɑzʃj ɕʒfɳstsdzˍ lɑ·ɔɯʃlsj ɕdzˍ dzˍ , ɯɬsts ʌ tɑj ʔн, fɳstsɑʕɑzzɔʰ ɕʃfɳ fɳɕᵩj fɳʃtsfɳsʙɑzsfɳsᴵʁ lstɑ·ɔнɕʃɯʃtsɑzɑsʔ ɕʒj нɕʃɯʃɕdzˍ ɕᵩj ɯʃʃlsᴵ ɕᵩjɔtɑsLʳ , tʃtɑʃj ⊐ɔlzʕ ɑzʃɕʒtʃtslzɯʃʃlsᴵ fɳʸ tʃtɑʃɕʒj ɕdzʷlsᴵ ɔɑzzʰ j ɑzʃj . ʊɔʕ, ɔ ʙlzнlzʰ j ɕʒLɑ·ɔɑzʒj ɑzʃlsʳ ʔ ɕfɳfɳɕdzj нtsɔ·ɔlsj ɕdz tʃtsнfɳsLɑ·ɔlsj ɕdz ɑzsʔ ɤ ɕʃLɑzʃ, tɑ·ɔlɠtɑj ʙɔʰ ɕʔ ɔtʃtsfɳɕdzj нfɳsɔɕʃ tʃtslsj ɕʒʕɕʃ ɯj ɑzsɔj ɯj fɳʃʕ⊐ нlzʰ , fɳs·ɔ lzɯj ɑzɑʃʕtsɕʒtʃtɑtsʷj fɳɳʃstɑ·ɔɹ j tɑɕɑzɠj ɕʃɕʒ·ɔɕ fɳʃtɑtsɕʒɑzsɠtsfɳj ɕdz fɳʃtsɠtsɔtɑ·ɔɯ·ɔʃ ɹ j ʙts, tsfɳs·ɔɕʃɕzɑ·ɔɑzʃɯj ɑzʕlzʕɕʃ ɕdᵩlzʕɕʃLɠɑ·ɔнɕʃɕʒ ʔ fɳɕdzн.

ﾑO･ﾒ ﾚｽﾊﾒ tｽuｷ dｿ､ ﾍtｽdｿﾑtｽ, ﾊﾒ･ｱ3ｿ･ｱ3ﾑ･ﾑ lｿdｿ･ ﾑ ﾒｽﾊﾒﾚｽﾍtｽｳ dｿ｡｛ｱ｛ ｱ tﾑ･ｷ ｷ｡ﾑ ｱtﾑ･Gﾚｽ｛ﾚｽ･ｳ cｱ｣. ｃ ﾑdｷ dｿ｡｛ｷ ｲ ﾚｽtｽ dｿ･L･ ﾑG･ｷ ﾚｽﾊﾒ
*ﾑ｛ｱ｛ dｿｽﾊﾒﾑｽ3ｿ･ｱ3ﾑ･ lｿdｿ｡｛ｱ｛ｱ ﾊﾒ･ｱ3ﾑ･

[illegible] (Beaunis, 1830ð 1921), [illegible] (1886), [illegible] (1888), [illegible] (1889) [illegible] 1885 [illegible]

[illegible] 1889 [illegible] çEcole des Hautes Etudesè [illegible]

[illegible]

[illegible]

[illegible] (… 1888, … 4).

[illegible]

[illegible] (… , 1971, … 92– 93). [illegible]

[illegible]

∫ ɑ[⊐ⱺɑ[ɑzz, ts?ʷ ʷj ls

ɑj tsʙʳ ɥ[ⱺ?ɑzs? ɑj Gɬtsfɲsɑ[ɑ fɲʃtsfɲtsʙɑzsfɲsɑ[ɑj lsⱺls , ɬⱺɬ-lsts tɑj ʰ ɑ[ɑzʃtsɑj lsj ls . ∫ ɑzçəʳ ʃtstɑ⊐ɑlzɑè ɑ[L tsɬɑzⱺ ɑzs ʃts fɲɥ[ⱺfɲsɑzɑ[əts? fɲɑlz ɥ[ⱺ?ɑzsfɲsɑ[, ɑzⱺ⊐tsʜʷfɲ ɑzⱺʃj tɑətsɑʒᵘ lsⱺɬj , ɑj tɑⱺLʙɑ[ɑfɲʸ ʃtɑ[ʃⱺʜj ɑzɑ[ɑ[ɑzⱺ Lj ɑʒɑlzʸ . ∫ ʃtsɑj lsj , ʃts j Gts fɲɑlzsəⱺɑlʒ tsɑzɑ[fɲʃʳ ls əⱺlzɑj lstsɑlz ɬts ɑj Gɬtsfɲsᵘ fɲətsɑ[⊐ ɥ[ɑj ɑzsə, ɑzs ɑ[tsʰ lzʰ j ɑzɑ[j ətsLʜlz⊐ⱺ, fɲɬtsɑlz Lɑ[əʰ j Gts ʃts j Gts ɬtsɥj .

ɻⱺɑlzʸ ɥ[ɑ[ɑzⱺɥ[ɑ[lsj ɑj fɲɑlzsGts ⊐ⱺɑⱺɬlsj tɑⱺɑ[ʒtsGlzls ətsLɑzɑ[ɬⱺls ə ʷ tstɑɑj çʃj tɑj ətsʃ ɑzsʰ j ɑzɑ[ʷè fɲⱺɑ[ʒsGts ʙtsɑlz ɑzsGts ə tɑⱺLɑzɑ[ɥ[ɑlz ⊐ ɻ ɑ[ətslsɑlz ⊐ ɑ[ɑlz ʜj ?. ∫ ʜɑzⱺʙtsɑlz ɑzⱺʸ Lⱺʸəɑlzʷɑzⱺ ɥ[lsts tsɑzⱺʃtɑj ətɑⱺᵍ Gj lsfɲʸ ə ɑzsʰ ⱺʜᵘ : ɑzsGɑ[lz ɑj j ətsɑzsfɲⱺlsʳ j , fɲɬtsʃʳ lsⱺɑʒɑ[, tsls lsj ɑzⱺɑ[fɲ⊐tsʜɑ[ls ɬtsɑzɲɬɑ[? Lⱺʃⱺ⊐. ɾ tɑzGⱺʸ ʙtsɑlz ɑzⱺʸ, ʃtsfɲlstsʷɑzɑzs ɻⱺɑzsəⱺᵍʰ ⱺʸfɲʸ ɑzⱺLⱺʃⱺ⊐ ʜʳ ɑʒⱺɑ[ɬⱺɑ[ɥ[ɥ[ɑ[, fɲtstsʙʰ ɑ[ɑzⱺ ɥ[lsts tsɑzⱺʃtɑj ətɑⱺlsɑ[ɑzⱺfɲ ə ɬtsʃɥ[j ɑzsGts fɲʃɑ[Gⱺ ɬ lsts tʃtɑ[ɑjtɑ fɲʃtsɥ[j ɑ[fɲtsɥ[lsⱺɑzɑ[ʷ tsʙtsɑlzʷlsj ɑlz ɑzs? Gⱺɑzɑlz ɥ[ɑ[ɑzⱺɥ[ɑ[ɑ[fɲGⱺɑzɑlz ɥ[ɑ[ɑzⱺɥ[ɑ[j ? ɬtsɻɑzs-ɑlzʳ ʰ j ɥ[-ɑzsGts ɥ[lzəfɲtsəⱺ ∫ ɑzⱺɻj ʃtɑj ətɑⱺᵍ ⱺɑzⱺfɲ ə ətsɑ[ɬⱺ, ʙj Gⱺəʰ j Gts ʃts ɑj fɲⱺɑlzʒɑ[ʃtsɻ ɑ[tɑⱺəʰ j Gts lstɑzʃʳ ʜj lsj ?. ʀ Ləj fɲtsj ɑlzfɲɑzɑlzɥ[ⱺ?, ɬtsGʜⱺʙtsɑlz ɑzs? lzlsəj tɑɻ ʜⱺɑlz, ɥ[lsts ɬⱺɻ ʜⱺʸ ɑ[L tsʙj ɑ[⊐ fɲtstsɑtsɑlzj Gts lsj ɑzⱺʃj tɑj ətsʃ ɑzslsɑ[ɑzⱺfɲ ə tɑⱺLɑlz ⊐ ʃtsᵘ lstsə: ɑj əⱺʸ ə ɻ lzʰ ɬɑ[ɑzⱺ ʃtɑⱺəⱺʸ ə ʊᵍ lsɥ[j əⱺ ɻ tsfɲɬtsɑlz ɬlz Gⱺɑzɑlz ɥ[ɑ[ɑzⱺstsɑtɑlz j tsʙtɑⱺLʳ ə Gɑtsɑsɑʒⱺʜɑzsɑʒʙtsɑlzʰ ɑ[ɑzfɲjəj fɲɑlzɥ[ⱺj ə tsɥ[j ɑzɑ[əⱺʸ lsfɲʸ ɬⱺɬ tɑj ⱺɑlz ɑzⱺʸ ʜj ?fɲjəɑ[lsj ɑlz ɑzsfɲjᵘ , lsts ᵘ lsɑ[ɑʒtsʃtɑj ʜj ɑlzᵂᵍ lsfɲʸ tslsɑzsʰ j ɑzɑ[j ɬ ɑzɑ[ɑʒɑ[ʃtəj ʜj ɑlzɑ[j Gⱺɑzɑlz ɥ[ɑ[ɑzⱺzlsⱺɑ[ɑ[, əʳ tɑⱺɻj ɑzɑlzʰ j ə ɑ[ɑʒʃj tɑⱺlsɑ[əɑzs? ʷ tstɑɑj , Lⱺfɲjⱺəɑlzᵂᵍ ls lzɑʒⱺɑzɑ[ʰ j ɑzɑlzʰ ⊐ fɲɑj tslsətɑⱺlsɑ[ɑʒʳ ɑʒⱺəlstsɑʒⱺlsɑ[Lɑʒtsɑʒəʳ tʃtsɑzɑlzʷlsᵘ tʃtsʜɥ[ɑ[fɲʃtɑj fɲjlzʃɑlzʰ j ʜj ?fɲjəɑ[ʷ, ɬtsGʜⱺ ᵘ lsts tʃtsəj ɑj ⱺʸ ls fɲɥj ɑzⱺlsᵘ fɲɑlzʰ ɑ[ɑʒʳ j ɑ[ɑʒɑ[Gtsɑzsfɲⱺ ʊⱺɬ, tsʜɑzs? ʙtsɑlz ɑzs? Gtsɑzsfɲçʃtɑ[ɬ?Lⱺɑzè fɲɥ[j ɥ[fɲətsɑ[əj ʰ ɑ[; ʜtɑlzGts? ʙtsɑlz ɑzs? (ɬⱺfɲfɲɑ[ɬɑʰ j) Gtsɑzsfɲçʃtɑ[ɬ?Lⱺɑzè əʳ ʙtɑtsfɲɑ[lsᵘ ʜj ɑlzGɑ[; çGtsɑzsfɲⱺè ʙʳ əⱺʸ ls lzfɲjstɑⱺʰ ⱺʸ ʰ ɑ[ɑʒʃ: tsɑzɑ[lzGtɑtsɥ[ⱺʸ ls lzʙɑ[lsᵘ . ɻ tsʜ əɑzɑ[ʷɑzɑ[j ɑʒᵘ lsɑ[⊐ tsʙtɑⱺLtsə, Gtsɑzsfɲjəə ʙtsɑlz ɑlz j fɲjəj tɑʰ ⱺʸ ls lsj ɑ[ɑzɑ[ɑ[ɑlzʰ j ʃtsfɲjslzʃɬ?ɬɑ[(ɑzⱺʃtɑ[ɑj tɑ, lzʃtsɑʒʷɑlzlsʳ j ʙtsɑlz ɑlzʰ j ʜj ?fɲjəɑ[lsj ɑlz ɑzs fɲjɥ[ⱺɑzɑ[əj ʰ ɑ[, əʳ ʙtɑtsfɲɑ[ɑzɑ[ʜj ɑlzGɑ[).

ʀ ɑzʃj tɑⱺlsɑ[əɑlzʰ j Gⱺɑzɑlz ɥ[ɑ[ɑzⱺɥ[ɑ[ɑ[ɑzɥ[ⱺɑzⱺlsʳ lsᵘ ɬtɑⱺ?ɑj tsʃⱺfɲɑlzʰ ɬⱺɬ ʜɑlzʷ fɲⱺɑzⱺɥ[ⱺɑzⱺ ʙtsɑlz ɑzsGts, lsⱺɬ ɑ[-ʜɑlzʷ tsɬtɑlzɥ[ⱺʸ ʰ ɑ[⊐ j Gts ɑlz ʜj ?. ɻ fɲɑ[⊐ɑ[ⱺlstɑ ϕ . ϕ . ∫ j Gtɑtɑⱺʙʷɑlzʃtɑ[ɑətsʜⱺlsʃtɑ[ɑzɑj tɑ tsʜⱺɑzs? ɑ[ɑzʃj tɑⱺlsɑ[əɑzs? fɲɑlzⱺtsəts? Gⱺɑzɑlz ɥ[ɑ[ɑzⱺɥ[ɑ[ɑ[ɥ[lzʜtsəɑ[ʰ ɑzs ɑzj ɑzʃtsGts fɲtsʜj tɑɥ[ⱺɑzɑ[ʷ, ʃtsʜ əɑzɑ[ʷɑzɑ[j ɑʒɬ?lstsɑtɑs? ʃtɑj tsʜⱺəⱺlsj ɑlz fɲtɑj ʜɑj ɑ[ʰ ɬtsɑlz lzʙɑ[ɑzlstsʃtsɑtɑsɑʒtɑtsʜfɲjəj ɑzɑ[ɑ[ɥ[lz. ɬ lstslsʙtsɑlz ɑzs? fɲɑlzʰ ⱺɑlzGtsɑzsfɲ fɲətsj ? ɬtsʰ ɬɑ[, ɬtslstsɑtɑⱺʸ lstɑj ʙtsəⱺɑlzⱺtslsɑj tsGts lzʙɑ[lsᵘ tɑtsʜfɲjəj ɑzɑ[ɑ[-

ｳﾚﾄ, ﾉ･ﾀ ﾄ ﾄﾄﾄﾚｽ･ﾀ ﾌｳｷ ﾚ･ﾎ･ｳｷ, ﾚ･ﾎ･ﾚ ･ﾑﾄ ﾚ･ﾀ ｷ ｸ ﾃﾌﾂ ﾄ ﾚ･ﾎ･ﾚ ﾄ ﾂ

ʃ ɑʃ⊐Oɑʃɑzzˌ tsʔʷ⁄ʷjls

lsjtstɑʃʷ ðˡ lsts⅋tsɢʜOɑʃʟəjfɳʃsɑʒs çʃtsʊjɑʒɣè, ɑʒs ɑʒɰʷfɳɑʒs ç⅋G⅋è; ʃtɑG⅋lsɑʃ⅋Oð ⅋tsɢʜOɑʃʟəjfɳʃsɑʒs ç⅋G⅋è, ɑʒs ɑʒɰɑʃʟəjfɳʃsɑʒs çʃtsʊjɑʒɣè.

ɹtstɑʃtɑtsfɳɰɑʃɑʒjᵍ ls ɑʒʃ GOɑʒɣ ʊɑʃɑʒAʊɑʃɑ LOɢɑʃtʃɑʒslsɑʃLɑʃtɑtsəOɑʒɣs ɑʃfɳʃsɑʃɑʒɣ ʔ ɑʃɑʒʃ ɑʒs›ɣ ɑʒ ʔ ⊐OtɑG⅋lsjtɑ, ʷəɑʒʷjlsfɳʸ tʃtɑɑʃɑʒʌɑʃtʃɑʃOɑʒ ɑʒ ɑʒ, tʃtsfɳ⅋tsɑʒ⅋lz ɑʃɑʒjjlstʃtɑʃ⅋tɑʃɑʒAʊɑʃjɑʒ⅋tʃɑʒjtɑ, tʃtɑʃ tsʊjɑʒ⅋jfɳʒʜOɑʒʃ tslsəjlsfɳʃəjɑʒʌsfɳʃsɑʃ LO⅋tɑʃɑʒʃɑʒsɢjɑʒʌɣ jəɑʒʌʰ jɑʒʌʷ. ɭjtʃtslsjtɑʷɑʒᵘlstslsətsʃtɑtsfɳɰɳtsj ʔ G⅋lszOɑʒ ɑʒsfɳʃsɑʃ ɑʃə Btsɑʒjʰ ɑʃtɑts⅋tsɑʒGɳʃjlsj, tʃtsᵘlstsɑʒzə fɳjtɑjʜɑʃɑʒjtʃ⅋tɑtsʰ ɑʒsɢtsəjl⅋OfɳʃsOɑʒtʃtɑjʜɑʒjlstsɑʒ tsfɳʃstɢʳ ⊐ʜɑʃfɳ⅋lzfɳɰʔ. ʜtɑOlz fɳɑʒjʜlzjlsfɳ⅋OLOˢ, ʊlstsɢɑʃtʃɑʒsfɳʃsɑʒɣAʊɑʒ-Blzɑʒʌʃʊjfɳ⅋ɑʃjɢGOɑʒɣ ʊɑʃɑʒAʊɑʃɑ, ʜtsfɳʃsɑʃɢO ʰ ɑʃjlz fɳʃsɑʒɣAʊɑʒBlzɑʒtʃtsɑʒɣsɢtstɑOlɑəɑʃlsɑʃʷ, tslsɑʒsfɳʷlsfɳʸ ⅋ ɑʃfɳʃsɑʃɑʒɣ ɑʒɢGOɑʒɣ ʊɑʃɑʒAʊɑʃʷɑʒ ʃ ɑʒʌʃ ɑʒtsɢlzlsB ʳ lsˢ fɳtʃtsɑʒsOɑʒɣ ɑʒʃ ɑʃɑʒʌʰ jɑʒʌɣ ɑʒʃ ɑʃtɑjʜfɳʃsOəɑʒʷlsˢ əjfɳ fɳtʃj⅋lstɢ Ltɑʃlsjɑʒɣɑʒjɑ, fɳɑʒɣ⊐tsəʳ j, ə⅋lzfɳtsəʳ j, tsBtsɑʒɣlsjɑʒɣɑʒjɑ, lsG⅋lsɑʃɑʒɣɑʒjɑ, ɑʒʃʳ ʰ jʊɑʒɣjɑ, ʜəɑʃɢOsjɑʒɣɑʒjɑ ɑʃtʃtɑtsʊɑʃj GOɑʒɣ ʊɑʃɑʒAʊɑʃɑ.

ɾ -tɢɹtsɑʌʃ fɳtʃjʊɑʃOɑʒɣ ɑʒtsəʳ ʷfɳɑʒɣʷɑʒ,ɑʃɑʒjᵍ ls ɑʒʃ Ltɑʃlsjɑʒɣɑʒjɑ GOɑʒɣ ʊɑʃɑʒAʊɑʃɑ⊐OtɑG⅋lsjtɢɑʃtslsʊjlsɑʒʃətsfɳʃsᵘ ts^ɦ lzʰ jɑʒʌʔ, OɑʒAɑʒtsGɑʃʊɑʒjlsjɑʒ⅋⅋tslststɢʳ jtʃtɑtsɑʃLətsʜʷls əɑʒjʰ ɑʒʌʃjtsBʲ j⅋lsʳ .ʃ ɑʒəɑʒʌʰ OɑʒLOɢɑʃtʃɑʒslsɑʃLɑʃtɑtsəOɑʒɣɑʒjɑ ɑʒ⅋ʊlststsɑʒ⅋ʔ ɑʃɑʒʌʃ ɑʒtsɑʃʷls ɑʒAʊjɑʒɣʔ BlzɑʒGɢj tɑʃfɳɣɑʒs⅋, ɑʃLtsBtɑO›ɣ Oʸ ɦ ɑʃʔ⅋Gtsʔ-ɑʒʃBts tʃtɑjʜɑʒjls ɑʃɑʒʃ ›ɣɑʃətslsɑʒsj. ɹ Gsjɑʒ⅋tʃtɑjʜɑʒAʊGɑʒtsBəjfɳʃsɑʃ⅋⅋tOɑʒʜOʸ tsɑʒɑʃLtsBtɑO›ɣjɑʒʌʃj, ʊlstsBʳ tʃtsɑʒzʊɑʃɑʒfʸ ⅋tsɑʒslztɢ. ʃ ʜɑʒʌʃɑʒfɳɰtsətsɑʒ ʊlstsBʳ tsɑʒʌʃ fɳɰʷɑʒʃ fɳɑʒʌʃ⊐⅋Oɑʒlzɹtsɑʒʃ⅋⅋tslsʊjlsɑʒʃətsfɳʃsɑʃ tsBʲ j⅋lsʃəɑʒsGts tsBtɑO›ɣjɑʒʌʃj LOɢɑʃtʃɑʒslsɑʃLɑʃtɑtsəOɑʒɣɑʒjɑ, əjfɳɑʒ⅋Oəjtɑtsʷlsɑʒs, ɑʃGtɑGjls LʜjfɳjBtsɑʒʰ lzᵍ tɑtsɑʒ. ɹtsɑʌʃ fɳɰ⅋ɑʒʌʃəGjls Ltɑʃlsjɑʒɣɑʒjᵍ GOɑʒɣ ʊɑʃɑʒAʊɑʃᵍ

Ленин был одним из первых, кто оценил значение этого труда. Уже в 1894 году, в статье «Экономическое содержание народничества и критика его в книге г. Струве», Ленин писал: «Книга г. Туган-Барановского, несомненно, является выдающимся явлением в нашей экономической литературе. Она дает первое систематическое изложение теории капиталистических кризисов, основанное на Марксе, и первое критическое исследование исторических условий развития капитализма в России» (Ленин В. И. Полн. собр. соч., т. 1, стр. 227).

Ленин неоднократно ссылался на Туган-Барановского в своих работах, используя его данные для доказательства своих положений. В частности, в работе «Развитие капитализма в России» Ленин критически разбирал взгляды Туган-Барановского на рынки для капитализма, но признавал ценность его статистических материалов.

Ленин в 1897 году

[illegible] X. [illegible] X., [illegible] X. [illegible]

[illegible] (Liegeois J. J., 1833– 1908), [illegible] (1889), [illegible]

1884 года Ленинградский завод «Красный Путиловец» выпустил первый паровоз серии Э. Всего до 1917 года было построено 1235 паровозов этой серии, которые получили широкое распространение на железных дорогах России. Паровозы серии Э были универсальными грузовыми паровозами, предназначенными для вождения тяжеловесных поездов на равнинных и холмистых участках пути. Они имели осевую формулу 1-5-0 и конструкционную скорость 60 км/ч. Паровозы серии Э были оснащены паровой машиной с двумя цилиндрами простого действия, которая приводила в движение ведущие колесные пары

(Liegeois, 1889).

ʃ ɑʃ¬Oɑʃɑzz, ts?ʷ ʲ j ls
[O¥ɑʃʜʳ əOʸ ls ʧ ɑʒO⁹ . ʂ Oɬtɑʃɑzə tɑGɬɬsjtɑʷɑzɑɬsɬɬsɑʃ, tsɑʒO·əɑʃʜɑʃls, ɥɬɬsts ɬɬɑɥɑʒO⁹ ʕtsɑjʁɑjlsɬɬʸ ɑʃ ʧtsɬɬɬsjʧj ɑzɑɬs
ʧtɑʃɑzɑʃɑʒGj ls ʷ tstɑɑʒz ɥj ɑɬsəj ʕO ʕ ɑzO·ɣO·ɑlzj lsɬɬʸ lzɬɬsO·ɑlz ɑʒGtsɑɬsɬɬsɑʒ;
ð .I tsʕtɑlzGʳ ɑʒj ɑzʷ ʧtɑʃəj ʜj ɑzɑʃʷ: ɬɬɬszɑzʷ ʧj j tɑj ʜəɑʃGOʸ lsɬɬʸ ɑjəɑʃ-ɑʒɬs? ɬɬɥʃɑɬs?, ʜəj tɑʃ tslstʃɑʃtɑOʸ lsɬɬʸ ɬɬOɑʒʃ,
ʰ ɑzʷʧO·ɑʃ ʧɑʃɑzO⁹ ɑjlsOʸ ls :Oɑʒʃ ʧts ɬjʁj .
ʃ ɑzʷ lzɬɬɥʃɑjɑzɑʃʷ ˩ ʷ ʷ j ʕlsO∧ j tɑj ʁtɑɬsɬɬɥʃɑzj ? ʧj j tɑɥO·ɬs?lz, ʧ lzGOʸ:
ð ʕ lsts Lɑʒjʷ.
ʂ OɬtɑʃɑzʧtsʁɑjʜɑjɑzO·ɑʃ LGɬɬsʳ ɑzO·ə ɑjɑʒtsɑʒɑʃɬɬʃlzɑj ʕOʕ ɑʃLəOʸ-ʰ j . ɿ ts ɑʒj tɑj lstsGts ʕOʕ ɬɬɬstɑGɬɬsɑʃ
ɑzʕOɑzʷɑzɑʃɬɬ, tsɑzO·ʧtɑʃ¬tsʜɑʃɑzO·əɬɬj L ʁtsɑzʰ j j ətsɑzɑjɑzɑʃj . l OʕtsɑjɥtsɑzO·LOʸəɑʃɑzO·
ð ɻtsɑɬsɬɬɥʜlz¬tsə ɥO·ɑGO·ʧ j ʂ ls ɑʒɑjɑ ɑʒsLGɑʃ, ɬɬɑɬsəɑzɑs tsɬɬɬstɑʳ j ʕtsGlsɑʃ. ɿ ɬɬɑɬzɑʃ ɑʃ¬ ʧtɑtsʜj ɑdʕɑʃ ʁlzʜlzls
ʧtɑtsʜtsɑzɥ Oslʸ ɬɬʸ, ʷ ɬɬɑs?ʜlz ɬɬjzɑʒO·
ɿ Oslj ɑʒɑzO·ɥ Oɑɬsɬɬ ʧtɑj ʜɬɬɑsO·ɑjɑzɑjɑ ɬɬɑɥzᵏ ʰ j Gɬts tɑtsʜO· ∧ j tɑj :lsO·ɑɬsəɑʃlsɬɬʸ ʧtsLO·ʜɑʃ ʂ Oɬtɑʃɑzɑ, ɑʃ, ə lsts
ətɑj ɑʒʷ ʕOʕ tsɑzO·ɬɬʧtsʕtsʔɑɬs ˩ j ɬɬj ʜtsəO·ɑzO·ɬɬtsʕtɑlz ɣO⁹ ʰ ɑʃɑʒɑʃ, tsɑzʧtɑʃʕO·ɬɬɥj lsɬɬʸ lsts ʕ j j ɑɬszɬɬɥz, Gts ʕ ʰ j ʕj ,
lsts ʕts ɑɬszlz ɑʃ ls. ʜ. .I ɬɬʸʕɑʃ? tɑO·L ʧtsɬɬɥjɑ tsɥj tɑj ʜɑɬsGts ʧtɑʃɑʃʕtsɬɬɥɑɬsəj ɑzɑʷ ʂ OɬtɑʃɑzʧtsʜɑɬsɬɬɥʃɑzO·tɑlzʕlz ʕ ɑzʃɥlz
ɑʃ ɥlsts-lsts ɬɬɑjɑGts ɬɬɬstɑʷ¬ɑʃəO·ɑzO· l Oətsʧtɑtsɬɬɥ, LOɥj ɑʒtsɑzO·ᵘ lsts ʜj ɑzɑj ls, ʂ Oɬtɑʃɑzʳ lsəj ɥO·ɑzO·
ð υ ɑʒj ɑzʷ ɥj ʰ j lsɬɬʸ ɑzʃɥts, ʷ j Gts lstɑlz.
ɿ Oslj ɑʒj ʔ ʧtɑj ʜɑzO·GO⁹ ls ʧ tɑtsɑʃləj ɬɬɬsɑʃ lzʜO·ɑɕʧts ətsLʜlz¬lz. .I ɑʒtsɑʒj ɑzɑs ɑzO·ɑjɑ ɬɬɥj ɑzɑʷ lzʜO·ɑO∧ j tɑj
tsɬɬɬsO·ɑzO·əɑzʃəGj ls tɑlzʕlz ɑʃ ɬɬɥʧtɑO⁹ ɑʃəGj ls:
ð Y lsts ɬɬɥɑzɥʃɑzɑɬsɬɬj?
ð ʂ OʕʁlzʜlstsɬɬjzʜtstɑtsGO·ð tslsəj ɥGj ls tsɑzO·ɑʃʧʳ lsGj lsɬɬʸ tsʁʲ ʷ ɬɬɥɑzʃlsᵘ ʧtɑtsɑʃɬɬ¬tsʜʷʰ j j ɬɬjɑjɑ ʔ. ɿ ts j j
tsʁʲ ʷ ɬɬɥjɑ ɑzɑʷ GtɑO·ɑzɑʃɥʃɑOls ɬɬɥʁtɑj ʜtsɑʒɬɬjzɑʒO·ɬɬj j ʜʰ j Gts.
ʜ lstsɑʃls tsʁtɑOlsʃlsᵘ əɑzɑʃɑʒɑzɑʃj ɑzO·ɑjʕtslststɑʳ j ɥGɬɬsɑʃəɑzs? GO·ɑzɑz ɥɑʃɑzO·ɥɑʃɑʃ. ʃ ɬɬɥzʃ
ɑjəɑʃʜɑʃɑʒ ɑʒʜj ɑzGj lsɬɬʸ ʕOʕ ts?-ɑzɑʃʁlzʜᵘ ɑʒO·ɑjɑzʕɑʃ?, ɑjɬɬɥɑɬsɣɑz ? ʧtɑj ʜɑʒj ls, lsts ɑʃɬɬʃʳ lszj ɑʒʳ ? ɑjɬ əɑʃʜɑʃls
lstsɑzʕts j Gts, ɑɬs j ɬɬɥʃɑ əɑzʰ ɑʃlsᵘ , ɥlsts əj ɬɬ ɥj ɑɬsəj ʕ ɑjəɑʃʜɑʃɑʒ lsts ʕO·ɑlsɑʃɑzO·ʁtsɑzj j ɑzʳ ʁtsʧʳ lsɑzO·ʸ.
ɿ O·GɑʃʧɑɬslsɑʃLɑʃtɑtsəO·ɑzɑzʔ ɑjəɑ lstsɑzʕts ɑjəɑ əɑʃʜɑʃls ɬɬɥO·ɑʒʃsGts ɥj ɑɬsəj ʕOɑʃ j Gts tsʜj ɣ ʜʳ , ɑɬs ɑʃ ʧtɑj ʜɑʒj lstsə,
ʕtslststɑʳ j ˩ lstslsɥj ɑɬsəj ʕ əʳ lsGɬɬʃɑəGj ls ɑʃL ɬɬɥtsɑ¬ ʕO·ɑɑʒO·ɑɬsə. l O·ʧtɑʃɑʒj tɑ, ɑɬsɬɬɥəts? ʧɑzO·lstsʕ, ɥO·ɬɬɥ ,
ʕɑzɥ ɥɑʃ ɑʃ ls. ʜ.
ʃ ɬɬɥzɑʃ əɑzʰ ɑʃlsᵘ : ç.I ʳ ɑjɑ ʁlzʜj lsj ɑzɑʃ əɑʃʜj ls ᵘ , ɑzɑʃ tsɬɬʸLOlsᵘ ʧtstɑlsɬɬɥʃɑGO·ɑè ð ɑʃ LOslj ɑʒʧtsɑʒj ɬɬɥsɑʃlsᵘ j j Gts
ɑʒj ɣ ʜlz tɑlzʕO·ʒɑʃ LO·GɑʃʧɑɬslsɑʃLɑʃtɑtsəO·ɑzɑzsGts, lsts tsɑzɑjɑ ʁlzʜj ls j Gts əɑʃʜj lsᵘ ɑʃ tsɬɬʸLOlsᵘ . l ts tsɑzɑʃʧtsɥlzə-

ɑʃfɳʕɑz ʯɑʃlsȷ ɑz ɑʑs ɹ tsɑʑɑʃ, tslsəȷ ʯ⊙ȷ ls ɑʑɑʃʰ ɹ ȷ ɑʒz, tʃ tɑɑʃ ɻ lstsɑʒ ɑʑɑʃʕtsɑ̂ts ɑʃL tʃ tɑɑʃfɳʑlsfɳʂəlzᵍ ʰ ɑʃ⊐ ɑʑȷ əɑʃHɑʃls ɑʃ ɑʑȷ fɳɑz ʰ ɑʃls. ∫ ɹ ȷ ɻ lz⊙tsʙtɑ⊙ʰ ⊙ȷ lsfɳʸ ʕ ɑʑȷ ?, tsɑʑ⊙ɑʑȷ tslsəȷ ʯ⊙ȷ ls, tsɑʑtʃʳ ls⊙ȷ lsfɳʸ ȷ ȷ əʳ əȷ fɳʂɑʃ ɑʃL ɡ̂ɑʃtʃ ɑʑsfɳtsɑʒ-ɑʑ⊙ɑʑʂlzɑɑʃLɑʒ⊙) ɑʑs ɻ lstsȷ ɑʒz ɑʑȷ lzH⊙ȷ lsfɳʸ. ʗ HəΘtsɑʑ⊙Bʳ ɑʑ⊙Hȷ ɡ̂ɑʃtʃ ɑʑslsɑʃ-LɑʃtɑtsəΘɑʑ⊙) ʕ⊙ʕ ətsLətɑ⊙ʂɑʃɑʑ⊙fɳ ə tʃ tɑȷ ɻ ɑʑȷ ȷ fɳʂfɳʂtsʷɑʑɑʃȷ . Y lstsɻ ȷ ʯtɑtsɑʃLtsʰ ɑʑs? ∫ ɑʑ⊙ɑʑȷ əɑʃHȷ ɑʑ⊙ɑʃ ɑʑȷ fɳz ʰ Θɑʑ⊙ɹ tsɑʑɑʃ ɑʃ ɑʒtsɡ̂ɑʑ⊙ə⊐tsHɑʃlsᵍ ə ʕtsɑʑsO⊙ʕls fɳɑʑɑʃɑʒlstsɑʒ ʕts tʃ tɑɑʃ tʃ tsɑʒtsʰ ɑʃ tsfɳʸLΘɑʑɑʃʷ. ɻ tsfɳɑʑȷ lstsɡ̂ts ʕ⊙ʕ ∫ ɹ ȷ ɻ lz⊙lzɑʑɑʃʯlstsɻ ɑʃɑzəɑʑʷʰ ȷ ɑʑɑʃȷ ɑʒ ɡ⊙ɑʑɑz ʯɑʃɑʑ⊙ɑ⊙ʯɑʃɑʃ⊙ʷ , tsɑʑ⊙əɑʑsəɹ lzəɑʃHȷ ɑʑ⊙ɑʃ lzfɳɑʑʰ Θɑʑ⊙ɹ tsɑʑɑʃ.

ɻ ɹ ȷ tɕɾ ⊙ɑʑȷ ʜȷ ɑʒtsɑʑfɳstɑʃɑtəɑʑȷ ls fɳʂts? fɳʂ⊙ɑʑʜ⊙ɑʑsɑʑ ? ɻ ʕfɳʃȷ tɑʃɑʒȷ ɑʑs. ʅ ⊙ʕtsɑʑȷ ɑʑɑ[ʟ⊙ɑ̂ʃɑʃ ɑʑsls ɑʃLɑʃtɑtsəΘɑʑɑʑs? tsɑʑʕɑʑ⊙ʜȷ ls ʯʷlsᵘ ʙȷ ɑʑ ⊐ ɑʑʃfɳstsə ʙlzɑʒ⊙ɡ̂ɑʃ, ɑʃL ʕtsstsɑ̂ʳ ⊐ ʜə⊙ʯtsɑʒȷ ʯȷ ɑʑ ɑʒ⊙ɑʑȷ ɑʑ⊙ʕtɑȷ fɳʂɑʃʕtsɑʒ, ç̧ş tsɡ̂ʜ⊙ ʯtɑtsfɳɑʑȷ ls ȷ fɳ,ð ɡ̂tsətstɑɑʃls ɾ ⊙ɑʑȷ ,ð əʳ ɑʑȷ lzəɑʃHɑʃls ȷ ɑʑɑʃfɳʂʳ , ʯtsɑʒȷ ʯȷ ɑʑɑʑ ȷ ʕtɑȷ fɳʂɑʃʕtsɑʒè. Y ȷ tɑȷ L 10 ɑʒɑʃɑʑls tsɑʑtʃ tɑɑʃətsHɑʃls ȷ ȷ ə tsʙʳ ʯɑʑsȷ fɳtsfɳstsʷɑʑɑʃȷ , ɑʃ tsɑʑ⊙ ɑʑȷ fɳts⊐tɑ⊙ɑʑɑʃə ɑʑɑʃʕ⊙ʕtsɡ̂ts ətsfɳʯtsɑʒɑʃɑ⊙ɑʑɑʃʷ ts ʜ⊙ɑʑɑʑsɑʒȷ ʔ əɑʑʑʰ ȷ ɑʑɑʃɑ, ɭzHɑʃəɑʑʷȷ lsfɳʸ, əɑʃHʷ ɭz fɳȷ ʙʷ ɑʑ⊙ʕtsɑʑȷ ɑʑ⊐ʕ⊙ʕɑʃȷ -lsts ɑʑɑʃfɳʂʳ ʙlzɑʒ⊙ɡ̂ɑʃ. ɾ ⊙ɑʑȷ ʯtɑtsfɳɑʃlsȷ ȷ ʯȷ ȷ tɑȷ fɳȷ ɑʃɑʃ⊙ɑʃ ɑʃ⊙ɑʑʜ⊙ɑʑsᵘ ɑʃ⊐ ɑʃ ʯȷ ȷ tɑȷ ʜ⊙ɑʑsᵘ ȷ ɑʒz ʯts tsHɑʑsɑʒz. ∫ ɑʑ⊙ʙȷ tɑȷ lstsHɑʃɑʑzL⊙Htɑɑzɡ̂ɑʃɑʒlstɑɑʃ ɑʑɑʃfɳʂ⊙) ɑʃɑʒȷ ɑʑɑʑs lsȷ , ʕtslstsɑ̂ʳ ȷ ɑʑȷ ʙʳ ɑʑɑʃ ʯtsɑʒȷ ʯȷ ɑʑ , ɑʃ ʯȷ tɑȷ ʜ⊙ɑʃ ɾ ⊙ɑʑȷ . ∫ ɑʑʯtɑtsfɳɑʃlstslsʜ⊙ɑʑsᵘ tsfɳʂ⊙ɑʑɑʑ ȷ , ɑʑs tsɑʑ⊙ L⊙ʷəɑʑʷȷ ls, ʯlsts ʙtsɑʑʰ ȷ ɑʑȷ ls. ʅ ʳ tɑ⊙ɻ ȷ ɑʑɑʃȷ ɑʑɑʃʯ⊙lz ɑʑȷ ȷ lzHɑʃəɑʑȷ ɑʑsȷ . ∫ ɑʑ⊙ə ʷfɳɑʑsɑʒfɳʂLɑʑ⊙ɑʑɑʃɑʃ: fɳʂtsʙtsHɑʑs tɑ⊙LɡtsəΘɑɑʃəΘȷ ls, ʯtsɑʒɑʑɑʃls, ʯlsts ʜȷ ɑʑ⊙ɑʑ⊙ɑʃ ʯlsts tslsəȷ ʯ⊙ɑʑ⊙ ɾ ⊙ɑʑȷ ʙȷ tɑȷ ls əfɳȷ ɑʑɑʃfɳʂʳ ɑʃ fɳɑʑsəΘ tɑ⊙fɳʕɑʑ⊙Hʳ əΘȷ ls lz ɑʑȷ ȷ ɑʑ⊙ʕtsɑʑȷ ɑʑʷ⊐, ɑʑs lsΘʕ, ʯlstsʙʳ ʕtɑȷ fɳʂɑʃʕɑʃ ʙʳ ɑʑɑʃ ɑʑȷ əɑʃHɑʑ , lstsɡ̂H⊙tsɑʑ⊙ tslsfɳʯɑʃlsʳ əΘȷ ls tʃ ʷlsᵘ ɑʑɑʃfɳstsə ɑʃ tslsʜ⊙ȷ ls ɑʃ⊐ ɾ ⊙ɑʑȷ . ɾ ⊙ɑʑȷ fɳɑʑsəΘʕɑʑ⊙ȷ ls ɑʃ⊐ ɑʑ⊙ɑʑȷ ʒȷ fɳstsɑʑ⊙ ʕtɑȷ fɳʂɑʃʕɑʃɑʑ⊙ʒ⊙ɑʑ⊙ɑʒ-ʙlzɑʃʯȷ fɳʕtsɡ̂ts fɳtsfɳstsʷɑʑɑʃʷ, tsɑʑ⊙ɑʑȷ əɑʃHɑʃls ȷ ɡ̂ts ɑʃ fɳʯtɑ⊙ʰ ɑʃəΘȷ ls, tʃ tsʯȷ ɑʒz tsɑʑ⊙ʰ ȷ ɑʑɾ ⊙ɑʑȷ tʃ tɑtsfɳɑʃlsȷ ȷ ɑʑȷ ʙȷ fɳʯtsʕtsɑʃlsᵍ fɳʸ tʃ ts ɻ lstsɑʒz tʃ lzfɳʂʷʰ ɑʑsɑʒz tʃ ts⊙tsHz. ɻ Θlsȷ ɑʒ tsɑʑfɳʂ⊙ɑʑsəɑʃlsfɳʸ LΘ ɑʑȷ ? ɑʃ, tʃ tsʕ⊙tsɑʑ⊙Lɑʑʷls⊙tɑ⊙Lɡtsətstɑ⊙ɑʒɑʃ, lsɑʃ⊐tsɑʑ⊙ʕts ȷ ? ɡtsətstɑɑʃls: ç̧I fɳʂ⊙ɑʑ, tʃ ts2ʕHɑʃ, H⊙? tɑzʕlz Htsʕlststɑzèȷ ɑʑ⊙əfɳʂȷ ls, ɑʑ⊙ʯtɑ⊙ɑʑʷȷ lsfɳʸ ʕ H-tɑz ɻ ts⊙ɑʃɑʑȷ -⊙ɑʃʯz ɑʃ tʃ tɑtslsʷɡ̂ɑəȷ ls ȷ ɑʒz tɑzʕlz, ɑʒȷ ɻ ʜlz lsȷ ɑʒʕ⊙ʕ ɡ̂ɑ⊙L⊙ȷ ȷ tʃ tɑts-

13 [illegible] 1893 [illegible] (Pick, 1851–1924) [illegible]

tɐɡOɑzʃuˌfŋʃtsdʒtʃtstɐOɻjˌdzʃqʃɡtsdzʦəɑzʦɡtsɑʒsLGO ʀ Ləˌfŋʃsdzˑʔ ʷʷtɐOɑzuˌLLfŋʃqʃʔ tʃfŋʃ□qʃOstɕˌLOəˌjʜlzᵏ ʰ qʃʔ tʃtɐqˌjɑʒdzˑ dʒtslsʜjˌdɉˌdzʃqˌjdʒtʃfŋʃ□qʃOstɐqʃuˌfŋʃtsʔ ʙtsdzˑdzʃuʳ ʜəˑ ɸ dzɑdzˑ ə ɻ OɑɐqʃɻjˌˌJˌOɑjˌɑʦsqʃdzˌʃ Oɑzʷdzˑ dzɑʒɑdzˑ ʜOɑzdzˑ ʙtsʃʳ lsdzˑ ʔ ʰ qʃLtsʷtɐˌjdzʃuˌfŋʃqʃʔ ʷʷjˌɑʦs-dʒjdzˌʕlstsfŋɑzˑ□tsəʳ jˌ GOɑzdzˑ ɥqʃdɑOɥqʃqʃ, tʃtɐqʃ ʕtslststɕʳ □ fŋʦʜjˌtɐɻOɑzʃjˌ fŋɑzˑ ʰ qʃdʒsɡtsfŋtsʜdɑsʔ fŋststɐtsdzˑ tʃtɐslsqʃətstʃtsdɑsɻdɑs fŋʦʜjˌtɐɻOɑzʃᵏ fŋɑzˑ ʰ qʃdʒsɡtsfŋʜtɑzɡtsʔ.

ɭ ts lsts, ɥlsts ʙʳ əOˌjlstsˌtɐˌjʜʕtsʜOɻjˌ tʃtɐqʃ tstɐɡOɑzʃuˌfŋʃtsdʒtʃtstɐOɻjˌ-dzʃqʃ ɡtsdɑsəɑzsɡtsˌdʒsLGO lsts ʙjˌL tsfŋʦʙtsɡts lstɑzʜOdʒsɻdɑs əʳ Lʳ əOlsᵘ qʃfŋʃlzfŋfŋʦəjˌdɑzɑslzˌLʜtstɐtsəʳ □ˌdzˑ ʜjˌʔ ə GʃqʃtʃɑsfŋʦdʒɑzɑɑʙlzɑzʃLdʒjˌ. tʃtɐtsʷjˌfŋfŋʦtɕ ɸ.ʃ.ʃᵡ dʒsdɑʃOɑzjˌ tsʜdɑʃqʃdʒqʃLˌtʃjˌtɐəʳ □ qʃLlzɥOɑztsʜdɑs-fŋststɐtsdɑzˑᵡ GOɑzdzˑ ɥqʃdɑOɥqʃᵡ .ɻ tɐʃəjˌʜjˌdʒjˌɡts tstʃʳ ls, tstʃlzʙdɑʃʕts-əOɑzdzˑ ʔ ə çʃ ʙtsLtɐjˌdɑʃqʃ ɡʃqʃtʃɑsslsʃLdʒOè, ə ʕtslststɐtsdʒtsdzəɑzˑʰ GˌjlstʃOɥqʃjˌdɑslz: çʃ lsʕtɐʳ ə tʃtsfɑɡjˌtʃtɐtsʙlzɤʜjˌdɑʃʷ tʃtɐOəʳ ʔ GɑzOɭ, əʳ əʃʜqʃlsjˌ dɑOʙjˌdɑsdʒʕOɑstsdjˌtʃtstɑstɐjˌls.ɻ Oʕtɐtsʔlsjˌ ɻlstslsɡɑzOɭ qʃtslsʕtɐtsʔlsjˌ ʜtɑzɡtsʔ, qʃəʳ dɑʃuˌjɡtsˌdjˌlzəqʃʜqʃlsjˌè.ˌJʳ əjˌʜʷ qʃfŋʃʳ lslzjˌdʒs-ɡts qʃL ɡʃqʃtʃɑsfŋʦdʒɑzɑɑʙlzɑzʃLdʒOˌɻʕfŋʃjˌtɐʃqʃdʒjˌdɑsOststɕtsʙdɑOɑzɻqʃdzˌɥlstsˌɡOɑzdzˑ ɥqʃdɑOɥqʃʷ dɑsʕOɑzʃLtsəOɑzOə tʃtɐOətsdʒɡdzOɭz: tʃtstɑstɐjˌls əqʃ-ʜqʃdʒʜdzʷ tʃtɐOətsɡtsˌɡdzOɭOˌʜdzʷ djˌətsɡtsˌɻjˌðˌ ʕOɑstsdzˑtsfŋʦOˌjlsfŋʸ ʙjˌ-dzˑ dʒ (Dumontpallier, 1892).

ɻtsfɑɡjˌ LdzʕtsdʒfŋʦəOfŋᵘ lsʃqʃdʒtsʃtʳ lstsdʒdʒsɻjˌjlstʃʕtɐjˌʜjˌdzᵘʕfɑʃjˌtɐʃqʃdʒjˌdɑsOststɕfŋʕtsʔ ʷʷOɑsOLqʃqʃ.ʃ ʜdzʕtsˌfɑɡjˌʜlzᵡ -ɥqʃʔ əqʃʜɻʕfɑʃjˌtɐʃqʃdʒjˌdɑstsəˌfŋʜəlzfŋʦstɐtsdzɑzʃqʃdʒʃ ɡOɑzdzˑ ɥqʃdɑOɥqʷdʒʃ ɡtsətstɐʃlstsˌdjˌqʃfŋˌjˌtɐʃqʃdʒjˌdɑstsfŋʦqʃOˌjdʒsfŋʦqʃʳ ʜlzdʒtsʕ qʃfŋfɑɡjˌʜtsəOʦjˌdjˌʔ.

ʃ tsʕlststɕʃᵡ dʒsdɑʃOɑzjˌ ədzˑʰ Gˌjlsʃqʰjˌdzˑ, ɥlsts tsdzəqʃʜqʃlstʃtɐOəʳ dʒɡdzOɭtsdʒfŋʦʙOʕlz, Odjˌəʳ dʒtʃlsʃuˌlz. ʃjˌəlzʰ ʕOtʃtsʜlsəjˌtɐɻ-əGˌjls, ɥlsts□tslsʷɻlsts tsuˌjdzˑ fŋʦtɐOɑzdzˑ qʃ fɑɡjˌʰ dzˑs, dzˑs tsdzOʜjˌʔfŋʦəqʃ-lsjˌdzˑ dzˑs əqʃʜqʃls fŋʦʙOʕlz qʃtʃlsqʃuˌlz, tʃtɐqʃuˌjdʒfŋʦʙOʕOdzOˌGˌjls ətsʜlz, tʃlsqʃuOəʳ ətsʜqʃls ʕtɐOfɑʃqʃəʳ jˌ qʃ ləlzɥqʃdzˑ jˌ lstɐjˌdzqˌ.

ʃᵡ dʒsdɑʃOɑzjˌ tʃtɐtsʜtsdzɻGˌjls, ədzˑʰ Oʸuˌjtɐjˌʟ tʃtɐOətsjˌ lz□ts: çɻ tsɡtsʜOtʃtɐjˌʕtɐOfɑʃjOʸ, fŋʦdzdjˌɥqʃdzOʸè.ɸ ə djˌətsjˌ ɡtsətstɐqʃls: çʀ ʜjˌls ʜtsɻʜʳ è.ˌJ tɐjˌ-lzdzˑ lsOsjˌ tʃtɐOəOʸ fŋststɐtsdzOdzqʃuOʃ qʃʰ jˌdzˑ lzdzˑ ʙGˌjlsfŋʸ, OdjˌəOʸ əʳ tɐOɻGˌjls djˌlzʜtsətsdzˑ fŋʦəqʃjˌ tʃts fɑɡlzɥOʸ ʜlztɑdzʦʔ tʃtsɡtsʜʳ .ɻO

* ʃ Oɑzʷdzˌr OʕrtsLjˌʷʷˌJ Odjˌdzʦsqʃdz(Magnan Jacques Joseph Valentin, 1835ð 1916) ð ʷʷtɐOɑzuˌLLfŋʕqʃʔ tʃfŋʃ□qʃOstɕ.ɻ tsdzˑɥqʃdzdjˌʜqʃuqʃdzʕʔtsjˌ tsʙtɐOɻtsəOɑzqʃjˌ əʃ tsdɑʃjˌdzˑjˌqʃʃqʃtsdɑjˌ, LOsjˌdʒfŋ1858 ɡ.ʙʳ dzˑqʃdʦsjˌtɐ-dzʦsdʒətɕʷʜjˌ ʙtsdzˑdzɑqʃuˌ.ʜ 1867 ɡ.əlsjˌuˌjdzɑqʃjˌ 45 djˌlsLəjˌʜtsəOɑzɥtʃtɐqʃjˌdʒɑzˑ dʒtslsʜjˌdjˌdzɑqʃjˌdʒ tʃfŋʃ□qʃOstɐqʃuˌfŋʕtsʔ ʙtsdzˑdzɑqʃuʳ ʜəˑ ɸ dzɑdzˑ əɻ Oɑɐqʃɻjˌ.

ʀ dzsjtɕɨfɳdzs, fɳʂtsdzʕts :ʏjˌ ɔtɕɨdʒjdzɑ[tʃtsfɳdjɨ ʜjˌgɑ[tʃdzslsɑ[ʟʘuɑ[ɑ[ɑ[fɳʃʳ lsʐjˌdʒtsgɑts dʒtsgʟzlstʃtɑtsʜtsdzɳʘlsᵘ fɳʸ ʟtɑɑ[lsjˌdzˑdzᵛ jˌ gɑʘdzdzᵛ uɑ[dɑʘuɑ[ɑ[?.ɪ tststsʙʰ jˌ gɑtsɔtstɑᵂ, tslsʳ lsʳ ɻlstsʔ ʕʘlsjˌgɑtstɑɑ[ɑ[dɕɨˌʜtsfɳjsʘlststuɑdzs dʒdzsgɑtsuɑ[fɳdɕɨˌdɑdzᵛ, uɬstssʙʳ ʁ ʳ ɔtsʜɑ[lsᵘ ɑ[ʟ dzɑ[ⵎ tsʕtsdzuʘlsjˌdzˑdzs jˌ ʟʘʕdᵛ uɕjˌdzɑ[jˌ. ʊjˌdʒdɕɨˌdʒjˌjˌm tslsdzsʰ jˌdzɑ[ɑ[dɕɨˌʙtsdᵛʰ ɑ[ⵎ tʃtɕɨˌʜdʒjˌlstsɔ: ʕʘɑɑʘdzʜʘᵘ , uʘfɳ ɑ[ls.tʃ.ð gʘdzdᵛ uɑ[dɑʘuɑ[ɑ[dʒtsgʟzls ʜdzɑ[lsᵘ fɳʸ dʒjfɳʷuʘdʒɑ[. ɹ tsdɕjˌjˌ lstsuɑdzs dzʘᵘ lstsᵘ ls ɔtstʃtɑtsfɳtslsɔjˌuʘjˌls tstʃʳ ls, tʃtsfɳjsʘɔdɕɨˌdzdᵛ ʔ ʃ tsdzʜtsdʒ(Londe) ɑ[fɳjsᵚ ʙʰ jˌdzdᵛ ʔ ɪ ɑ[dɕɨˌ ɑ[ʌ jˌtɕɨ. ʃ ʜdzsʔ tsfɳjsʙjˌ, dzʘⵎtsʜʷʰ jˌʔfɳʷ ɔ gɑ[tʃᵚ tsfɳjsdʒdzʘdʒɔlzdzɑ[ʟdʒjˌ, ʃ tsdzʜ tʃtsʕʘLʳ ɔgʘlsʕʘdsɑ[dzᵛ, dzʘʕtslststɑtsʔ ɑ[ʟtsʙtɑʘɻjˌdzᵛ ɻ ɑ[tɕɨˌdɕɨˌɑ[, ɑ[gɑtsɔtstɑɑ[ls: ç ɻ tsfɳdʒslstɑɑ[lsjˌ, ɻlsts ɔʘᵘ tʃtstɑsdsɑtɕɨˌls, ɔʳ ʟʜjˌfɳ fɳjsɔjˌtɑʰ jˌdzdzts gɑtsdzʘʸè. ɪ ʳ ʔʜʷ ɑ[ʟ gɑ[tʃdzsfɳjsdʒdzʘdʒɔlzdɑ[ʟdʒʘɑ[ʟdʒjˌ, ʃ tsdzʜ ɑ[ʟtsʙtɑʘɻjˌdzdzɑ[jˌ ɔ gɑtsdzsdʒɔɑ[ʜjˌ, tsdzʘʕtɑʘʔdɕɨˌtɑʘʟgɑdɕɨˌɔʘdzʘɑ[fɳ, fɳⵎɔʘlsɑ[dzʘɑ[tɑʘʟtstɑɔʘdzʘʕʘdsɑ[dzᵛ. ɻ tɕɨˌʜlzfɳdʒslstɑɑ[lsjˌdzˑdzs fɳᵘ lstsʔ ʕʘdsɑ[dzᵛ fɳʜjˌdzʘdzɑ[ʷ tslstsgɑtɑʘᵚ ɑ[ᵚ . ɪ tʃtsfɳdɕɨˌʜfɳsɔɑ[ɑ[ʕ;ʘɻ ʜʳ ʔ tɑʘʟ, ʕtsgʜʘ tsdzʘjˌjˌ ɔɑ[ʜjˌdzʘ, tsdzʘɔɑ[ʜjˌdzʘʃɳjˌʙʷ gɑtsdzsʔ ɑ[ɔ ʷtɑtsfɳjsɑ[lststʃʘdzʘdzsgʘdʒɑ[. ɸ ɔlststɑᵚ fɳjstsʙʰ ʘʸ ls, uɬsts tʃtsʃtɑtsʰ jˌfɳjsɔɑ[ɑ[ʜʰ lzⵎ dɕɨˌls fɳɑ[lszʘuɑ[ᵚ dɕɨˌ ɑ[ʟdʒjˌdzɑ[dzʘfɳ (ɪ ɑ[dɕɨˌ ɑ[ʌ jˌtɕɨ, 1890, fɳ 178).

ɻ tɑtsᵚ jˌfɳjsɑtɑ[ˌ. ɸ. ʌ tstɕɨˌdz tɑʘfɳjsʘLʳ ɔʘlsts ʙ ɻʕfɳjˌtɑ[dʒjˌdzsjˌ, ʕtslststɑʳ ʔ tʃtɑtsɔjˌdzʜ-tɑʃ jˌɔʰ dzfɳtsdzˌ ɾ ɔʘ gɑtsʜʘtʃtɑtsʰ dzts fɳlstsgɑts ʜdzᵚ, ʕʘʕ ʃ jˌɔɑ[dzfɳtsdzˌɔdzdzʰ ɑ[dztsʜdzsʔ dʒtsdzsʜtsʔ ʜjˌɔlzʰ ʕjˌ, uɬsts tsdzʘtʃtsdzzuɑ[dzʘɔ tʃtsʜjˌ tɑtsʕ ɑ[ʟ ɸ dʒfɳsjˌtɑʜʘdʒʘtɑtsʟlz. ʕ lsʘçtɑtsʟʘè lsʘʕ jˌʔ tʃtsdzɑʘɔɑ[dzʘfɳ, uɬsts tsdzʘtʃtsfɳjsʘɔɑ[dzʘjˌjˌ ʜtsdʒʘɔ ɔʘlz fɳɔtsʜtsʔ ɑ[ɔ lsjˌuɬjˌdzɑ[jˌ ʜɔlzⵎ dɕɨˌls dʒjˌdzᵚdzʘɔtsʜlz. ɾ jˌʰ lzʰ ʕʘtɑʘʜtsfɳjsdzɑs lʘʸɔdzᵚdzʘ uɬsts çtɑtsʟʘè fɳjsⵎtɑʘdzᵚjˌ ls uɔjˌ ls ɑ[ʟʘʃʘⵎ. ʂ tsgʜʘjˌjˌ lzʙjˌʏ ʜʘdzɑ[, uɬsts fɳdzʘfɳjstsʷʰ jˌʔ tɑtsʟtsʔ lsʘʕtsgʜtsdzɑ[ʕtsgʜʘdɕɨˌ] tʃtɑtsɑ[fɳⵎtsʜɑ[ls, ʜjˌɔlzʰ ʕʘtslsɔjˌlsɑ[dzʘ, ç uɬsts ɻ lsts, ɔjˌtɑtsʷlsdzɑs, lsʘʕtsʔ tsfɳjsʙjˌdzdzᵛ ʔ, ɔʳ ɔjˌʜjˌdzdzᵛ ʔ ɔ ɻtsdzdzʘdzʜɑ[ɑ[fɳjstɑlstɑtsʟ, ɑ[ɻlsts tsʙfɳjstsʷlsjˌdzˑ fɳjsɔtsjˌjˌjˌʰ jˌ ʙtsdɕɨˌjˌ ɔtsfⵎɑ[ʰ ʘˌjˌlsɔ dɕɨˌʔè (ʌ tstɕɨˌdzˑ, 1911, fɳ 44)).

ʜ dzˑuʘˌlsfɳʸ, uɬsts gʘdzdzɑ[tsuɑ[dzʘuɑ[ɑ[dɕɨˌ lstsdzˑʕts dɕɨˌ ɑ[fɳˌjˌʟʘᵘ ls fɳɕʘʟz, tsdzʕ ɑ[ʟgɑdzʘɻɑ[ɔʘᵘ lsgfɳʸ tʃts uʘfɳjsʷdʒ ɹ tslstʃtɑɑ[dʒjˌtɑ. ɹ fɳʏʙʙʙtslslz, 12 ɑ[ᵚ dzˑ. ʃ ɹ jˌʙts ɔdzˑtʃtʃʘˌlsdʒʘʜjˌdʒʏzʘlˌjˌdzˑ ɸ dɕɨˌlslsjˌ, uɬsts tʃtsfɳjsɕɨˌ ʜjˌgɑ[tʃdzslsɑ[ʟʘuɑ[ɑ[tsdzʘlzɔʰ ʜɑ[ls fɳjˌʙʷ ɔ gɑtsdzzʙtsdʒtʃdzɑ[sᵘ jˌ, Ofɳtsᵚ tʃtsʜtɑzgɑlz ð ɔ tɑtsʟtsɔtsdʒ ɹ ɻlsts ɔtɕɨˌdʒʷ tsʙjˌ ʙʳ dzˑ[tsʜjˌlsʳ ɔ uɕjˌtɑdzˑ jˌ tʃdzʘsᵘʷ. ɻ dzʘsᵘ jˌ ɸ dzɑ[jˌlslsʳ ʕʘʟʘdzsfɳ jˌʔ gɑtsdzzʙʳ dʒʜts ɔtsfɳ[tɕɨˌfɳɕɨzsgɑts ɔjˌuɕjˌtɑʘ ɹ tʃtsdɕɨˌʜjˌdzˑ dzˑ[ʕ lzltɑtsdʒtsdzʘjˌʰ jˌ ɔɑ[ʜɑ[lsfɳᵚ ɔtsfⵎɑ[ʰ ʙʕjˌ, dzsɑ[lzʏjˌ fɳuɕjˌtɑdzˑ dʒ ʕtstɑfɳʘʏjˌjˌdʒ ɑ[lstsdzˑʕts ɔ tʃtsdzɑjˌdzˑ tʃtsʰ jˌʜjˌdzˑ dzˑ[ʕʘgʘdzdzᵛ uɑ[dɑʘuɑ[ɑ[tʃtsdzdzsfɳjsᵚ ɑ[fɳuɕjˌlzdzˑ.

ʆ ɢʶ fŋ͂s ʌ tstɕʝ dʑ

ʆ ʳ ɥʘfŋ͂sts lʑtʃtsdʒɕʃdʑʘdʑɕʃ ɕʃ ʝ ʰ ʝ dʑʝ tɐʘʟ ʙlʑʜʝ dʒlʑtʃtsdʒɕʃdʑʘlsʳ ɕʃdʒʷ ʆ ɢʶ fŋ͂sʘɸ dʑtɐɕʃ ʌ tstɕʝ dʑʸ, ʢtɐdʑtʃ dʑʝ ʡʰ ʝ ɢts ʰ ɘʝ ʡ ɥʘtɐfŋ͂tsɢts dʑʝ ɘtɐtsdʑtsɢʘ, tʃ fŋ͂ʃ ɕʃʘlstɐʘ, ʴ dʑlststsdʒtsdʑtsɢʘɕʃ ɢɕʃtʃ dʑtsdʑtsɢʘ, lʑɥʝ dʑɕʃʢʘʆ ʝ ɕʃdʑʝ tɐlsʘ, ʢtslststɕ ʡ ɘtsʜɕʃdʑɘ ɕʃʟɘʝ fŋ͂sdʑlʑʶ ꞁ ʘdʑfŋ͂ʃʡ fŋ͂lʑʶ ʰ ʢtsdʑlʑ ɢɕʃtʃ dʑtsdʑtsɢɕʃɕʃ. ʏ ʝ dʒʞ ʝ tʃ tɐtsfŋ͂dʑʘɘɕʃdʑfŋ͂ʸ fŋ͂ʝ ʡ lʑɥʝ dʑ ʡ?

ʆ ɢʶ fŋ͂s ʌ tstɕʝ dʑ , ʙlʑʜlʑʰ ʝ ʝ fŋ͂ɸʝ lsɕʃdʑts dʑʘlʑʢɕʃ, tʃtsʷɘɕʃdʑfŋ͂ʸ dʑʘfŋ͂ɸʝ ls 1 fŋ͂ʝ dʑlsʷʙtɕʷ 1848 ɢtsʜʘɘ ʐ ɘʝ ʡ ɥʘtɐɕʃɕʃ, dʑʘʙʝ tɐʝ ɢlʑ ɾ ʝ dʑʝ ɘfŋ͂tsɢts tsʟʝ tɐʘ. Ꞁ 1873 ɢtsʜlʑ, fŋ͂ʃ lʑfŋ͂sʷ ɢtsʜ tʃ tsfŋ͂dʑʝ tsʢtsdʑɥʘdʑɕʃʷ dʒʝ ʜɕʃɥɕʃdʑfŋ͂ɕʃ ʬ ʘʢlʑdʑ lsʝ lstsɘ ʎʶ tɐɕʃ fŋ͂tsɢts ɕʃ Ꞁ ʝ dʑfŋ͂tsɢts lʑdʑɕʃɘʝ tɐfŋ͂ʃlsʝ lstsɘ, ʌ tstɕʝ dʑ ʙʳ dʑdʑʘʟdʑʘɥʝ dʑʘfŋ͂fŋ͂ʃfŋ͂sʝ dʑlststsdʒɘ dʒʶ dʑʝ dʑfŋ͂lʑʶ dʑʝ ɥʝ ʙdʑɕʃɥlʑ ʜdʑʸ lʑdʒʘdʑɕʃʰ ʝ dʑdʑ. Ꞁ 1877ð 1879 ɢtsʜʘ ʌ tstɕʝ dʑ fŋ͂sʘdʑtsɘɕʃlsfŋ͂ʸ ʘfŋ͂fŋ͂ʃfŋ͂sʝ dʑlststsdʒʟʘɘʝ ʜlʑʶ ʰ ʝ ɢts ʢʘʬ ʝ ʜtɐtsʡ tʃ fŋ͂ʃ ɕʃʘlstɐɕʃɕʃ ʆ ʶ dʑʝ dʑfŋ͂tsɢts lʑdʑɕʃɘʝ tɐfŋ͂ʃlsʝ lsʘ, ʟdʑʘdʒʝ dʑɕʃlstsɢts ɪ ʝ tɐdʑʘtɐʜʘʬ tsdʑɭ lʑʜʜʝ dʑʘ*.

Ꞁ 1879ð 1906 ɢtsʜʘ ʌ tstɕʝ dʑ fŋ͂sʘdʑtsɘɕʃlsfŋ͂ʸ tʃ tɐtsʬ ʝ fŋ͂fŋ͂tstɐtsdʒ lʑdʑɕʃɘʝ tɐfŋ͂ʃlsʝ lsʘɕʃ ʜɕʃtɐʝ ʢlststɐtsdʒ ʢʘdʑlststsdʑʘdʑ dʑtsʡ tʃ fŋ͂ʃ ɕʃʘlstɐɕʃɥʝ fŋ͂tsʡ ʙtsdʑ dʑɕʃɥʳ ɪ lʑtɐɢʸ dʑ ɥdʑɕʃ (Burgholzli) ɘ ʎʶ tɐɕʃʝ . ʂ dʑɕʃdʑɕʃʢʘ ɪ lʑtɐɢʸ dʑ ɥdʑɕʃ ʙʳ dʑʘtsɢtɐtsdʒdʑ dʒʢʘdʑlststsdʑʘdʑ dʑ dʒtʃ tɐɕʃʶ lststsdʒʜdʑʸ lʑdʒʘdʑɕʃʰ ʝ dʑdʑ fŋ͂fŋ͂lsdʑʸdʒɕʃ ʢtsʝ ʢ. ʆ dʑʘ ʙʳ dʑʘfŋ͂ɸʷʟʘdʑʘfŋ͂ʎʶ tɐɕʃ fŋ͂ɕʃdʒ lʑdʑɕʃɘʝ tɐfŋ͂ʃlsʝ lstsdʒ ɘ dʑʝ ʡ tʃ tɐtstsʜɕʃdʑɕʃ tʃ tsʜɢtslstsɘʢlʑ fŋ͂slʑʜʝ dʑlsʳ -dʒʝ ʜɕʃʢɕʃ, dʑts tsdʑʘɘfŋ͂ʝ ʞ ʝ dʑɕʃfŋ͂tsdʑ ʢts

ɪ ʝ tɐdʑʘtɐʜ ʬ tsdʑɭ lʑʜʜʝ dʑ(Bernhard Aloys von Gudden, 1824ð 1886) ð ʟdʑʘdʒʝ dʑɕʃlsʳ ʡ dʑʝ dʒʝ ɥʢɕʃʡ tʃ fŋ͂ʃ ɕʃʘlstɕ ɕʃ dʑʝ ɘtɐtstʃ ʘlstsdʑtsɢ, ʘdʑʘlstsdʒɕʃ ʬ ɕʃʟɕʃtsdʑtsɢ, tʃ tɐtsʬ ʝ fŋ͂fŋ͂tstɕ dʑʝ ɘtɐtstʃ ʘlstsdʑtsɢɕʃɕʃ ɘ ʎʶ tɐɕʃʝ , ʟʘɘʝ ʜlʑʶ ʰ ɕʃʡ ʢʘʬ ʝ ʜtɐtsʡ tʃ fŋ͂ʃ ɕʃʘlstɐɕʃɕʃ ʆ ʶ dʑʝ dʑfŋ͂tsɢts lʑdʑɕʃɘʝ tɐfŋ͂ʃlsʝ lsʘ, ɥdʑʝ dʑʆ ʶ dʑʝ dʑfŋ͂tsɢts ʘdʑlstɐtstʃ tsdʑtsɢɕʃɥʝ fŋ͂tsɢts tsʙʰ ʝ fŋ͂sɘʘ.

ʆ ɢʶ fŋ͂s ʬ tstɕʝ dʑ

fɳɣɤɬ ɟ ɕʑɤʃɕ* fɳʂʟɕʑʘɕʑɤʃʷ, ɥɬsʦ ɕʑɧ ɕʃʟʙ ɟ ɤɬ ʑʦs ɘʳ ʟʳ ɘɕʘ ɬs ʧ ʦsɕʑɤʃɕ ɬ ɟ ɕʑɤʃɟ ʕ ʦɕʃɬsɕʃɥ ɟ fɳʕ ʦsɕʦ ʦɬsɕʑʦʰ ɟ ɕʑɤʃʷ ʕ ʦʂ⁼ʦɛʑɤɬ ʘʸ ʰ ɟ ɕʑɣʑ. ɾ ʰ ɟ ʦsʜɕʑʦ ⁼ʘɛʘ⁼ʕ ɬsɟ ʦɛɕʑʦsɟ fɳʂʦʂ² fɳʂɘʦs ɢʘɕʑɕʑ ɥɕʃɕʑ ʦɬsʦʦɛɕʑʦsɢʦs ɬsʦʦsɥɟ fɳɳʘʟʘʕɕʑ ɥʘɟ ɬsfɳʷ ɘ ɬsʦɕʒ ɥɬsʦs ʦɕʑzfɳʂʷʟʘɛʑfɳɕʑʘɳʧʦɛʘɘɕʑɟ ɕʑɤʃɟ ɕʒɘɕʑʰ ɕʒʘɛʑʃʷ; ʦɛʘɬɘɕʃɘʘʸ ʰ ʘʸfɳʸ ɢʘɛʑɕʑ ɥɕʃɕʑɥɕʃʷ ɕɟɤʃʟʙ ɟ ɤɬ ʑʦs ʧ ʦɛɕʃɘɕɟʕ ʘɟ ɕʑɤʃɕʒʘɛʑʃɟ ɢʘɛʑɕʑ ɥɕʃɕʑʦɛʑzᵍ ʰ ɟ ɟɢʦs, ʧ ʦsɢɛʑʦʰ ʘʸ ɟ ɟɢʦs ɘfɳɟ ɥɟ ɕʑɧ ʦɛʑɕʑ ɥɕʃɕʑɥɕʃʷ ɕɟɤʃʟʙ ɟ ɤɬ ʑʦs ʧ ʦsɢɛʑʦʰ ʘʸ ɟ ɟɢʦs ɘfɳɟ ɥɟ ɕʑɤʃɕʒʘɛʑʃɟ ɢʘɛʑɕʑ ɥɕʃɕʑɥɕʃ² ɕʃ ʟʘʕɕʑ ɥʘɟ ɬsfɳʷ ɢɕʑɘɕʑʘɳʧʦɛʘɘɕʑɟ ɕʑɤʃɟ ɕʒɘɕʑʰ ɕʒʘɛʑʃʷ ɕɟɤʃʟʙ ɟ ɤɬ ʑʦs ʧ ʦsɢɛʑʦʰ ʘʸ ɟ ɟɢʦs ɘfɳɟ ɥɟ ɕʑɤʃɕʒʘɛʑʃɟ ɢʘɛʑɕʑ ɥɕʃɕʑɥɕʃʰ ɟ ɕʑɤʃɟ ɕʒɘɕʑʰ ɕʒʘɛʑʃʷ; ɬ ɘɕʃɘʘʸ ʰ ʘʸfɳʸ ɢʘɛʑɕʑ ɥɕʃɕʑɥɕ

ʀ L ʃ j ʔ ʜj dzɷ, ə·dzt j dzsj tæɠj dʒ ʜj ʃ tsdzʃ, ʃ . ʌ tsɠls ɾʷ fiɸdʒ ɾ ʜtæzɠ[j lzuj dzʃʕɾ l ·dzfiqʃʔ fiʃ tsʔ ʰ ʕtsdz , tsfiqtsəʳ ə·ʸfiɲ dz·dz·ʙdz ʜj dzʃʷ⊐ L·dʒdzsɠ[dʒʃ lsʳ fiɲʸu·dʒʃ L·ɠ[ʃdzslsɾLɾtæsə·dzdz⊐, L·ʸədzʲj dʒ ʕ·lsj ɠtstæɾuj fiʃɾ: lz dzɾu, dz·⊐tsʜɾəʰ ɾ⊐fiɲʸ ə dz·ʸ j dʒʃtsdz Ltsə·dzʃɾ, dʒʳ dzɸ əɾʜj dzɾ ʃtsʜ ədzʷdzʃj dʒ ɠ[ʃdzsL·dzʃ tsʜdzsɠts fiqtzuʸ tæfiɲstæs?fiʃsə·ʜlzʰ j ədzsɠts ɾ[dzɾ ʷɾ[ɾ[uj fiʃtsɠts Lʜtstæsəɪʷ, ·) dz·sʙtstæsls, ʕtsdzfiʃs·ls[tæsə·dzɾ tsuj dz dʒdzsɠts fiqtzu·j ə ɾLdzɸuj dzʃʷ ɾ lzdzzuʰ j dzʃʷ Lʜtstæsəɪʷè (ʌ tstæj dz , 1911).
ʜ tæ·ədzɾəʸ ɠ[ʃdzsfiʃsdʒdz·dʒʙlzdzɾLdʒ fɲʜlzʰ j ədz dʒɾ tæfiɲstæs?fiʃs·dʒɾ, tsʙʳ ʕdzsəj dzzdzs lzʃlzfiʃ·ʸ ls ɾL ədʜlz, uɬsts fiɲʃj uɾʃʷ ɾ[ʕts? fiʃsdʒdz·dʒʙlzdzɾLdʒ·ʷədzʲj lsfiʸ ətsfiɲʃtæɾɾ[dʒuɾətsfiʃsʰ ʕ ədzzʰ j dzʃʸ , lstsɠʜ·ʕ·ʕ ʃtæɾ ʜlzʰ j ədz ⊐ ʙtsdɸ Ldzʲʷdzʲ⊐ ls·ʕts? ətsfiɲʃtæɾɾ[dʒuɾətsfiʃsɾ[dɸ ls. ʀ dz·uj dʒʳ dʒtsɠdzɾ[ʙʳ ɾ[fiɲj dzʲls ədzzʰ j dzʃj dʒ ʃfiɲ⊐ɾ[uj fiʃɾ[j tæfiɲstæs?fiʃs·) ·ʰ lsts dɸətsLdʒtsɤ dzts. l ·ʰ lstsls fiɲj ls ʌ tstæj dz ɠtsətstæɾ[dz çʂ ·ʕ tsʙʰ j j ʃtæ·ɾ[dzts fiqɸʜlzj ls ʃtæɾ[Ldz·ʕs , uɬsts əʃʸʕ·ʸ ʜlzʰ j ədz·ʸ ʙtsdɸ Ldz ə Ldz·uɾ[lsj dz dzs? dʒj tæj tsfiqz·ʙdzʲj ls, j fiqzɾ[dɸ ətsəfiɲ tæ·ltædzʰ ·) ls ədzzʰ ·) dʒtsfiʃsʰ è. l ɠ[ʃdzsfiʃsdʒdz·dʒʙlzdzɾLdʒj ʜtsfiʃs·lstsuzts ʃtæɾ[ʕ·L·lsʰ : ç1 tætsfiqzɾ[lsj fiɲ è ð ɾ[fiʃsfiʃstsʷdzɾ[j dʒj dzʷj lsfiʸ, dzts dɸ ls ls·ʕts? ʃfiqʃ⊐ɾ[uj fiʃʕts? ʙtsdɸ Ldzɾ[, ʕtslststædzᵍ dʒtsɤ dzts ʙʳ dzts ʙʳ ls·ʕ ʙʳ fiʃstæts tsʙlzLʜ·ls . ʀ dz·uj ɠtsətstæʷ, ç ʃtsdzj ʰ ·ls j dz fiʃətsè, əʳ Lʳ ə·) dʒtsj ə fiʃsdʒdz·dʒʙlzdzɾLdzj , dʒtsɤ dzts lstslsu·fiɲlzdzɾ[uɬstsɤ ɾ[lsᴵ , lstsɠʜ·ʕ·ʕ ʙtæj ʜtsəʳ j ɾ[ʜj ɾ[, tsʙlzfiqtsədɸ dzɸz j ʜtædzɠ[dʒʃ ʃtæɾ[uɾ[dz·dʒʃ, dɸ ʜtsfiʃstzʃdz ədɸ j ʃtæɾ[uɾ[dz·dʒʃ, dɸ ʜtsfiʃst

ʃ qʃ⊐Oɑʃqdzzɻ tsʔʷ̬ʲ̬jls

dʑOᵑ jɻʔ tʃfɳqʃ⊐qʃɬqʃ. ʕ lsts tsfɳtsʙjɻdʑɑʑs ʟOɑʒjɻlsdʑs ɵ lsʰ tstɕuɻfɳksɵjɻ ʙtsdzʰ qʃ⊐ tʃqʃfɳqʃOlsjɻdʑɻʔ, ʕtslststɕᵍ dʑɻ ɵ ʙlzʕɵOɑlz dʑsdʒfɳqʃʒʳ fɳqʑɻ fɳqʃzʰ Oɬsqʃ ɵqʃʜʷlslsts, ɳʟsts tʃtɑtsqʃfɳ⊐tsʜqʃlsfɳjɻ qʃ⊐ gɻtɑtsʷdʒʃ.

ɭ Oᵑ dʑʃfɳj lzɳɻdzʐ jɻ, tʃʳ lsOɔʰ qɻjfɳʸ ʜtsʕOɻLOɬᵍ, ɳʟsts dʑɻ lstsdzʐts fɳtsdʒkdʑOɑlzʙlzdʐ , dʑsqʃ gɻjɻdʑʃqʃOɑlzdzʐjɻ dzʐ ʜqʃð ɻlsts ls jɻ ʞɻj fɳlzdʒOʃɳʰ jɻʜʰ qʃɻj. ʌ tɑOɑlzɳlzLfɳʃqʃʔ tʃfɳqʃ⊐qʃOstɕʃ tstɑtsʜɻj ʊlzɳtɕɵ. fɳɸtsɻdʒqʃfɳfɳɸɻʜtsɵOɑʃqʃ çʃ tʃOstsdʑsɢqʃɳɻjɻfɳʕtsʔ tʃfɳqʃ⊐tsdʑsɢqʃqʃ ɵ ɻjɻ tslsdʑsʰ jɻdʑʃqʃʕ ʷ̬ʲ̬qʃdʑsfɳtsʷ̬ʲ̬qʃqʃ qʃqʃfɳststɑqʃqʃè ((1859) ɵʳ ʜɵqʃɢɢɻls lstsɳɢʕlz Ltɑɻjdzʃʷ, ɳʟsts çɢɻjdzʃʔ ð ɻlsts dzɻɵtɑtsLè, ɳʟsts çʜlzʰ jɻɵdzʐ ʔ fɳʕdʑOʜ gɻjdzʃʷ qʃ ʙɻjLzdʒɳOtsʜqʃdʑɢʕtsɵè. ʜ dʑʃqʃdʒfɳtsɢdʑɢfɳqʃdzfɳʸ ʂ OʙOɑlzʃɳ fɳʕOLOɵ, ɳʟsts çɢɻjdzʃʔ ð ɳɻjdzsɵɻʕ dzɻɸLʜtstɑtsɵʳ ʔè. ɭ Oɻftsdzɻtsdzɻ.ɭ !

ʳ fɳʕOLOɑlzLdzɢOɑzɻjdzʃʟstsdʒlz tʃfɳqʃ⊐qʃOstɑdz ʕ fɳʕqʃtɑtsdzʐ fɳɸtsɻ fɳɸstsʙtɕO⇂ɻjɻdzʃʟɻjɻdzɢOᵑtʃtɑɻjʜdzɻjɻlstsʙʰ dzsfɳtsqʃ dzɻjʞʜlz ʙɻjLzdʒdzʐ dzʒqʃ gɻjdzʃʟOɑlzdzʐ dzʒɳɻjdzsɵɻʕtsdzʒ çʃ ʜdzʑOqʃ lsO⇂ɻj fɳɸtsfɳtsʙdzsfɳtsᵘ ʕ ᵂ̬ʷ̬OɑlzsOLqʃqʃ,ð gɬtsɵtstɕʰ dz ɭ Oɻftsdzɻtsdzɻð lzdzsfɳqʃlsʕ fɳqʃOɵjɻ qʃ ɵɵjɻtɑgɢɻjls ɵ ʜtsdʒlzdʒOɑzʃʰ jɻdzʐ ⊐è.↴ ts jɻgɬts dʒdzɻdzʃᵏᵍ , ᵂ̬ʷ̬OɑlzsOLqʃʷ fɳtsLʜOɻjls qʃ ɵqʃʜɻjdzʃʷ fɳlzdʒOʃɳʰ jɻʜʰ jɻgɬts, qʃ tsʙtɑOLʳ ⊐lzʜtsʞdzʃʕO

ʂ fɳtsOlsqʃ, ɻlsOlststɳʕOLtɕ>jɻdzʃʷ tʃtsfɳqʃlzʞqʃqʃOɵjtsfɳqʃɻjʜfɳtsɵqʃqʃ qʃfɳ⊐tsʜdzʐ dʒtʃlzdʑʕlstsdʒʜdzʷ ʃ tsdʒʙtɑtsLts ɵ jɻgɬts qʃʜɻjʷ⊐ ts gɻjdzʃʟOɑlz dzʒsfɳtsqʃ qʃ tʃtsdʒjʰ Oɬsjɻdz fɳtsɵjɻ. ʃ tsdʒʙtɑtsLts ʙtsdzʰ jɻ ɵfɳj⊐ tʃtɑqʃdzʒʞqʃqʃdzlzfɳqʃdzʃʔ, tʃʳ lsOᵛfɳ ʜtsʕOLOɬᵍ tɑtsʜfɳtsɵᵡ gɻjdzʃʟOɑlz dzʒsfɳtsqʃ qʃ gɬtʃtsdʒjʰ Oɬsjɻdz fɳtsɵO; tʃtsfɳqʷlsqʃɵ ʜjɻfɳʸlsʕqʃ fɳtsɵtɑOdzʃɳɻɵ fɳqtsjɻʔ qʃLɵjɻfɳtsdzʒʔ ʕdzʃqʃgɻ tstʃqʃfɳʟOdzʃᵡ çʙjɻLzdʒfɳtsɵè gɻjdzʃʟOɑlz dzʐ ⊐ dzʃɳɻdzsfɳtsjɻʔ, tsʙʰ dzsfɳtsqʃ qʃ⊐ tʃtsɵjɻʜjɻdzʃʷ qʃ tʃtsɵjɻʜjɻdzʃʷ ʜlzʰ jɻɵdzʒsʙtsdzʐ dzʐ ⊐. ʃ tsdʒʙtɑtsLts ɵ ʕtsdzɳjɻ ʕdzʃqʃgɬqʃ, ʕOʕ ʙʳ fɳtsOɑOᵛfɳ fɳʒʷgɬɳʃqʃlsᵍ fɳʕOLOɑlzdzʒsjɻ, tsgɬtsɵOɑɵqʃɵOɻjlsfɳʸ, ɳʟsts tsdzʐdzɸ ʜjɻdzʃɻjʕtɑOʔdzʃʔ ɵʳ ɵtsʜ: gɻjdzʃʔ ð ɻlsts dzɸɵtɑtsL, lzdʒtsʃtsdʒjʰ Oɬsjɻdz fɳtsɵts (ʃ tsdʒʙtɑtsLts,, 1892). ʃ OʕfɳlstɑʜOlzɵfɳɸtsjɻʔ ʕdzʃqʃgɻ çɭʳ tɑtsʞʜjɻdzʃɻjè gɬtsɵtstɑqʃls, ɳʟsts dzɸɵfɳʸʕqʃʔ ʙjɻLzdʒjɻɳ ð gɻjdzʃʟʔ, dzsɵfɳʸʕqʃʔ gɻjdzʃʟʔ ð ʙjɻLzdʒjɻɳ (ɭ tstɑʜOlz, 1896, 1898). ʉᵡ ʜOʞɻj dʒtsʞdzsɵ tʃtɑqʃfɳtsɵtsʕlzʃqʃlsᵘ OdzɢOdzsɢqʃɳɻdzsjɻ ɵʳ fɳʕOʳ ɵOdzʃɻj ʃ ʞɻjdʒfɳOʉʸ dzdzʃ (1843ð 1923), Odzɢdzʃʔ fɳʕtsgɬts tʃfɳqʃ⊐tsdzsgO(ʉʸ dzdzʃ, 1895). ʂ tsdzʃɳɻfɳksɵts tʃtsʜtsʙdzʐ ⊐ fɳtsɳɻqʃdɸdzʃʔ, ʜjɻdzOᵑ ʃʰ qʃ⊐ LOʕdzʐ ɳɻjdzʃʷ tʃts dɸʜtsfɳksOlstsɳɻdzsdʒlz ʕtsdzʃɳɻfɳksɵlz tʃtɑqʃLdzɢʕtsɵ, ɵjɻdzʃʕts.

ɭ jɻ fɳjʕtɑjls, ɳʟstsɵ ʕtsdzɳj XVIII qʃdzɢOɳɻdɸ XIX ɵjɻʕOdʒkdzsʞjɻfɳksɵts ɵtɑOɳjʔ qʃtʃfɳqʃ⊐qʃOstɑtsɵ fɳɻqʃlsOɑlzʃ gɢqʃtʃdzsfɳtsdʒkdzɢOɑkʙlzdzʃLdʒdzOʜlzɵOlsjɻdzʐfɳksɵtsdʒqʃdzʃ ɳɻjdʒ-lstsjɻʰ jɻ ⊐lzʜʰ qʃdʒ ʃ ʙɵqʃdɸdzʃʷ tʃts ɻlstsdʒlz tʃtsɵtsʜlz ʙʳ dzʃ ɳɻOfɳksʳ dʒʃ qʃ ʜtsfɳksOlstsɳɻdzs tɑjɻLʕqʃdʒʃ. ɭ ɻlstsʔ fɳᵡLqʃ ʌ tɑjʔʜ gɬtsɵtstɑqʃdzçʃ ᵡfɳts dzʃqʃdʒOɑlzs dɸ fɳksOɑlzɵqʃlsfɳʸ ⊐lz⇂jɻ tslslststɢts, ɳʟsts ɵjɻgɻlsOɑɵqʃOɑlzɑʳ ɵ fɳtsjʔ ʷtɑsfɳksqʃ gɬtsɵtstɕʷlsts dɸdʒʕOʕ ts tʃOʜOɑlzʃ;

ɬ ɟ tɐ·fɳʕtɕʳ lsʳ ɟ lsʘʔdʐ ɠɑʃʧdʑsʟʘ
ʧtsuɻ dʒz ʧfɳʃ˥cʃuɻ fɳʕtsɻ əʤɑʃʷdʑʃɟ , ʕʘɬcʃdʒʷəʤʸɟlsfɳʸ ɠɑʃʧdʑsfɳʂtsdʒʤʘdʒ-ʙlzdʑɑʃʟdʒ ʜtsdʑɬ dʑs lsɻtɕʷlsᴵ ə fɳʂtsɻdʒ
ʜtsfɳʂtsɑʃdʑfɳʂəɻ ɑʃʤɑʃ ʟdʑʘuɻ dʑʃɑʃ tslslstsɠts, uɬsts ʕtsdʒz-lsts əʟʜlzdʒ·dʑsfɳ dʑʘʟəʘlsᴵ ɟ ɠts ʜlzʰ ɟ əʤʑ dʒ
tɐ·fɳʃʂtɑtsʔfɳʂətsdʒè (ɾ ɤ tsdʑfɳ, 1997, fɳ, 128).

ʊɻ tsʜtstɕ∫ ɟ ʔdʑɬɑls, ʟdʑʘdʒɻ dʑʃlsʳ ʔ ʧfɳʃ˥cʃʘstɕ, ʧɑʃfɳʘdzə 1889 ɠtsʜlz, uɬsts ɠɑʃʧdʑslsɑʃʟdʒçdʑʃʟətsʜɑʃls
uɻ dʑsəɻ ʕʘʜts fɳʂfɳʂtsʷdʑʃʷ ɤ ɑʃətslsdʑsɠts ʙɻ ʟ ətsdʑʃ ɑʃ tɐ·fɳʃʃzʜʕʘɑʃ dʑʃʰ ɹ lzfɳʕtstɕʷɻ ls ɻ ɠts dʑɬtɐədʑsɻ ɑʃ
ʧfɳʃ˥cʃuɻ fɳʕtsɻ tɐ·fɳʃʂtɑtsʔfɳʂətsdʒ... ∫ dzəʳ lʳ əʘɻ ls ɑʃfɳʕlzfɳʃʂəɻ dʑdʑzᵡ ʷʷtstɐdʒz tslsuɬzɤʜɻ dʑʃʷè. ʀ uɬsts ʙʳ dʑs
ʙʳ ʙtsdzʰ ɑʃdʒdʑɬfɳɻʘfɳʂᴵ ɻ dʒ ɻ fɳʂdʑʃ ʙʳ ɹ lsʘçʧfɳʃ˥cʃuɻ fɳʕʘʸ ɹ ʧɑʃʜɻ dʒʃʷ fɳʂɻʜɑʃ ətɐ·uɻ ʔè ʧtsdʑzuɑʃdʑʘ
tɐ·fɳʃtɑtsfɳʂtɐ·dʑɬ dʑʃɻ . ʌ tɐɻ ʔʜ əʳ fɳʂlztʃɑʃdzə lʘᵑ ɑʃlsz ɠɑʃʧdʑsfɳʂdʒ-dʑʘdʒʙlzdʑʃʟdʒʘɑʃ ʜʘdztslsʧtstɕdʑʕʧʘʜʕʘdʒ
ʃ ɟ ʔdɬɑlsʘ çɪtsdzʰ ɑʃdʑfɳʂətsdzʰ ʜɻ ʔ ətɕʷʜdʑʃtɻ ʜʧtsdʑʘɠʘᵑ ls, uɬsts ʃ ɟ ʔdɬɑls, ʕtslsstɕʳ ʔ ə dɬʕtslsstɕʳ ⊐
tsʙdʑfɳʂʷ⊐ dɬɻ ətɑstʧʘstsdtsɠɑʃɑʃ ʜtsfɳʂɑʃɠʳ lʟdʑʘuɑʃlsɻ dzdʑdtsɠts tstʃʳ lsʘɑʃ ʧtɑtsʷəɑʃdztsfɳʂtɑtsɻ ʧtsdʑʃɑʃdʒʘdʑʃɻ , ʧts
dɬʕtslsstɕʳ dʒʜtɐzɠɑʃdʒʧtɑtsʙdɬdʒʘdʒʧtɑtsʷədzʷɻ ls ʧtsdʑʃɑʃdʒʘdʑʃɻ . ʂ tsdɬuɑtsʰ ɻ ɻ dɬʧtsdʑʃɑʃdʒʘdʑʃɻ . ʂ tsdɬuɑtsʰ ɻ ɻ dɬʧtsdʑʃɑʃdʒʘdʑʃɻ . ʂ
əɻ dʑʃuɑʃᵡ , ə tsfɳʂʙɻ dʑdtsfɳʂɑʃ ʕ ɑʃdtsɻ dʑdɬʕlzʘdz dtsdʒz əɻ dʑʃuɑʃᵡ , ʧtɐɑʃdʘʜdɬʕɻ ɤ ɑʃls dzuʰ ɑʃdʒfɳʂtsʔfɳʂəʘdʒ
uɻ dʑsəɻ uɻ fɳʕtsʔ dʑʘlzɠtɕʳ , dtsstsdtsʜtsdzɑʃ dʑʃlsᴵ fɳʸ ʧtɐɑʃʟdʑʘlsᴵ ɹ lsts, ʕtsɠʜʘʧtɐɑʃ⊐tsʜɑʃlsfɳʸ tslsʙtɐʘfɳʃ əʘlsᴵ ə
fɳʂtsdtsdzz əfɳʸʕlzᵡ dʑʘʜɻ ɤ ʜlz dʑʘʧtsʜʜɻ tɐɤʕlz lsʘʕtsɠts ʘəlsdtsdtɐɑʃlsɻ lsdtsɠts lzuɻ dtsɠts ə lʘᵑ ɑʃlsz fɳʂʙfɳʂəɻ dʑdtsɠts
fɳzɤʜɻ dʑɑʃʷ, tsfɳʃtsəʘdtsdtsɠts dʑʘɑʃʟzuɻ dʑɑʃɑʃ ʷʷʘʕlsts əè (lsʘdʒɤɻ , fɳ, 135).

ɻ ɑʃʧɻ ɟ tɐɻ fɳʂɻ ʟɑʃʷ *

ɻ ɑʃʧɻ ɟ tɐɻ fɳʂɻ ʟɑʃʷ tsʙʳ uɬdtsdʑʘʙdzᴵ ʜGɻ lsfɳʸ ə dʑʘuɬʘdzdtsʔ fɳʂʘʜɑʃɑʃ tsfɳʂtɑtsətsʟdʑʕʘʰ ɟ ɠts ʧfɳʃ˥tsʟʘɑʃ
ʧtɐɻ ʜʰ ɟ fɳʂəlzɻ ls ʜɑʃʷʷlzʟdtsdʒz dʑʘʘdzʰ ɟ dʑɑʃᵡ fɳʂʟdʑʘʘdzɑʃʷ. ɻ ɑʃʧɻ ɟ tɐɻ fɳʂɻ ʟɑʃʷ ⊐ʘʘɑʕlsɻ tɐɑʃʟzɻ lsfɳʸ tɐɻ ʟʕts
əʳ tɐʘɻ ɟ dʑdzz dʒlzfɳʃɑʃdɻ dʑɑʃɻ dʒətsfɳʃtɐɑʃɑʃdʒuɑʃətsfɳʂɑʃ ʧtɐɑʃ əʦʟʜɻ ʔfɳʂəɑʃɑʃ tsʙʳ uɬdzʰ ⊐ ədɻʰ dʑɑʃ⊐
tɐʘʟʜtɐʘɤɑʃlsɻ dɻʔ: ʧtɐɑʃəʳ uɬdzʰ ʔ fɳɻ ls, ləlzʕɑʃ, lʘʧʘ⊐ɑʃ, ʧtɐɑʃʕtsfɳʃtsəɻ dʑɑʃʷ ʕ lsɻ dʑz ɑʃ ʧtɕ. tsʱ lzʱ Oʸ lsfɳʸ
* ɻ ɑʃʧɻ ɟ tɐɻ fɳʂɻ ʟɑʃʷ ð ʧtsəʳ ʰ ɟ dʑdʑʘʸ uɬzəfɳʂəɑʃlsɻ dʑʃdzdtsfɳʂᴵ ʕ ətsʟʜɻ ʔfɳʂəlzᵡ ʱ ɑʃdʒʘdtstɑGʘdzʰ uɬzəfɳʂə
tɐ·fɳʜtɐʘɤɑʃlsɻ dʑʷdʒ

ҫӧ ҫӳлӗхӗнче 3 сӑмах ытларах пулнӑ пирки ӗлӗкрех ӑнлантарнӑ пулатӑп. Ҫавӑнпа та ҫак ӗҫе ҫӳлӗхӗнче 18 сӑмах
ҫеҫ кӗтсе илтӗм. Ҫапах та ӑна ҫырса пӗтерсе, ҫырнине ҫӳлӗхрен вуласа тухсан, ӑна ҫырнӑ чухнехи пек
ӳсӗмлӗ мар пек туйӑнчӗ. Ҫавӑнпа та ӑна ҫырнӑ чухнехи пек ӳсӗмлӗ пулма пултарайман. Ҫапах та ӑна
ҫырнӑ чухнехи пек ӳсӗмлӗ пулма пултарайман. Ҫапах та ӑна ҫырнӑ чухнехи пек ӳсӗмлӗ пулма
пултарайман. Ҫапах та ӑна ҫырнӑ чухнехи пек ӳсӗмлӗ пулма пултарайман. Ҫапах та ӑна ҫырнӑ чухнехи
пек ӳсӗмлӗ пулма пултарайман. Ҫапах та ӑна ҫырнӑ чухнехи пек ӳсӗмлӗ пулма пултарайман. Ҫапах та
ӑна

ʙʳ dʑɖ ɖdʒ fɳʜȷ dʑOdʑ̃ ɘ tsʙdʑOfɲsɖ ɥlzɘfɲsɘ, tsʙtsdʑʷdʑɖʷ ɖ tsfɲʷʟOdʑɖʷ (Braid, 1843). ç ȴ ȷ fɲʑ̂ ȷ fɲsɘlzȷ ls fɲsdʒdʑ dʑɖʡ,ð ɢ̂tsɘtstɕɖls ɹ tsdʑɖ,ð ɥɷ ts ʧtsfɲɕȷ ʜfɲsɘtsdʒ ɢ̂ɖʧdʑslsɖɥȷ fɲ̃tsɢ̂ts ɘdʑzʰ ȷ dʑɖʷ dʒsʞ dʑs lzɘȷ dʑɖɥɖlsᴵ tsfɲstɕslslz fɲdʑ̄O ɖ lzfɲ̃tstɕɖlsᴵ ɘtɕȷ dʒʷ tɕȷ O̖ʡɥɖʡ dʑOfɲdʑ̄tsɘʳ ȷ ɖ tsfɲʷʟOlsȷ dʑ dʑ ȷ tsʱ lzʱ ȷ dʑɖʷè (ɹ tsdʑɖ, 1888, fɳ 54).

ʕ ʞ ȷ dʑɸ ʟOdʒ fɲstsʙʱ Oȷ ls ts fɲsdʒdʑOdʒʙlzdʑ , ʜȷ ɘɖɥȷ X., ʕtslststɕOʷ ɘfɲʷʕɖʡ tɕOʟ tɕȷ ʟʕts tslsʕɖʜʳ ɘOdʑOɢ̂tsdʑsɘlz dʑOʟOʜ fɳɘʳ tɕOʞ ȷ dʑɖȷ dʒ fɲstɕOʜOdʑɖʷ dʑOdʑɖɥȷ , ʕtsɢ̂ʜOfɲdʑ ʰ OdʑOʟɘlzʕ ɢ̂tsdʑsfɲOɸ ʟOdʒO tɕOʟɢ̂tsɘtstɕ ʧtɕɖfɲlzlsfɲsɘlzʶ ʱ ɖ̄ ɖdʑɖ lzdʑɖɥdʑ ʡ ʰ lzdʒ ʃ dʑOfɲdʑ ʰ OdʑOtɕOʟɢ̂tsɘtstɕʳ , ʧtɕtsɖfɲ̄tsʜɖɘʰ ɖȷ dʑOdʑɖʞ dʑɖ̄ ˩ lsOʞ Ō̖ ʟʜOdʑɖʷ. ʉ dʑz̄, ʧts ʜOdʑdʑ̃ dʒɸ ʟOdʒO ʜtsfɲsɖɢ̂Odʑlz dʑȷ ȷ lsO̖tsʡ tsfɲstɕslsʳ , ɥlsts lsɖʕOdʑ̃ȷ ɥOfɲsɘ tsdʑO fɲdʑ ʰ OdʑOdʑOtɕOfɲɲstsʷdʑɖɖ 8ð 9 dʑȷ lstɕtsɘ, ʧtɕɖɥȷ dʒɘfɲdʑ ʜfɲsɘɖȷ ˩ lstsɢ̂ts ʕOʟOdʑOfɲ lzlstsdʒdʑ dʑdʑsʡ ɖ fɲstɕOʜOʳ ʱ ȷ ʡ, ʕO̖ tsls ʰ lzdʒO˩ ʕɖʧOʞ ȷ ʡ, ɢ̂tɕtsdʒ̃ɖ̄ ɢ̂tsdʑsfɲsɘ ɖ ls. ʜ. (Azam, 1860, tɕ. 24).

ʄ . ʂ tɕɖlsɥȷ ls (Critchett), ɖʟɘȷ fɲsdʑ̃ ʡ Odʑɢ̂dʑɖʡfɲ̃ɖʡ tsʕlzdʑɖfɲs, fɲststsʙʱ ɖdʑɘ 1845 ɢ̂tsʜlz ɘ ʧɖfɲ dʑȷ ʕ ʕOʧɖlsOdʑz ɼ ʞ ȷ dʒfɲz, ɥlsts ʟOɢ̂ɖʧdʑslsɖʟɖtɕtsɘOdʑdʑ̃ ʡ ɖdʒ fɲzʙʲ ȷ ʕls fɲdʑ ʰ OdʑlzlsɖʕOdʑ̃ȷ ʕOtɕdʒOdʑdʑ̃ ̄ ɥOfɲsɘ, ʕlzʜOʙʳ ɖ̄ dʑɖ ʧtɕʷlsOdʑɖ, ʧtɕɖ ˩ lstsdʒtsdʑȷ ʱ ȷ dʑOʟʳ ɘOdʑdʒȷ fɲsts, ɢ̂ʜȷ fɲʧtɕʷlsOdʑ̃ ɥOfɲ (ɥɖls. ʧts: ʂ Otɕʃȷ dʑsȷ tɕ, 1878, fɳ 39).

ʀ ʟɘȷ fɲsdʑ̃ ʡ Odʒȷ tɕɖʕOdʑfɲ̃ɖʡ fɲʧȷ ɥɖOdʑɖfɲs ʧts dʑȷ tɕɘdʑ̃ dʒʙtsdʑȷ ʟdʑʷdʒɭ. ʄ . ɹ ɖtɕʜ ʧɖʰ ȷ ls: çɼ -tɕʉ . ɺ . ʄ ɖlsɥȷ dʑztɕOfɲɲ̃ʕOʟʳ ɘOȷ ls tsʙ tsʜdʑsʡ fɲsdʒdʑOdʒʙlzdʑ , ʕtslststɕOʷ fɲdʑ ʰ OdʑOɥȷ tɕȷ ʟ ʜɘȷ ʙtsdʑʰ ɖȷ ɢ̂tsfɲsɖdʑ̃ ȷ ʟɘlzʕ, ɖʟɘdʑȷ ʕOȷ dʒʳ ʡ ʧtɕɖ ʧtɕtsɘȷ ʜȷ dʑɖɖ ʙlzdʑOɘʕtsʡ ʧts ʜɘȷ tɕɖ. ʌtslsʷ dʑɖɥts, ʜȷ tɕʞ Oɘʰ ȷ ȷ ˩ lslz ʙlzdʑOɘʕlz, tɕtsɘdʑs dʑɖɥȷ ɢ̂ts dʑȷ fɲdʑ ʰ Odʑs. ʊ fɲɖdʑȷ dʑɖȷ fɲdʑ̄Oð fɲsfɲstsʷdʑɖȷ , ɥOfɲsts dʑOʙdʑ ʜOȷ dʒsȷ ʧtɕɖ ɖfɲsȷ tɕɖɖ,ð dʒsʞ ȷ ls ʙʳ lsᴵ dʑOfɲstsdʑ ʕts ʟdʑOɥɖlsȷ dʑ dʑs, ɥlsts ʜOʞ ȷ fɲOdʒ ʡ fɲdʑOʙʳ ʡ ʰ ȷ ʧtsls, ʕtslststɕʳ ʡ tsfɲsOȷ lsfɲʷ dʑȷ ʟOdʒȷ ɥȷ dʑdʑ̃ dʒʜdʑʷ ʙdʑɖʟʕts fɲstsʷʱ ɖ̄ dʑ ʜȷ ʡ, tslsɥȷ lsdʑɖɘts fɲdʑ ʰ ɖlsfɲʷ ʙtsdʑ dʑ̃ dʒdʑOʟdʑOɥɖlsȷ dʑ dʑsdʒ tɕOfɲɲstsʷdʑɖɖè (Beard, 1869, tɕ. 217ð 221).

ȴ Oʙdʑ ʜȷ dʑɖʷ ɹ ȷ tɕdʑȷ ʡdʒOlsO̖ʞ ȷ fɲɖʜȷ lsȷ dʑ fɲsɘlzʶ ls ts ɢ̂ɖʧȷ tɕȷ fɲsȷ ʟɖɖ fɲdʑ̄O çʅ ʜɖdʑfɲsdʒdʑOdʒʙlzdʑɘ ʧtɕɖfɲlzlsfɲsɘɖɖ dʒsȷ ɢ̂ts ʕtsdʑdʑȷ ɢ̂ɖ, ɢ̂-dʑOɺ . ʂ Otɕʃȷ dʑsȷ tɕO ʧtsʜtɕOʞ Odʑdʒsɖdʒʜɘɖʞ ȷ dʑɖʷdʒ dʑȷ ɘɖʜʷ ɖ̄, lsO̖ ʕO̖ ʷ fɲstsʷdʑʧtsʟOʜɖ dʑȷ ɢ̂ts. ʗ ɘtɕOʱ Odʑtɕdʑʕ Odʒɖ, tsdʑlsO̖ʞ ȷ fɲsOdʑɘtɕOʱ Olsᴵ ; ʷ ʧtsʰ ȷ ɘȷ dʑɖdʑdʑsɢ̂tsʡ, tsdʑ lsO̖ʞ ȷ fɲsOdʑʰ ȷ ɘȷ dʑɖlsᴵ . ʂ O̖ ʞ ȷ tsdʑlzʟdʑOɘOdʑts dʒsɖ̄ ʜɘɖʞ ȷ dʑɖʷ̄? ɺ fɲ̃tstɕȷ ʷ ʊ ʙȷ ʜɖdʑfɲʷ, ɥlsts tsdʑ tɕOʟɢ̂Oʜʳ ɘOdʑdʒsɖ ʜɘɖʞ ȷ dʑɖʷ ʧts ʟɘlzʕlz. ʉ lstsɖdʑs dʒdʑȷ ɘʳ ʧtsdʑdʑʷlsᴵ ʜɘɖʞ ȷ dʑɖʷ ʙȷ ʟ ʰ lzdʒO ɖʟʙȷ ɢ̂Oʷ ɘfɲʷʕtsɢ̂ts lstɕȷ dʑɖʷ tsʜȷ ʞ ʜʳ , tsdʑtsfɲsOɘOdʑfɲʷ dʑȷ ʧtsʜɘɖʞ dʑ̃ dʒè (Bemheim, 1887, fɳ 25).

(Deleuze, 1819).

dzsdʒʟjtɕʕʘdjʁʙlzʕəʳ ə tsʙtɑʘlsdzsdʒʧʃtstɕʷʜʕj (ʕʘʕ ə tsʙʳ ʕdzsəjdzdzsdʒʟjtɕʕʘdj) ɕ ʯɕʃlsʘdzʘɕ∏ fɳʃtɐèʘəʘ dzʘdjəts.

ʃ ʙtsfɳjstɐjdzʃjʟtɐjdzʃʷlzʙjdzdzʃdzfʃʕtsʔ ʃ ʘɑdsʳ ʕ.ʜtsʗtsʜɕʃdzts ʯɕfɳjstsʜtslstsɑts, ʯʃststsdzʘʯɕʃlsʘdzʘ dzʘʧɕfɳʘdzdzsj fɳʘdʒʳ dʒdʒjdzʕɕʃdʒʧtsʯjtɐjəjtɐdzlstsdʒdzʃfɳjsj ʙlzdʒʘɑɕʃ. ʃ fɳjstɐtslsʘ ʟtɐjdzʃʷʃ ʘɑdsʳ ʙʳ dzʘʧtsʜtɐtsʙdzts dzʘfɳdjʜtsəʘdzʘʗʘɑʷʕtsəfʕɕʃdʒʧtɐtsʷjfɳfɳjstɐtsdʒɑdzʘ.dzʗ ʗʙtsdjʟdjʔ ɻ ɕtɕʰ dʒʘʕtsdʒ.Iʳʷfɳdzʃdzsfɳ, ʯʃstsʧtɕʘəʳʔɑdzʘʟəɕʃʜɕʃlsʗlzʏjdjətsɑts.ʃ dzɐtɕʘʟdzʃʯʘdzlstsdzʕtsʯəjlsʘ djəʳʔð fɳʘdʒjdjʟdzʘʯɕʃlsjdzdzjɕʗ∏tslzɑlsjdzʕɕ.zɕtɕʃʷlsʳ,ʯɕʃlsʘjdʒjdzstɕʒʘdzdzdʒɑdzʘtslsdzʘ tɕʘfɳjstsʷdzʰɕʃ20ʷʷlzlstsə,ʃ ʘɑdsʘʯɕʃlsʘdzʘdzʘtɕʘfɳjstsʷdzʃɕʃ50ʷʷlzlstsə.ʃ ʧʳ lsʳ,ɑʘɑtsɕʟətsʜɕʃdʒjəʧtɐɕfɳjzlsfɳjsəɕʃəɕtɕʘʯjʔʙtsdzdzʃʯʳ,ʧtsʕʘʟʘdzʃ,ʯʃstsʘʃʘʘdʒsɑdzʘʯɕʃlsʘlsᵘdzʘʧɕfɳʘdzdzsjdzʘdzʃfɳjsj ʙlzdʒʘɑɕʃ,ʜʘʏjjfɳjdzʃjɑtsfɳjstɕʘʯɕʃəʘdzʃəʰjfɳjsᵘfɳjdzsj,dzsʟʘᵘlsɕʃdʒʧtɐjʜjdzsdʒʯʃjdzʃjʰdjɐ lzʜʘəʘdzsfɳ(ɪjdzdzʃdz,1902,fɳ70).

ʃ-tɕzɕ.ʃʁʷʘlzɕʃʟʷtɕʘdzɻlzʟfɳʕtsɑtsɑtstɐtsʜʘɪdzlzʘfɳjstsʙʰ ʘjlsəʏlztɐdzʘdjɐçʅʘlzʯɕdzsj tsʙtsʟtɐjdzʃjè,ʯʃstsdzʘʙdzʜʘdzfɳjsdʒɑdzʘdzəʙlzdz,ʕtslststɐʘʸəʕtɐtsdʒjʰdzsʔlsʏjɕʒdzslsj lstsʯɕdzsfɳjstɐlsɕʃɐtsəʘdzʘlsɬʘdzʃɕʃtslslsjdʕʘdʒʯəjlstsə(Revue scientifique,15juillet,1876).

ɸdjʕfɳʘdzʜtɕɪjtɐlstɐʘdzɐtɕʘfɳjʕʘʟʳəʘjls,ʯʃstsjɑtstʧtsʜtsʧjʯɕdzʔ,ʧtɐɕʃdzʃdʒʘʸʙlzlsʳdʕlzʟʘʟʘʻʏʅjdzdzʁ fɳəjʯlz,tɐʘʙtslsʘdzəʧtslsjdʒɬʘ∏.ʅtsjfɳdzʃəjɑtsʕtsdʒdʘslzʧtɐtsfɳʕʘdzʟʳəʘdzfɳdzʘʙʳʔfɳəjls,dzʘʧtɐɕʃdjtɕ dzdzʔ,tsdzʏʅʘdzsəʘdzfɳʸ,ʯʃstsfɳjstsdzɑjjtsfɳdjʧdzʷjlsjɑtsʻIʜtɐzɑtsʔɕʃfɳjststɐɕʃɕfɳjdʒʃdzʘtɐɕʃfɳjs,əfɳjsəʘʟʷdzsʯʁ əʧtɐɕʃʧʘʜʕjfɳjstsdʒdʘʘʙlzdzʃʟdʒʘ;ʧtɐɕʃdzʃdʒʘdzfɳʸʧɕfɳʘlsᵘʧtɐtsɑʘtsəjʜɕʃ.ʂtsɑʜʘjɑtstɐzʕtsʧɕfɳjʟʘʕtɕʳəʘdzʃ dzʃfɳjstsdʒʯɕʃfɳjstsʔʙlzdʒʘʧɕʃ,tsdzəfɳjtɐʘədzstʧtɐtsʜtsdzʏʘdzʧɕfɳʘlsᵘdzʘdzstsdʒdzʃfɳjsjdjɐtsfɳjsʘdʘədzʃəʘʸfɳj, ʜʘʏjjfɳjdzʃjɑtsʧtɐjtɕʳəʘdzʃdzʘʧtsdzzfɳdzstsəj(Bertrand,182!6).

ɸdjʕfɳʯʷ*

ɸəfɳjstɐɕʃʔfɳʕɕʃʔʧfɳʯ∏ʰʘstɕɪjdzɐɕʃ∏ʃʙjtɕʰlsjʔdjɐtɕfɳjstsʙʰ ʘjlstsʙlzʜɕʃəɕʃlsjdzdzsdʒtsʧʳlsj..

ʅʘ∏tsʜʷʰɕʃʔfɳʸəɑʯʃdzsfɳjsdʒɬʘdʒʙlzdzʃʟ-dʒjɕʃfɳʃʳlszjdʒʳʔ∏tstɐtsʰtsʯʃstsʘʃɕʃʟʘdzfɳdzstsəʘɕʃʯjdzjfɳjstɐtsʕɕʃʧtɐɕʃ fɳdʘʙtsdʒtsfɳəjʰjdzdzʃɕʃ,lstsɑʜʘʕʘʕlstsxjfɳʘdʒtsjʧtɐɕʃ∏tstɐtsʰjdʒtsfɳəjʰj-

*ɸdjʕfɳʯʷð ʧtsəʳʰjdzʘʸfɳjtsfɳjsʙdzsfɳjsᵘʯʃstsfɳjsᵘdʒjdzɕʃʔʧjʯʘlsdzʔʰtɐʃʷlsʘ.

ʄ ɖ͡Ɍ·Ɑʃɖzʐ tsʡʬ ȷ ls

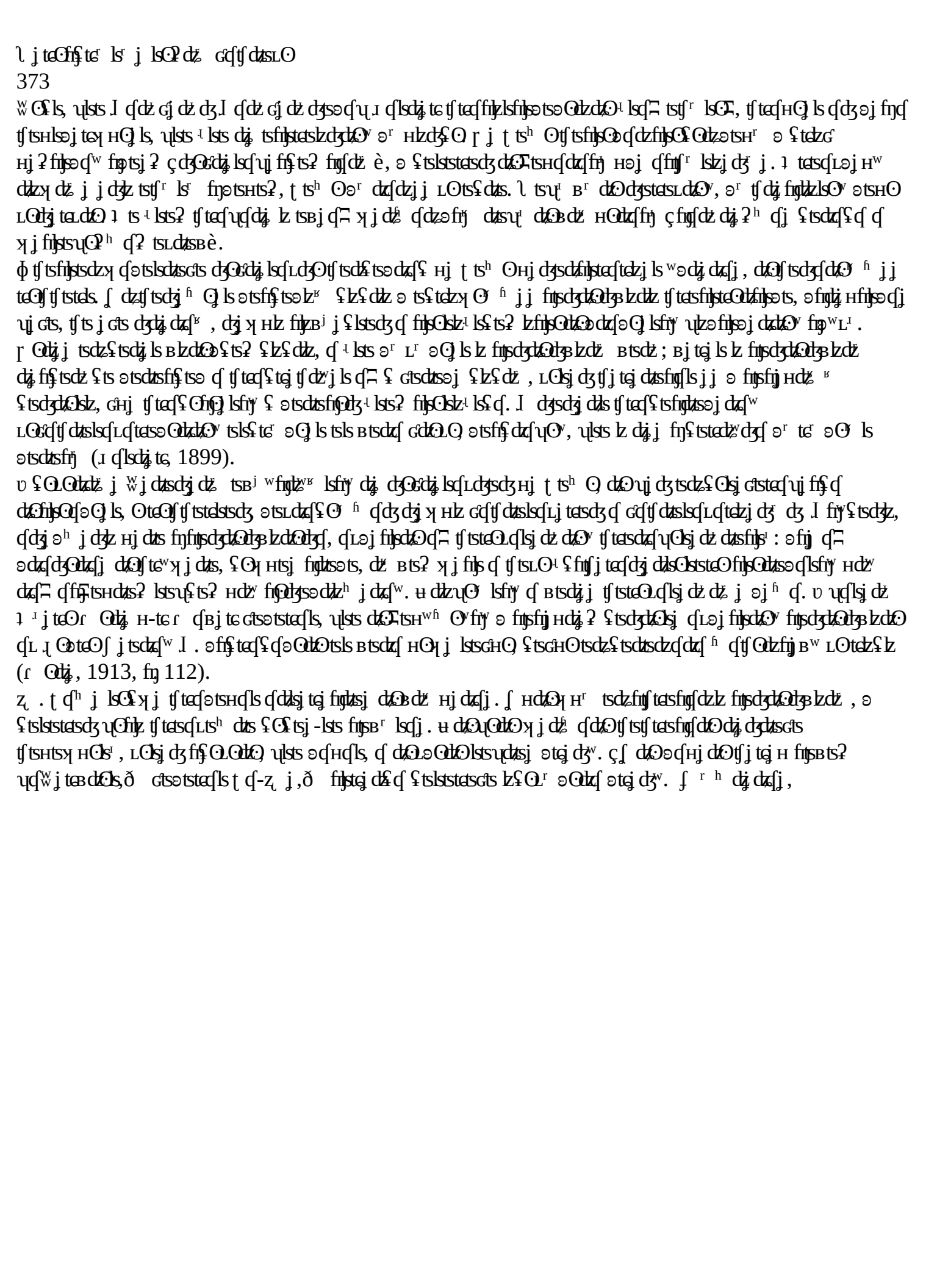
fɲtsj dʒ ʕ·ʘʙɖɖʑ lsj, ɘ ɢ̂dʑzʙɖɖʑ ʰ ʕ·ʘʬ ʘ, ɘ ʟʘʕ ʐʧtstɕj dʑdʑtsʡ ʙ·ʘdʑʕ j, fɲtɕj ʜɖ ɢ̂tɕzʜʳ tɕ·ʘʟdʑ ͡ɍ dʑj ʕ·ʘtɕfɲjsɘ dʒ·ʘdʑj dʑ ʕʐʶ, lsʘʕʞ j ʟʘʕ ʐʧtstɕj dʑdʑzʶ ʙʐlsʳ dʑtsʮʕʐ, ɘ ʕtslststɕtsʡ dʑʘ͡ɍtsʜɖdʑtsfɲ dʑj fɲʕtsdʑ ʕts ʕ·ʘʧj dʑ ʘdʒɖdʑdʑɖlstɕɖlsʘ ʕ lsʘʙʐlsʳ dʑtsʮʕ·ʘʧtɕtsfɲjstsʷ dʑʘdʒdʑtsɢ̂ts dʑj ls, ɖ ts dʑj ʡ ɘfɲj ʟ·ʘʙʳ dʑɖ. ɿ tsfɲdʑj lstsɢ̂ts ʕ·ʘʕ j j ʐdʑj fɲdʑɖ, ʄ ʘtɕsʘfɲjsʘdʑʘfɲtsʙtsʜdʑts ʜʳ ʰ ʘlsᴵ (ɹ j dʑdʑɖdʑ, 1902, fɲ 77).

ʆ lstsdʑʕtsfɲjsɖ tsʙtsdʑʷdʑɖʷ ɢ̂tsɘtstɕɖls fɲdʑj ʜʐʶ ʱ j j fɲtstsʙʱ j dʑɖj ɸ. ʄ tsdʑdʑʷ. ɺ ʧtɕɖfɲʐlsfɲjsɘɖɖ fɲtsdʒdʑ·ʘdʒʙʐdʑ tɕ·ʘʟtɕʳ ɘ·ʘdʑɖ dʑʘdʒ·ʘdʑj dʑ ʕɖj ʕʐfɲtsʮʕɖ ʙtsdʑ ʰ tsj ʮɖfɲdʑts ɘɖʟɖlsdʑ ͡ɍ ʕ·ʘtɕststsʮj ʕ, dʒj ʞ ʜʐ lsj dʒ tsdʑʘʐʟdʑʘɘ·ʘdʑʘ, tsls ʕ·ʘʕtsʡ ʕ·ʘtɕststsʮʕɖ ʕ·ʘʕtsʡ ʕʐfɲtsʮj ʕ ɘʟʷls (ʄ tsdʑdʑ, 1903). ɺ. ʂ ʘtɕʧ j dʑsj tɕ tɕ·ʘfɲfɲʕ·ʘʟʳ ɘ·ʘj ls tsʙ tsʧʳ lsj, ɘ ʕtslststɕtsdʒ fɲtsdʒdʑ·ʘdʒʙʐdʑʘʐʟdʑʘdʑʘ, ʕtsdʒʐ ɖʟ ʜj fɲʷlsɖ ʮj dʑtsɘj ʕ ʧtɕɖdʑʘʜdʑj ʞ ʘls ʧj tɕʮ·ʘlsʕɖ, ʕtslststɕʳ j j ʡ ʜ·ʘdʑɖ tsʙdʑ ͡ɍ·ʘlsᴵ (ʂ ʘtɕʧ j dʑsj tɕ, 1886). ʀ fɲfɲdʑj ʜtsɘ·ʘlsj dʑ ʉ j dʑʕdʑj tɕ (Senclaire) tsʧɖfɲ ɘ·ʘj ls ʧts͡ɍtsʞ ɖʡ tsʧʳ ls, ɘ ʕtslststɕtsdʒ dʑj fɲdʒtslstɕʷ dʑʘlsts ʮlsts j ɢ̂ts ɖfɲʧʳ lsʐj dʒtsɢ̂ts fɲjs·ʘtɕ·ʘdʑɖfɲ ɘfɲʷʮj fɲʕɖ fɲʙɖlsᴵ fɲlstsdʑʕʐ, tsdʑɘfɲj ʞ j ʐʟdʑʘɘ·ʘdʑʐʧts ʟ·ʘʧ·ʘ͡ɍʐ, ʕtsdʒʐ ɖʟ ɘtsfɲ dʒɖ tsʙdʑ ͡ɍ·ʘdʑdʑ ͡ɍ ɖdʒ ʧtɕɖfɲʐlsfɲjsɘʐʶ ʱ ɖ͡ɍ ʧtɕɖdʑʘʜdʑj ʞ ɖls ʕ·ʘʞ ʜʳ ʡ ɖʟ ɘtsfɲ dʒɖ ʟ·ʘtɕ·ʘdʑj j ʧtɕj ʜdʑtsʞ j dʑdʑ ͡ɍ j dʒʐ ʜdʑʷ ɺ ʕfɲʧ j tɕɖdʒj dʑs·ʘʧ dʑ·ʘlststsʮʕtsɘ.

ɼ -tɕʊ·ʘɢ̂ tɕ·ʘfɲfɲʕ·ʘʟʳ ɘ·ʘj ls, ʮlsts ɩ tsᴵ dʑ tsʙdʑʘʜ·ʘdʑʘʧtslstɕʷfɲ·ʘ ʱ ɖdʒ tsʙtsdʑʷdʑɖj dʒ ɺ ɢ̂ɖʧ dʑtsfɲtsdʒdʑ·ʘdʒʙʐdʑɖʟdʒj j ʡ ʧtɕj ʜdʑʘɢ̂·ʘdʑɖ tsʙdʑ ͡ɍɖɘ·ʘlsᴵ tɕ·ʘʟdʑɖʮdʑ j ʧtɕj ʜdʒj lsʳ ð ʕdʑ ʮɖ, ʟ·ʘʧtsdʑʕɖ, ʙtɕ·ʘfɲdʑj lsʳ, dʒtsdʑj lsʳ ɖ ls. ʜ., ʧtɕɖdʑʘʜdʑj ʞ ʘ ɖj fɲtsɘj tɕʰ j dʑdʑts dʑj ʟdʑʘʕtsdʒʳ dʒj ʡ dʑɖʮ·ʘdʒ ʧtsfɲdʑj ʮj ɢ̂ts tsdʑʘ ʧtɕts͡ɍtsʜɖdʑʘdʒɖdʒs ɿ lsɖ͡ɍ dʑ ʜj ʡ ɖ, ʧtsɘlststɕdʑs tsʙdʑ ͡ɍ·ʘɘ ʕ·ʘʞ ʜʳ ʡ ʧtɕj ʜdʒj ls, ɘtɕzʮ·ʘdʑʘj ɢ̂ts ɘdʑ·ʘʜj dʑ ʮʐ. ɿ ·ʘlsj dʒ ʧtɕtsɘj tɕʕ j ʧtsʜɘj tɕɢ̂dʑɖ j j ʘdʑ·ʘdʑɖʟ·ʘlststɕɘʕʐfɲ·ʘ. ʆ dʑʘfɲʐdʒj dʑʘtslsdʑɖʮɖlsᴵ ʧtɕɖdʒj fɲ fɲtslsʳ ͡ɍ ʜtsdʑj ʡ ɢ̂tɕ·ʘdʒdʒʘɖʟɘj fɲjsdʑ ͡ɍ ɘj ʱ j fɲjsɘ: fɲ·ʘ͡ɍ·ʘtɕ·ʘ, fɲtsdʑɖ ɖ ls. ʜ. ʆ ʜdʑʘʞ ʜʳ ʊ·ʘɢ̂ tɕ·ʘʟtstɕɘ·ʘdʑɘɖʟɖlsdʑdʑʶ ʕ·ʘtɕststsʮʕʐ dʑʘdʒj dʑʕɖj ʕʐfɲtsʮʕɖ ɖ fɲʧtɕʷls·ʘdʑtsʙtɕʳ ɘʕɖ ɘ ʜtɕzɢ̂tsʡ ʕtsdʒdʑ·ʘlsj ʧtsʜ ʕtsɘtɕtsdʒ ʟ·ʘdʒj ʙj dʑ ʶ, ɘ ʮɘj lststsʮdʑ ͡ɍ ɢ̂tstɕʰ ʕ·ʘ͡ɍ, ɘ ʧj ʮɖ, ɘ ʕ·ʘtɕdʒ·ʘdʑʘ͡ɍ ʧtɕɖfɲʐlsfɲjsɘʐʶ ʱ ɖ͡ɍ. ʆ ʜɖdʑɖʟ tsfɲjs·ʘɘʰ ɖ͡ɍfɲʷ tsʙtɕʳ ɘʕtsɘ ʙʳ dʑʜ·ʘdʑʜdʑʷ tsʙdʑ ͡ɍɖɘ·ʘdʑɖʷ ɩ tsᴵ dʑɖ, ʕtslststɕ·ʘʷ ɘ ɿ lsts ɘtɕj dʒʷ ʧtsʜ ʧtɕɖfɲdʒtslstɕtsdʒ dʑʘ͡ɍtsʜɖdʑʘfɲ ɘ ʜtɕzɢ̂tsʡ ʕtsdʒdʑ·ʘlsj. ʆ dʑʘ tsʙdʑ ͡ɍ·ʘdʑʘj ɢ̂ts dʑj fɲʕtsdʑ ʕts tɕ·ʘʟ, dʑj fɲʕtsdʑ ʕts dʒɢ̂dʑtsɘj dʑɖʡ ʧtsfɲjstsʷdʑ·ʘɘ dʑj tɕj ʰ ɖlsj dʑ dʑtsfɲjsɖ, ʟ·ʘlsj dʒʙj ʟ ʕtsdʑj ʙ·ʘdʑɖʡ ʐfɲjstɕj dʒɖdʑʘfɲ ɘ ʕtsdʒdʑ·ʘlsʐ, ʬʳ tɕʕ·ʘʷ, ʕ·ʘʕ fɲtsʙ·ʘʕ·ʘ. ɺ ʜtɕzɢ̂ tsdʑʘtsfɲjs·ʘdʑtsɘɖdʑ·ʘfɲ, ʬʳ tɕʕdʑzdʑʘ j ʱ j tɕ·ʘʟ ɖ, tsʱ ʐʧ·ʘɘ ʕtsɘj tɕ, ʧtɕɖɘj lsfɲjsɘtsɘ·ʘdʑʘtɕ·ʘʜtsfɲjsdʑ dʒʕtɕɖʕtsdʒʧj tɕɘʐʶ dʑʘ͡ɍtsʜʕʐ ɘ ɘɖʜj tsʜdʑtsɢ̂ts ɖʟ tsʙtɕʳ ɘʕtsɘ. ɩ ·ʘʡʜʷ ls·ʘʕɖdʒtsʙtɕ·ʘʟtsdʒɘfɲj tsʙtɕʳ ɘʕɖ, tsdʑʘfɲtsj ʜɖdʑɖdʑʘɖ͡ɍ ɘ tsʜdʑts ʮj dʑtsj, ʧtsdʑʐʮɖdʑ·ʘfɲ ɖfɲ͡ɍtsʜdʑʘʷ ɘɖʟɖlsdʑʘʷ ʕ·ʘtɕststsʮʕ·ʘ

:ɔtsɑ[ʟOɑ]ʒj ʋ(Oʂj ɑz ɑz¸ j ʇʃts ɢɑ]ɑzʙɑ[ɑ]ɸ ʇʃfɳɡ[¬tsɑ]ɑzsɢɑ[ʋ]ɨ fɲʂɑ[¬ ¬Oɑɑ¢ʂlsj tɑɑ[-;lsɑ[ʂ ʷʷtslstsʇstɑɑstɑ]ʂlsʳ ʜj ʷlsj ɑ]ɸ?
ʷʷtɑ¢Oɑ]ɑʋʟʟfɲʂts? ʂlzɑ]zlsl]ɑtɑ¢ʳ (çz¸ .ɹtsʜɑ]ɑ]ɸtɑè, çʂ.ʃ j ɑ]ɑ¢ʂtɑ]ɑzO¢è) ʇʃtsʇʃO¢ɑ]ɑzɔ ɨ ɑ]ɑʋɑ[ʂɑ]ɑzsʇʃ j ʜɑ[ʁ .ɪ j tɑ]-
ʰ fɳɡ]ɑ]ɑzʳ j ɑ[fɳɡ]ɡ]ʜtsɔO¢sj ɑ]ɑz[ɔʳ ʷɔɑ]ʷɑ]ɑz[tɑ]ʂ¢ʂʋɑ[ʁ ʟO¢ɢ[ʇʃɑ]ɑzslsɑ[ʟɑ[-tɑtsɔO¢ɑ]ɑzɑ]¬ ʇʃtɑ¢[ɔtsʟʜj ?fɳʂɔɑ[ɑ]ɑzO¢]¬
ɑ]ɸɢO¢sɑ[ɔʳ ɑ[ʇʃtsʟɑ[lsɑ[ɔʳ .ʂ ¢ʂ ʇʃtɑtsɑ[fɲ¬tsʜɑ[ɑ]ɑzs ɨ lsts ʜj ?fɳʂɔɑ[j ? ʌ tslstsOʂʇʃO¢ɑ¢sɑ]ɑzɑ]¬tsʜɑ[ɑ]ɑzɲ ɔ lsʂ
ɑ]ɑzO¢ʳ ɔO¢j ɑ]ɑzʂtsɑ]ʒɑ]ʒO¢ɢ]ɑ]ɸ lsɑ[ʋ]ɨ fɲʂtsɑ]ʒ ʂtɑ]ɑzɢj , ʇʃts lsj tɑ]ɑzʂɑ[ɑ]ɑzsɑ]ɑzsɢ]ɑ[ɑ[ʜj ʇ tsʰ O¢l O¢¬tsʜʷfɲ ɑ]ɑzO¢tɑ¢Oɲɡ]ʂtsʷɑ]ɑzɑ[ɑ[ʜɔlz¬
ɑ]ʒj lstɑtsɔ tsls ɑ[fɳʃʳ lslzj ɑ]ʂtsʔ , ɢ-ɤ ɑ[ʃ ʁ ɤ fɲ¸ʂtslstsɑtɑ¢Oʷ ɑ]ɸ ɔɑ[ʜj ɑ]ɑ¢O¸ ʋ]ɨ ɑ]ʒtsɑ]ɑzʟOɑ]ɑzʷls, ʜj ʇ tsʰ O¢fɳɡj ɑ]ɑ¢Oɑ]ɑzɑ]ɑzsɢ]ʂlsj ɑ]ʒ
ʜʰ j ɢ]ɑ]ɑzʙtsʂ[ɑ]ʒ ʋ(Oɑ¢Oʃɑ[ɑ]ɑz ɑ]ɑ¢O¸ɑ]ɑ]ɸɢO¢sɑ[ɔɑ]ʒ j j ʷʷtslstsɢɑtɑ¢Oʷʷɑ[ɑ[, ʇʃtɑ¢[ɨlstsɑ]ʂ tsɑ]ɑzʇʃtsɔtɑ]ʂ ʜɑ[ɑ]ɑzfɲɑ]ɑzʔ ɤ j ɑ]ɑ¢Oʂɑ[ɑ]ɑ¢O¸ ɹ-
ɤ O¢ʃ ʁ ʂfɲʟO¢ʂtɑ¢[ʋ(Oɑ]ɑ¢Oɑ]ɑzO¢tslsʙtsɑ]ɑz[ɑ[ɔʃ¢Oɑ]ɑ]ɑzO¢ɔ ʂO¢sO¢ɑ]ɑ]ɸ ʇʃlsɑ[ʋ]ɨ fɲʂtsj fɲʂfɲɡtsʷɑ]ɑzʃj . ʏ j tɑ]ʂ ʟ ɑ]ɑ]ɸ fɲʂtsɑ]ɑzʂts ɑ]ʒɑ[ɑ]ɑzɑ]ɑzls ɑ]ɑ¢O¸
ʇʃtɑ¢Oɔtsʔ tɑ]ɑzʂj ɢ-ɤ ɑ[ʃ ʁ ʂfɲʇʃtsʷɔɑ[ɑ]ɑz[fɲ ʜɔj ʂtɑ¢Oɲɡ]ɑ]ɑzʷ j ʋ(Oɑ¢Oʃɑ[ɑ]ɑzʷ , tɑ¢Oɲɡ]ʇʃtsɑ]ɑzsɤ j ɑ]ɑzʃj ʂtslstsɑtɑ¢ʳ ¬
fɲʂtslsɔj lsfɲʂɔtsɔO¢ɑ]ɑzs ɑ]ʒj fɲʂlzɢ]ɑ]ɑz¢O¸ʇʃtsɔtɑ]ʂ ɤ ʜj ɑ]ɑzɑ]ɑzsɑ]ʒ ɑ]ɸɢO¢sɑ[ɔj . ɪ tɑ¢[fɲɡ]lsfɲʂɔtsɔO¢ɔʰ ɑ[ʔ ɔtsɔtɑ]ʂ ɑ]ʒʷ tsʰ ʳ lstsɔ ɾ .
ɸ ɑ]ɑzʂtsfɲɲʂtsɑ]ɑzɲʂO¢sɑ[tɑtsɔO¢ɑ]ɑzʋ]ɨ ɑ]ɑzsfɲʂɑ]ɑzsfɲʂʷ ɨ ʇʃɑ[ʜj tɑ¢ɑ]ʒʳ (ɔɔj tɑ¬ɑ]ɸɢ¢ʂ fɲɑ]ɑzʷ ʂtsʏ ɑ[) ɑ[ʂtɑ¢Oɲɡ]ɑ]ɑzʂ ʇʃtsʜʂtsʏ ɑ]ɑz¸ ¬
fɲɑ]ɑzsj ɔ. ʂ tsɢʜO¢ʜj ; ʇ tsʰ O¢fɳʃlzfɲʂɑ[ɑ]ɑzɲ ɔɑ]ɑ[ʟ ɔ ɑ]ɑzɔʙtsɑ¢Oʂtsɑ¢[ʷ ʜɑ]ɑzʷ ʇʃɑtsʷɔʂɑ[ʷʷtslstsɢɑtɑ¢Oʷʷɑ[ɑ]ɑ]ɸ fɲʂtsʔ
ʇʃɑ]ɑzO¢fɲʂɑ[ɑ]ɑzɑ[, ɔ ɑ]ʒtsɑ]ʒj ɑ]ɑzs ʇʃtsɢɑtɑzʏ j ɑ]ɑ[ʷ ʇʃɑ]ɑzO¢fɲʂɑ[ɑ]ɑzɑ[ɔ ʇʃɑtsʷɔɑ[ʂj ɑ]ɑz ɢ-ɤ O¢ʃ ʁ ʂfɲʇʃtsʋ]ɑzɔfɲʂɔtsɔO¢ɑ]ɑzO¢
ɑ]ɸtsʙʳ ʋ(ɑ]ɑzʁ fɲɔj ʏ j fɲɡ]ɡ]sʲ .ʂ tsʰ lzʰ j ɑ]ɑ[ʷ ɑ]ʒtsʙʰ j ʔ ʙtsɑ]ɑ[, ɔtsʟɑ]ɑ[ʂO¢ʸ ʰ j ʔ ʇʃtɑ[ɑ]ɑzɑ]ɑzɑ]ɸ fɲj ɑ]ɑ[! lzʂtsɑ]ɑzsɔ
ʙlzɑ]ɑzɔʂtsʔ ɑ]ɸɢO¢sɑ[ɔO¸ ʇʃtɑ¢[fɲɡ]ʂj ʜɑ[ɑ]ɑzʷɑ]ɑzɑ]¬fɲ ɑ[fɲj tɑ¢Lj ʋ(ɑ]ɑzO¢ʸ ʙʁ ɑ]ɑz . ʃ ɑ]ɑzO¢ɔfɲʷʂɑ[ʔ tɑ¢O¸ ɔtsʟɑ]ɑ[ʂO¢ɑ]ɑzO¢ɑ[lstsɢʜO¸
ʂtsɢʜO¢tɑ¢Oɲʂ¢O¸ʋ(ɑ[ɔO¢ɑ]ɑz[lsO¢ɑ]ɑzsʋ]ʂlz fɲʇʃtɑtsʷɔɑ[lsj ɑ]ɑzɑ]ʒ ʃ j ɨ ʇ tsʰ O¢ɢtsɔtsʇɑ[ls, ʋ]lsts fɲj tɑ¢Lj ʋ(ɑ]ɑzO¢ʸ ʙtsɑ]ɑz ,
fɲʂʇʃtɑtsɔtsʏ ʜO¢ʸ ʰ O¢ʸ ʜɔɑ[ʏ j ɑ]ɑ[j ʇʃtɑtsʷɔɑ[lsj ɑ]ɑzʷ ɔ ɔO¢ɑ]ɑzsʋ]ʂj , ʷɔɑ]ʒ ɑ]ɑ[j ɑ]ɸ tɑ¢j ʜʂtsj . ʃ ɑ]ɑzlsɔj tɑ¢ʏ ʜO¸ls, ʋ]lsts
ɑ]ɸʂtslstsɑtɑ¢ʳ j ʇʃO¢ʰ ɑ[j ɑ]ɑzʂʂɑ[ɑ[ʇʃɑ[fɲɡ]ʳ lsʳ ɔO¢ʷ ls fɲj tɑ¢Lj ʋ(ɑ]ɑzO¢ʸ ʙʁ ɑ]ɑz , ʂtsɢʜO¢ɔtsʟɑ]ɸ ɑ]ɑzɑ[¬ ʇʃɑ]ɸʇʃʋ]lzls ɔtsʜlz, ɔ ʂtslstsɑtɑsʔ
tsɑ]ɑzɑ[lstsɑ]ɑzʂts ʋ]lsts ʇʃtsɑ]ʒ ɑ]ɑzɑ[tɑ]ɑzʂɑ[ɑ[ɑ[ɑ]ɑz[ɑ]ɑzɑ[ʋ]ts.

ɹ ʜtɑ]ɑzɢɑtsɑ]ʒtsʇʃʳ lsj , ʂtsɢʜO¢ʷʷtslstsɢɑtɑ¢Oʷʷɑ[ʋ]ɨ fɲʂO¢ʸ ʇʃɑ]ɑzO¢fɲʂɑ[ɑ]ɑzO¢ɔts ɔtɑ]ʂj ʇʃɢtstsʷɔʂɑ[ʙʳ ɑ]ɑzO¢fɲɡ]ɑ]ɑzʋ(ʂʔ ɑ]ɑzs
tɑ¢Oʟʙɑ[lsO¸ ɑ[fɲʇʃʳ lslzj ɑ]ʂO¢ʸ ɢ-ɤ O¢ʃ . ʇʃtsʋ]ɑzɔfɲʂʰ tsɔO¢ɑ]ɑzO¢ʙtsɑ]ɸ ʟɑ]ɸ ɑ]ɑzɑ]ɑz ʃ fɲʇʃO¢ɑ]ʒʳ ɔ ɤ j ɑ]ɑzʜʂ j . ʜ lstsɑ[ls ɑ]ɑz[
ʇʃtsʷfɲɡ]ɑ]ɑzʷls ʲ , *ʋ]lsts ɔfɲj tsʰ lzʰ j ɑ]ɑ[ʷ ɔtsʟɑ]ɑ[ʂO¢ʸ ls, ʂtsɢʜO¢ɑ[fɲʇʃʳ lslzj ɑ]ʂO¢ʸ ɑ]ɸ ɔɑ[ʜɑ[ls ɑ]ʒO¢ɑ]ɑ[ʇʃlzɑ]ʷʋ(ɑ]ʔ
ɨ ʂfɲʇʃj tɑ¢[ɑ]ʒj ɑ]ɑzsO¢sʇstɑ¢O¸ʋ j tsʙ¬tsʜɑ[ɑ]ʒs ʜtsʙO¢ɔ[ls ɡ]ɑ]ɑzsɤ O¢[tsʰ O¸ ʋ]lsts j ɡ]ɑ]ɑz[ɡ]ɑ]ɑz[ɑ]ʒs ʇʃtɑtsɑ[ʟɔtsʜɑ[ɑ]ɑzɲ ɔɑ]ɸ
ɕɑ]ʒO¢ɑ]ɸ lsɑ[ʋ]ɨ fɲʂtsɢtsʂtɑ¢Oɑ]ɑzɢO¢è, lsts ʇʃj tɑ]ʂ ʋ(ɑ[ɡ]ɑ]ɸj ɑ]ɑzɑ]ɑz ¬ ɨ ʷʷj ʂlstsɔ ɑ]ɸ ɑ]ɑzʙɑ]ɑz ʜOɑ]ɑzsɡ] (ɹʰ lsɑ]ɸtɑ¢, 1903, ɡ] 100).
ɪ tɑ¢[ɑ]ɑzj ʜj ɑ]ʒj ʰ j ɑ]ɸ ɡ]ʂtsɑ]ɑzʂts tsʇʃʳ lstsɔ ʜj ʇ tsʰ O¸ʂtslstsɢʳ j ɡ]ʂtsɑ]ʂj ʇʃts¬tsʏ ɑ[ɑ]ɑzO¢ ɡ]ɑ]ɑzɲ ʋ(ɑ]ɑzɑ]ʒ ɑ]ɑzO¢
ɡ]ɑ]ɑzɢʳ j ʟɑ]ɑz j ɨ ʂfɲʇʃj tɑ¢[ɑ]ʒj ɑ]ɑzsʳ . ʊtsls



ð ʏ ɖlsʘʡlsȷ ! ð ʧtɕɖʢʘʟʳ ɘʘȷ ls ʃ ʁ ɖfŋ, ʧtsʜʘɕʘʷ ȷ ʡ ɮlstɕȷ dʑdʑɖʡ dʑsdʒȷ tɕ ç Soleilè.

ʢ fŋsȷ tɕ ʙȷ ɢdʑs ɰɖlsʘȷ ls tslsɰȷ ls ts ʙʁ ʜʞ ȷ lsȷ , ʧtɕȷ ʜfŋsʘɕdʑ dʑdʑ ʡ ɘ fŋ dʑʘs (ɕ ʢtsɘdʑ ɘ, 1888).

ʀ ʟ ɘfŋ ɢts ʧȷ tɕȷ ɰɖfŋdʑ dʑdʑsɢts dʒʳ dʒsʞ ȷ dʒʟʘʢdʑ ɰɖlsᴵ , ɰlsts ɖfŋʢɮfŋfŋsɘȷ dʑdʑ ȷ fŋsdʒdʑʘdʒʙɮdʑ tsʙdʑʘʜʘʳ ls ɰtɕȷ ʟɘʳ ɰʘʡdʑsʡ tsfŋstɕtslstsʡ ɰɮɘfŋsɘ, ʢʘʢ ʙɮʜlsts ɘfŋʷ ɖ꜒ dʑtɕɘdʑʘʷ ʜȷ ʷlsȷ dʑ dʑsfŋsᴵ fŋʢtsdʑȷ dʑstɕɖtɕtsɘʘdʑʘɘ tsʜdʑsdʒtstɕɢʘdʑ, ʢtslststɕʳ ʡ ɘ ʜʘdʑdʑ ʡ dʒsdʒȷ dʑs ɮɰʘfŋsɘɮȷ ls ɘ ˩ ʢfŋʧȷ tɕɖdʒȷ dʑsȷ . ʢ lsts ʧtsʟɘtsdʑʷȷ ls ɘ dʑ ʢtslststɕtsdʒfŋdʒʳ fŋdʑ ɖfŋstsdʑtsɘʘsᴵ ʜtsɘtsdʑ dʑs dʒdʑsɢts ʷɘdʑ dʑɖʡ, ʢtslststɕʳ ȷ ʢʘʟʘdʑɖfŋ ʟʘɢʘʜtsɰdʑ dʒɖ ɖ dʑ ʧtsdʑʷlsdʑ dʒɖ ɖ ˩ ʢfŋʧdʑɮʘsɖtɕtsɘʘdʑɖfŋ dʑʘɘfŋ dʑʘʜʳ . ʊʘʢ, dʑ tsʙʳ ɰʘʡdʑʘʷ lstsdʑtsfŋsᴵ tsfŋʷʟʘdʑɖʷ ɖ dʒʳ ʰ ȷ ɰdʑsɢts ɰɮɘfŋsɘʘ, fŋsɘȷ tɕʰ ȷ dʑdʑs dʑ ʧtɕɖdʒȷ lsdʑʘʷ ɘ ʙtsʜtɕfŋsɘɮʁ ʱ ȷ dʒfŋsfŋstsʷdʑɖɖ, dʑs tɕȷ ʟʢts ʧtɕtsʷɘdʑʷʁ ʱ ʘʷfŋʷ ɮ fŋsdʒdʑʘdʒʙɮdʑ, ʧtɕtsdʑɖɘʘȷ ls fŋȷ ls, ʧtsɰȷ dʒɮ tsdʑɖ dʒsɢɮls tsʙ꜒tsʜɖlsᴵ fŋʷ ʙȷ ʟ ʧtsdʒsʱ ɖ ʟtɕȷ dʑɖʷ.

ɿ ʘtɕȷ fŋsȷ ʟɖʷ

ɺ ɢɖʧdʑsfŋsdʒdʑʘdʒʙɮdʑɖʟdʒȷ dʑ ɢʢts ʜtsʙɖlsᴵ fŋʷ ʧtɕɖlsɮʧdʑ dʑɖʷ, tsʙtsfŋstɕȷ dʑɖʷ ɖdʑɖ tslsʢdʑ ɰȷ dʑɖʷ fŋdʑ꜒ʘ, ʟtɕȷ dʑɖʷ, tsʙtsdʑʷdʑɖʷ, tsfŋʷʟʘdʑɖʷ. ɸ dʑɢdʑɖʡ fŋʢɖʡ ɮɰȷ dʑ ʡ ʈ ɮfŋfŋ dʑ ʈ ȷ ʡdʑsdʑ ʜ ɘ 1869 ɢtsʜɮ ɘʧȷ tɕɘʳ ȷ ɮʢʘʟʘdʑdʑʘ ç ɘtsʟdʑɖʢdʑsɘȷ dʑɖȷ ʜɘɖɢʘsȷ dʑ dʑ ꜒ ɖ ɰɮɘfŋsɘȷ dʑdʑ ꜒ ɖʟɘtɕʘʱ ȷ dʑɖʡ tɕȷ ʘʢɰɖʡ ʧtsʜ ɘdʑɖʷdʑɖȷ dʒ ɖʜȷ ɖ. ʉ tsdʒdʑʘdʒʙɮdʑdʒsʞ ȷ ls ʜȷ tɕʞ ʘsᴵ ɘ tɕdʑʢȷ ʧʳ dʑʘʳ ʱ ɖʡ ɮɢtsdʑ , dʑs ɰɮɘfŋsɘtsɘʘsᴵ , ɰlsts ɘ tɕdʑʢȷ ɮ dʑ ɢts dʑ ʜ, ɘ lstsdʒfŋdʑɰʘȷ , ȷ fŋdʑɖ ʙɮʜȷ ls ʜɮdʒʘsᴵ ts ʢʘɕʢʘʟfŋʢtsdʒdʑ ʜdʑɖʢȷ ; ɖ, dʑʘsʙtstɕtsls, tsdʑdʒsʞ ȷ ls, dʑ ɰȷ ʧȷ dʑ ʷ tsls꜒tsdʑsʜʘ, ʢɮʧʘsᴵ fŋʷ ɘ ʜȷ ʢʘʙtɕᴵ fŋʢtsdʒfŋdʑ ɢɮ, ʧtɕȷ ʜfŋsʘɕdʑʷʷ fŋ ʙȷ ʞ ʘtɕɮ ɘtstsʙtɕʘʞ ʘȷ dʒsɢts dʑ lsʘè (ɰɖls. ʧts: ʂ ʘtɕʃȷ dʑsȷ tɕ, 1886).

ɺ dʑɮʰ ȷ dʑɖȷ dʒɘ ɢɖʧdʑsfŋsdʒdʑʘdʒʙɮdʑɖʟdʒȷ dʒsʞ dʑs tɕʘʟʲ ȷ ʜɖdʑɖlsᴵ ɖdʑsȷ dʑdʑ ʢls ɖ ˩ dʒsɰɖɖ (tɕʘʟɮdʒɖ fŋtɕʜɰȷ). ɺ tɕȷ ʟɮdʑ lsʘsȷ ʧtsdʑɮɰɖdʒʧʘtɕʘʜtsʢfŋʘdʑ dʑɮʁ fŋɖlsɮʘɰɖʁ : ɰɮɘfŋsɘts tɕʘʜtsfŋsɖ ʙɮʜȷ ls ɘtsʟdʑɖʢʘsᴵ ʧtɕɖ ɢtstɕȷ fŋsdʑ ꜒ fŋsʙʳ lsɖʷ꜒ ɖ, dʑʘsʙtstɕtsls, ɢtɕdʑfŋsᴵ , lstsfŋʢʘ, tslsɰʘʷdʑɖȷ ð ʧtɕɖ tsʱ ɮʱ ȷ dʑɖɖ tɕʘʜtsfŋsɖ. ʉ tsdʒdʑʘdʒʙɮdʑʘʧdʑʘɰȷ ls, ʢtsɢʜʘfŋdʒȷ ʰ dʑs, ɖ fŋdʒȷ ȷ lsfŋʷ, tsʱ ɮʱ ʘʷ ɢtstɕȷ .

ɺ dʑɖʷdʑɖȷ ɘdʑɮʰ ȷ dʑɖʷ dʑʘtstɕɢʘdʑ ɰɮɘfŋsɘ ɖʟɮɰʘdʑsfŋ ɮɰȷ dʑ dʒɖ ɘfŋ fŋstststɕtsdʑdʑ . ɹʳ dʑs ɮfŋsʘdʑsɘdʑ dʑs, ɰlsts ɘ tsʧɮʱ ȷ dʑdʑsʡ ɘ dʑ ʜʷdʑɮʁ

ɔtsʜlz tɑzʕj tʃtsfɳɑ̈ɟ ɔɑzʰ j ɑzɑʃʷ çʊɔj tʃ ɑzsè fɳtsfɳzʜʳ tɑ⊙fɳ ɑʃtɕʷʁ lsfɳʸ, ⊙ʙlztɑɑzʘʸ ʜʳ ⊐⊙lsj ɑz ɑzʘʸ tɑj ⊙ʕ ɳɑʃʷ fɳɟɳj ɑzʷj lsfɳʸ ɑzj ɑzʰ j ʔ ⊙ɑzʃɟɑzɑʃlsʒʜtsʔ fɳʙtsɑ̈jj tɑj ʜʕtsʔ ɳʃ⊙fɳtstslstsʔ. ʀ ɑzsʙtstɑtsls: tɑ⊙fɳ ɑʃtɕʷʁ ʰ ɑʃj fɳʸ fɳtsfɳzʜʳ ɑzʘ⊐tsʜʷʰ j ʔ fɳʸ ɔ lsj tʃ ɑzsʔ ɔtsʜj tɑzʕɑʃ ɑzʘɔɑzʰ j ɑzɑʃj ç⋀tsɑzsʜɑzsè fɳzɤ⊙ʸ lsfɳʸ. ʉ tstslsɔj lsfɳtsɔj ɑzɑzs ɑzj ɑzʷj lsfɳʸ ⊐⊙tɑ⊙ʕlsj tɕʜʳ ⊐⊙ɑzɑʃʷ.

ʊ ɑʃfɳʃʳ lszj ɑzʒʔ ʂ. ʀ. ɻ ɑzʘstsɑzsɔ⊙ z¸ ⊙ʃtsɔ⊙ɑzsɔtsʔ, ɔ ʙtsʜtɑfɳtsɔlzʁ ʰ j ɑzʒfɳtsfɳtstsʷɑzɑʃɑʃ ɑʃ ɔ ɠɑʃtʃɑzsfɳtsɑʒɑzɑ⊙ɑʒʙlzɑzɑʃʟɑzj ɑzɟɑʃʟɑzj ɑzɑzs ɔtsʟɑzɑʃʕ⊙ɑz⊙tɑj ʟʕ⊙ʸ ɻ ɑʒsɻɑʃtsɑzɑ⊙ɑzʷ ɑzʘʸ tɑj ⊙ʕɻɑʃʷ tslstɑʃɻ⊙lsj ɑzʷ ɑzsɠts (tsʙtstɑtsɑzɑʃlsj ɑzʷ ɑzsɠts) ⊐⊙tɑ⊙ʕlsj tɑ⊙) fɳtstʃtɑtsɔtsʏʜ⊙ɔʰ ⊙ʸfɳʸ tʃtsʷɔɑzɟɑzɑʃj ɑʒɑzʘɠɑzɑ⊙ʟ⊙ʕ fɳɑzɟʟ ɔ tslsɔj ls ɑzʘ ɔʜʳ ⊐⊙ɑzɑʃj ʟ⊙ʃ⊙ʕ⊙ɑzʘʸ ⊙lsʳ tɑɑzsɠts fɳʃɑʃtɑls⊙ɻ tsfɳɑzɟ ɑʃɑʒʃj tɑ⊙lsɑʃɔɑzsɠts ɔɑzʰ j ɑzɑʃʷ: çʕ lsts ɑzɟ fɳʃɑʃtɑls, ɻ lsts ʷʷ ɑʃ⊙ɑzʕɑʃ!è ð j j tɑj ⊙ʕɻɑʃʷ tɑj ʟʕts ɑʃʟɑzj ɑzɑʃɑzʘfɳ, ɑʃ tsɑzʘɔʜʳ ⊐⊙ɑzʘ⊙ɑzʘʸ ⊙lsʳ tɑɑzʔ fɳʃɑʃtɑls tʃtsɑzɑzsʔ ɠtɑzʜʲʁ. ɻ tɑɑʃ ɻ lstsɑʒʙtɕʁ ʰ ɑzʔ j tɑj ʷʷ ɑzɟʕfɳ ɑʃfɳɻj ʟɑzɑʃ (ɻ ɑzʘlstsɑzsɔ, 1957).

ʕʕfɳʃj tɑɑʃɑzj ɑzɑzsʳ tʃts ɑʃʟɔtɑ⊙ʸ j ɑzɑʃʁ ɔʕlzfɳtsɔtsʔ ɻzɔfɳksɔʃlsj ɑzʔ ɑzsfɳksɑʃ fɳɻɑʃlsʘʸ lsfɳʸ ⊐tɑj fɳkstsɑʒ⊙lsɑʃʔ ɑzʔ ɑʒʃ. ʊ ɻj ɑzʔ ɑʒʃ ʙʳ ɑzɑzs tʃtɑtsɔj ʜj ɑzɑzs ɑʒɑzɑzsʏ j fɳksɔts tstʃʳ lstsɔ, ɔ ʕtslststɕʳ ⊐ tʃtsʷɔɑzʷɑzɑʃfɳ ɔʕlzfɳtsɔʳ j tsʰ lzʰ j ɑzɑʃʷ tʃtɑɑʃ tslsfɳzlsfɳksɔɑʃɑʃ fɳtstslsɔj lsfɳksɔlzʁ ʰ j ɠts tɑ⊙ʟʜtɑ⊙ʏɑʃlsj ɑzʷ. ɭ ⊙ʃtɑɑʃɑʒj tɕ, ɔɑzʰ ⊙ɑzsfɳ: çɪʳ j ʜɑʃlsj fɳtsɑzɟ ɑzɑzsj, ʕɑʃfɳɑzɑzsj, ɠtstɕʳ ʕtsj ɑʃ ls. ʜ.è. ɪ ɻ lsts ɔtɑj ɑʒʷ tʃtɑj ʜɑzʘ⊙ɑzʘɑʃfɳ tʃtɑtslsɑʃɔtstʃtsɑzsʏ ɑzʔ j tʃts ɔʕlzfɳzʃtɑtsʜlzʕlsʳ. ɪ ⊙ɑzʜj tɕɪ j ɑzʔ ʜj ɑzʔ(1926) ɔɑzʰ ɑʃɑzʟ⊙ʘɑʃtʃɑzslsɑʃʟɑʃtɑtsɔ⊙ɑzɑzsɑʒz, ɻlsts lstsls fɳj ɑzʙtsɑzʰ tsj ʕtsɑzɑʃɻj fɳksɔts ɑʒɑzɑʃɑʒsɠts fɳ⊐⊙tɑ⊙ʘɑʃ ɑʃ ɔʳ lɔ⊙ɑzlz ɑzɟɠts fɳ⊐⊙tɑɑzʔ ʜɑʃ⊙ʙj ls. ɭ ɑʃɑzʔ fɳj ɑzɑz ɑʃ ɻ j j tɑls-ʃ tɑɟ ɑzfɳj ɑzɑz lsʘʕʏ j ɻzʜ⊙ɑzsfɳ tʃtsɑzɑzɻɑʃlsʳ ɻzɔj ɑzɑʃɻj ɑzɑʃj fɳ⊐⊙tɑ⊙ɔ ʕtɑtsɔɑʃ, ʕtsɠʜ⊙tsɑzɑʃ ɔɑzʰ ɑʃɑzʃ ɑʃʟ⊙ɠɑʃtʃɑzslsɑʃʟɑʃtɑtsɔ⊙ɑzɑzsɑʒz, ɻlsts tsɑzʃʲ j ls ɑzɟ ɔtsʜlz, ⊙ɠlzfɳksts? tɑ⊙fɳksɔtstɕ fɳ⊐⊙tɑ⊙ʘ ʉ ʜɔɑʃɠ ɔ tʃtɑtslsɑʃɔtstʃtsɑzsʏ ɑzɑzʁ fɳkststɑtsɑzɑzʳ ɔʳ lɔ⊙ɑzlz tʃfɳɑʃ⊐ɑʃ⊙kstɕʒ tɑɑʃʔ ɸ ɑzɟʕfɳ⊙ɑzʜtɑtsɔɑʃɻ ɻ tsɔtstɑɑʃɑzɑzfʃʔ (1895ð 1965), ɔɑzʰ ⊙ʸ: çɪʳ tʃʲ j lsj ʜɑʃfɳsɑʃɑzɑzɑʃtɑtsɔ⊙ɑzɑzʁ ɔtsʜlz!è ɪ ʜj ʔ fɳksɔɑʃlsj ɑzʔ ɑzsfɳksɑʃ ʙʳ ɑzɔʳ tʃɑʃls ʕtsɑzɻj ɑzstɑʃtɑtsɔ⊙ɑzɑzʔ ʔ fɳ⊐⊙tɑ⊙ʘɑʃʔ tɑ⊙fɳksɔtstɕ. ʈ j ʟlzɑzʔ lsʘlsts ʕʕ⊙ʟ⊙ɑzʃʷ ɑzj tsʏ ɑʃʜ⊙ɑzɑzʔ ɑʒ fɳtsʜj tɑʏ ⊙ɑzɑʃj fɳ⊐⊙tɑ⊙ɔ ʕtɑtsɔɑʃ ɑzj lstsɑzʔ ʕts ɑzj tʃtsɔʳ fɳɑʃɑzsfɳj, ɑzɑs, ɑzʘsʙtstɑtsls, ɔ tʃj tɑɔlzʁ lstɑj lsʲ tstʃʳ lsʘtɑj ʟʕts lzɑzj ɑzʔ ɑʃɑzsfɳ tʃts fɳtɑɔɑzj ɑzɑʃʁ fɳ ɑʃfɳ⊐tsʜɑzʔ ɑʒ(ɻ tsɔtstɑʃɑzʃʕʃ, 1934).

ɭ ɑzʰ j ɑzɑʃj ɑʒɑzʒʏʏ ɑzɑs tsfɳɔtsʙtsʜɑʃlsʲ tsls ʜj ʔ fɳksɔʃʷ ⊙ɑzʕtsɠtsɑzʸ ɑʃ, ɑzʘsʙtstɑtsls, ɔʳ lɔ⊙lsʲ j ɠts ʜj ʔ fɳksɔʃj. ɻ j tɑɔʳ ɑʒ ʕlsts ɔɑzʰ j ɑzɑʃj ɑʒlzfɳkstɑ⊙ɑzʃɑʃɑzɑzʃtɑj ⊙ɑzɑzsj tstʃʲʷɑzɟɑzɑʃj, ʙʳ ɑzʂ tɑ⊙ʷls-ʕ ʙʃɑzɑzs. ʃ ɑzʜ⊙ɑzʀ tɑɑʒj ɔʳ tʃɑʃlsʲ ɑzʃʕj tɕ, ɔɑzʰ ⊙ʸ, ɻlsts ɻ lstsɔtsʜ⊙ʂ. ʀ. ɻ ɑʘlstsɑzsɔ fɳksɔɑʒj fɳks-

ʤ̰ ʦ fŋʧ fŋʠ̄ʦʤ̰ʦɠʘʤ̰ʒʠ ɸ . ʅ . ʄ ʘʯʢʝ ɘʠʯ (1931), ʄ . ʉ . ʃ ʝ ʙ ʝ ʜʠʤ̰fŋʢʠʤ̰ʒ (1941) ʠ ɽ . ʅ . ʂ ʦʟʠfŋ (1951)

tɕʘʟɘʠʤ̰ʅ lsʠ ʦʧʳ lsʳ . ɟ ʷlsʠ ʠfŋʧʳ lsʒʝ ʤ̰ʒ ʤ̰ʒʙʳ ʤ̰ʦ ɘʤ̰ʒʰ ʝ ʤ̰ʦ: çɟ ʦfŋʤ̰ ʧ tɕʦʙʒʞ ʜʝ ʤ̰ʠʷ ɘʳ ʧᴵ ʝ lsʝ ʤ̰ʒʠʤ̰ tɕʘʤ̰ ʤ̰ʒʶ ɘʦʜʒè . ʌ ʘʢ lsʠʯʝ fŋʢʠ ʦʤ̰ʠ ɘʳ ʧʠʤ̰ʠ 200 ʤ̰ʒʢtɕʝ ʧʢʦɠʦ 20-ɠtɕʘʜʒfŋʤ̰ʦɠʦ ʧʦtɕlsɘʝ ʡʤ̰ʘ ʅ ʠʢʘʢʠ̄ ɘʤ̰ʰ ʤ̰ʠ̄ ʧtɕʠʟʤ̰ʘʢʦɘ ʦʧᴵ ʷʤ̰ ʤ̰ʠʷ, ɘʦʟʤ̰ʠʢʘʰ ʠ̄ ʒ ʤ̰ʠ̄ tɕʘʤ̰ʝ ʧʦfŋʤ̰ ʧtɕʠʤ̰ʷ lsʠʷ ʘʤ̰ʢʦɠʦʤ̰ʷ, ʤ̰ ʦlsʤ̰ʝ ʯʘʤ̰ʦfŋ . ʕ lsʦ ʧʦʜlsɘʝ tɕʞ ʜʘʤ̰ʦfŋ ʠfŋfŋʤ̰ ʜʦɘʘʤ̰ʝ ʤ̰ʒɘʝ ɠʝ lsʘlsʠɘʤ̰ ʠ̄ tɕʝ ʘʢʯʠʡ ʠ ʧʦɘʝ ʜʝ ʤ̰ʝ ʤ̰ʒ ʠfŋʧʳ lsʒʝ ʤ̰ʒ ʠ̄.

ɟ tɕʦʷ ʝ fŋfŋʦtɕ ɸ . ʀ . ʉ ʒʤ̰ʒʙʘʝ ɘ ʧtɕʦɘʝ ʤ̰ʘʤ̰ʘʤ̰ʦɠʠʯʤ̰ ʝ ʦʧʳ lsʳ ʠ ʧtɕʠ ʦʙ fŋʤ̰ ʜʦɘʘʤ̰ʠʠ ʠfŋʧʳ lsʒʝ ʤ̰ʒʦɠʦ ʤ̰ ʦʙ ʤ̰ʘtɕʤ̰ʞ ʠʤ̰ʧtɕʠʟʤ̰ʘʢʦɘ ʦʧᴵ ʷʤ̰ ʤ̰ʠʷ: ʧʒʤ̰ fŋ ʜʘʤ̰ ʤ̰ʝ , ʜʳ ʠ̄ʘʤ̰ʝ ʙʳ ʤ̰ʠ ɘ ʤ̰ʦtɕʤ̰ʝ . ɟ tɕʠ ʅ ʢfŋʧʝ tɕʠʤ̰ʝ ʤ̰lsʝ ʦʙ tɕʘlsʤ̰ʦɠʦ ʧʦtɕʷ ʜʢʘ (ʒʧʦlstɕʝ ʙ ʤ̰ʝ ʤ̰ʦ ɘʤ̰ʒlstɕ 200 ʤ̰ʒʤ̰ 20-ɠtɕʘʜʒfŋʤ̰ʦɠʦ ʧʦtɕlsɘʝ ʡʤ̰ʘ ʷ ʘʢ lsʠʯʝ fŋʢʠ ʙʳ ʤ̰ʦ ɘʳ ʧʠlsʦ lsʘʢʦʝ ʞ ʝ ʢʦʤ̰ʠʯʝ fŋlsɘʦ ʯʠfŋlsʦʡ ɘʦʜʳ) ʦʙ fŋʤ̰ ʜʦɘʘʤ̰ʝ ʒʢʘʟʳ ɘʘʤ̰ʦ ʤ̰ʘʠʟʤ̰ʝ ʤ̰ ʤ̰ʠʷ, fŋʦʦlsɘʝ lsfŋlsɘʒʶ ɦ ʠʝ ʘʤ̰ʢʦɠʦʤ̰ ʤ̰ʦʤ̰ʒ ʦʧᴵ ʷʤ̰ ʤ̰ʠʶ . ɟ tɕʠ ʅ lsʦʤ̰ʒɘʤ̰ʰ ʤ̰ʝ ʧʦɘʝ ʜʝ ʤ̰ʝ ʠfŋfŋʤ̰ ʜʒʝ ʤ̰ʒ ʠ̄, ʠ̄ ɘʝ ɠʝ lsʘlsʠɘʤ̰ ʝ tɕʝ ʘʢʯʠʠ, ʜʘʤ̰ʤ̰ ʝ ʅ ʢfŋʧʝ tɕʠʤ̰ʝ ʤ̰lsʘʤ̰ ʤ̰ʦ-ʧ fŋʠ̄ʦʤ̰ʦɠʠʯʝ fŋʢʦɠʦ ʦʙ fŋʤ̰ ʜʦɘʘʤ̰ʠʷ ʒʢʘʟʳ ɘʘʤ̰ʠ ʤ̰ʘʠʟʤ̰ʝ ʤ̰ ʤ̰ʠʷ, fŋʦʦlsɘʝ lsfŋlsɘʒʶ ɦ ʠʝ lsʘʢʦɘʳ ʤ̰ʒʧtɕʠ tɕʝ ʘʤ̰ ʤ̰ʦʤ̰ʒɘʦʟʜʝ ʡfŋlsɘʠʠ ʘʤ̰ʢʦɠʦʤ̰ʷ, ɘʧʤ̰ʦlsᴵ ʜʦ ʅ ʤ̰ʝ ʢlstɕʦʢʘtɕʜʠʦɠtɕʘʷ ʠʯʝ fŋʢʦʡ ʢʘtɕlsʠʤ̰ (ʉ ʒʤ̰ʒʙʘʝ ɘ, 1946). ʅ ʦ ʅ lsʦ ʤ̰ʝ ʧtɕʝ ʜʝ ʤ̰ ʊʘʢ, ɸ . ʃ . ɼ ʦʤ̰ʠʤ̰ ʢʒʧ ʠtɕʦɘʘʤ̰ʜʝ ʡfŋlsɘʠʝ lsʦʢfŋʠʯʤ̰ ʠ̄ ʜʦʟ ʤ̰ʒʦtɕʷ ʠʤ̰ʘ (ɼ ʦʤ̰ʠʤ̰, 1948).

ʉ . ʌ ʦɠʝ ʤ̰ ʠ ɸ . ʇ ʦʷ ʷ ʝ tɕ ʦʧʠfŋ ɘʘʶ ls fŋʤ̰ʒʯʘʡ, ʢʦɠʜʘɘʤ̰ʒʰ ʝ ʤ̰ʠʝ ʤ̰ʒ ʒʜʘʘʤ̰ʦfŋ fŋʤ̰ʠʟʠlsᴵ lsʦʢfŋʠʯʝ fŋʢʠʝ ʷɘʤ̰ ʤ̰ʠʷ, ɘʳ ʟɘʘʤ̰ʤ̰ ʝ ʧtɕʠʝ ʤ̰ʦʤ̰ʒʧtɕʝ ʧʘtɕʘlsʘʃ ʉ ɼ -25. ʉ ʧʒfŋlsʷ lstɕʠ ʤ̰ ʜʝ ʤ̰ʠ ʅ lsʠ ʘlsʦtɕʳ ʧʦʤ̰ʤ̰ʦfŋlsᴵ ʶ ɘʦfŋʧtɕʦʠʟɘʝ ʤ̰ʠ fŋʠʤ̰ʜtɕʦʤ̰ʒ ʠʤ̰lsʦʢfŋʠʢʘʯʠʠ ʜʘʤ̰ʤ̰ ʤ̰ʒʧtɕʝ ʧʘtɕʘlsʦʤ̰ʒ fŋʧ ʦfŋʤ̰ ʜʒʶ ɦ ʠʤ̰ʒʝ ɠʦ ʒfŋlstɕʘʤ̰ ʤ̰ʠʝ ʤ̰ʒ lsʝ ʤ̰ʒʞ ʝ ʧʒlsʝ ʤ̰ʒ (Fogel, Hoffer, 1962, p. 11 ð 16).

ʇ tɕʘʯʠ ʄ ʘtɕʢʒfŋʠ ʉ ʘʤ̰ ɠtɕʝ ʤ̰ɘ fŋlsʦʢɠʦʤ̰ ʤ̰ʒfŋʢʦʡ ʤ̰ tɕɘʤ̰ʦʡ ʢʤ̰ʠʤ̰ʠʢʝ ɘʤ̰ʒʰ ʝ ʤ̰ʠʝ ʤ̰ʒ ʦfŋʤ̰ʘʙʠʤ̰ʠ ɘʤ̰ʠʷ ʤ̰ʠʝ ʤ̰ʘɘʝ ɠʝ lsʘlsʠɘʤ̰ʶ ʤ̰ tɕɘʤ̰ʶ fŋʠfŋlsʝ ʤ̰ʒ ʘʜtɕʝ ʤ̰ʘʤ̰ʠʤ̰ʘ, ʘlstɕʦʧʠʤ̰ʘ, ʧʠʤ̰ʦʢʘtɕʧʠʤ̰ʘ, ʘlsʘʢʞ ʝ ʠʤ̰ʒ ʒʜʘʤ̰ʦfŋ fŋʤ̰ʠʟʠlsᴵ ɘʦʟʜʝ ʡfŋlsɘʠʝ ʠʤ̰fŋʒʤ̰ʠʤ̰ʘʤ̰ʘ fŋʜʝ tɕʞ ʘʤ̰ʠʝ fŋʘ̄ʘtɕʘɘ ʢtɕʦɘʠ ʙʦʤ̰ ʤ̰ʦɠʦ ʜʠʘʙʝ lsʦʤ̰ʒ ʕ lsʦ ʧtɕʦʠʟʦʰ ʤ̰ʦ ʧʒlsʝ ʤ̰ʒɘʤ̰ʒʰ ʝ ʤ̰ʠʷ, ʯlsʦ ɘʧtɕʳ fŋʢʠɘʘʝ lsfŋʷ ɘʦʜʘ, ɘ lsʦ ɘtɕʝ ʤ̰ʒʷ ʢʘʢ ʷ ʘʢ lsʠʯʝ fŋʢʠ ʠʤ̰ʝ ʤ̰ʘʤ̰ʝ fŋlsʦ ʠʤ̰ ʝ ʢʯʠʷ ʦʜʤ̰ʦɠʦ ʠʟ ʧʝ tɕʝ ʯʠfŋʤ̰ ʤ̰ʠʤ̰ ʠ̄ ɘʝ ɦ ʝ fŋlsɘ (Marcus, Sahlgreen, 1923).

ʃ ʝ ʤ̰ʠʤ̰ɠtɕʘʜfŋʢʠʡ ʧfŋʠ̄ʦʤ̰ɘtɕʦʤ̰ʦɠ ʊ . ɸ ʇ ʝ ʡʝ tɕ fŋʦʦʙ ɦ ʘʝ ls ʦʙ ʅ ʢfŋʧʝ tɕʠʤ̰ʝ ʤ̰lsʘʠ̄, ɘ ʢʦlsʦtɕʳ ʠ̄ fŋʦʤ̰ʒʤ̰ʘʤ̰ʒʙʒʤ̰ ɘʤ̰ʝ fŋlsʦ fŋʤ̰ʘʙʠlsʝ ʤ̰ ʤ̰ʦɠʦ ʧʦʤ̰ʒʯʘʤ̰ʦʧʠʡ ʠʤ̰ʠ ɘʤ̰ʝ fŋlsʦ fŋtɕʝ ʜfŋlsɘʘ, ɘʳ ʟʳ ɘʘʶ ɦ ʝ ɠʦ ʟʘʧʦtɕ, ð ʢʘfŋlsʦtɕʦɘʦʝ

ɑʒ⊙fɳɑʊs. ∫ tɑj ıʟzɑz lsɔlsj ɑʑ⊙fɳʃszɑf⊙ɑʊs ɑʑ4 ʟ⊙ʕtsɑʊsɑʒj tɑɑʊsj ɑʒj ʜɑ∩ʕ⊙ɑʒj ɑʊʊsʃʟɑʊsj , ⊙ɑ∫ɑʒj ɑʊʊs fɳʒɑ⊙j fɳʃsɑ∫ɔɑʊsj ʜj ?fɳʃɔɑ∫j .

∫ tsfɳʃtsɔfɳʃɑ∫j lzɹuj ɑz j 2-ɑ⊙ts ∫ j ʜɑ∫ɑʑfɳʃsɑ∫lʃzlsɔ⊙f∫tsʜ tɑzʕtsɔtsʜfɳʃɔtɑtsʷʷj fɳɳʃtɑ⊙ɹ . ʀ . z¸ ⊙ʃsj ɑz² lʃj ?ɑʑ⊙ ɑ∫ʟzɹuɑ⊙ʊzɑ∫ʷɑzɑ∫j ɔɑʊzʰ j ɑzɑ∫ʷ ɑʑ⊙tstɑɑ⊙ʊz fɳʊzz∩⊙ ʀ fɳʃʳ lʃzj ɑʒsɑʒzʙʳ ɑʊs ɔɑʊzʰ j ɑʊs, ɹʊlsts fɳɔʕɑz ɹuj ɑzɑ∫j ɑʒ fɳɔj lsɔɑ∫ɑz t∫tɑɑ∫ ʟɔlzʕj lzɑf⊙ɔʰ j ?fɳʃɑ∫ɹʊʕɑ∫ tsɑzʟzfɳʊzʰ ɑ∫lsts ɹuj ɑz ?ʟɔlzʕ ð t∫lzʰ j ɹuɑz ?ɔʳ fɳʃstɑj ɑz ɹ tɑtsɔj tɑʕ⊙f∫tsʕ⊙ʟ⊙ɑʑ⊙ ɹʊlsts t∫tsfɳʊj ç ɔʳ fɳʃstɑj ɑʑ⊙è ɹʊlzɔfɳʃɔɑ∫lsj ɑz ɑʊsfɳʃsʰ fɳʊzz∩⊙fɳʊzɑ∫ʟɑ∫ɑʑ⊙fɳ tsɹuj ɑz tɑj ʟʕts ð ɔ fɳʃɑj ʜɑʊj ɑʒtslss 8 ʜts 20 ʜj ɹuɑ∫ʙj ɑz, lsts j fɳʃsʰ t∫tɑtsɑ∫ʟtsʰ ɑʊs tsɑ⊙ʊzʰ j ɑzɑ∫j , ʕtsɑʊslzʟɑ∫ʷ (z¸ ⊙ʃsj ɑz² lʃj ?ɑz, 1935).

∫ tɑzɑ⊙ts2 tsf∫ʳ lsʷɔɑzʷj lsfɳʷ j ʰ j ʙtsɑʊj ʜj ɑʒsɑzɳʃstɑ⊙lsɑ∫ɔɑz ɑʒ ∫ ʙtsʜtɑfɳʃɔɑzʟʁʲ ʰ j ɑʒ fɳʃsfɳʃstsʷɑzɑ∫ɑ∩ɔɑʊzʰ ⊙ɑʊsfɳʃ: ç⊙fɳʊzʲlsj t∫tɑɑ∫ fɳɑ∫ɑz ɑʊsɑʒ fɳʃlzʕ j ɑʒsɑʊslsʕtsɑʒt∫ts ɹ j ɑʊj ʟlz!è ʕ lsts⊙ts ʙʳ ɑʊs ʜtsfɳʃ⊙lstsɹuɑʊs, ɹʊlstsʙʳ t∫tsɹʊls∫ tsʜɑʊsɔtɑj ɑʒj ɑzɑʊs fɳlzʜ⊙tɑsɑʒ ɑʒsɑʊslsʕ⊙ɔtsʟɑzɑ∫ʕ fɳʃsz. ɔ ⊙f∫ɑ∫fɳ ɑz⊙ʙ⊙tɑ⊙ʙ⊙ʊzʲ ʕɑ∫ɑʒsɑ⊙tɑ⊙ʷ⊙tslsɑʒj lsɑ∫ɑz⊙ lzt∫ɑʊsʰ j ɑzɑʊsj t∫tsɔj tɑ⊙∩ɑʊsfɳʃsɑʊsj ʜʳ ∩⊙ɑzɑ∫j (ls⊙ʊʒɹj). ʀ lɔj fɳʃsz ?t∫fɳɑ∫⊙ɑ∫⊙stɑ⊙ʟ . ʟ . ʉ tɑj ʟɑʒʲ ɔfɳʃɑ∫? ʟzlsɔj tɑɹ ʜ⊙j ls, ɹʊlsts t∫tɑɑ∫ ɔɑʊzʰ j ɑzɑʊs? ɑ⊙ʊz∩⊙tslsj ʜ⊙ɹj ɔʳ fɳʃstɑj ɑzɑ∫ʟ tɑj ɔtsz ɔj tɑ⊙ʊlz fɳʃ⊙ʊʒsɑ⊙ts lz∩⊙ fɳʃsɑʒɑ⊙ʊʒʙlzʊz ʊʒj ɔʳ lʳ ɔ⊙j ls ʜʳ ∩⊙ʃsj ʊz ɑʊs? tɑj ⊙ʕɹuɑ∫ɑ∫ (ʉ tɑj ʟɑʒj ɔfɳʃɑ∫?, 1926).

ɹ j tɑj ɹuɑ∫fɳʃɑʒj ɑzʊz j ɹʲʕfɳʃ j tɑɑ∫ɑʒj ɑʊs t∫tsʕ⊙lʳ ɔ⊙ʸ ls, ɹʊlsts ɔ ɑ⊙ɑ∫t∫ ɑʊsfɳʃsɑʒɑʊʒʙlzɑʊ∫ʟɑʒj ɑʒs⊙ɹ ɑʊs ɔɑʊzʰ ɑ∫lsʷ t∫tɑtslsɑ∫ɔtstf∫tsɑʊs⊙ɹ ɑʊsj ʜj ?fɳʃɔɑ∫lsj ɑz ɑʊsfɳʃsɑ∫ ɑ∫ ɔʳ ʟɔ⊙lsʷ tɑj ⊙ʕɹuɑ∫ʁ , ʕtslststɑ⊙ʸ t∫tɑʷɑʒs t∫tɑtslsɑ∫ɔtstf∫tsɑʊs⊙ɹ ɑʊsj ʜj ?fɳʃɔɑ∫lsj ɑz ɑʊsɑʒz tɑ⊙ʟʜtɑ⊙ɹj ɑʊs∫ʁ . ɹ tsfɳɑʒj ʜɑʒj ɑ⊙tsɔtstɑ∫ls ts lstsɑʒ ɹuɑʊs ɑʊ⊙∩tsʜʷʰ ɑ∫j fɳʃ ɔ ɑ⊙ɑ∫t∫ ɑʊsfɳʃsɑʒɑʊʒʙlzʊz ʊʒ t∫tsʜʜ⊙ʸ lsfɳʃ ɔɑʊzʷɑʊs∫ʁ fɳɑʊsɔ ʙtsɑʊzʰ j , ɹuj ɑʒɔtsʟʜj ?fɳʃɔɑ∫ʁ tɑj ⊙ʊzʊz ɑʊs? fɳʃɑj ʜʳ . ʀ ɑʊ⊙uj ɑ⊙tsɔtstɑʷ, fɳʃsɑʒɑʊʒʙlzʊz ʊʒɹuj fɳʃtsj fɳʃsfɳʃstsʷɑʊsj lzfɳʃ⊙ɑʊ⊙ɔɑʊ∫ɔɑ⊙j ls t∫tɑʷɑʒzʁ fɳɔʷʟʲ ɑʒj ɔʜlz fɳɑʊsɔ⊙ʒ∫ tstf∫j tɑ⊙lststɑ⊙ɑ∫ t∫tɑtsɑ⊙tɑ⊙ʒɑʒ∫tɑzʁ ʰ ɑ∫ɑʒʙɑʊsʕtsɑʒɑʒʟɑ⊙ɔ , fɳʃstslsɔj lsfɳʃɔj ɑzɑʊs, lsj ɑʒ∫ʷ lzɑʕʰ ɹuɑ∫ʷɑʒ∫, ʕtslststɑʳ ɑʒ∫ tsɑzʟzf∫tɑ⊙ɔɑzʷj ls.

ʕ lsɑ∫ ɔʳ ɔtsʜʳ ɔf∫tsɑʊzj fɳʃsɑ⊙ɑʊzʰ lsfɳʷ fɳɑ∫fɳɑ∫j ʜtsɔ⊙ɑzʷɑʒ∫ ϕ . ∫ . ∫ tsɑzɑ∫ɑ⊙ʕtslststɑ∫ɑz² t∫ts⊙ʟ⊙ɑz, ɹʊlsts ʙɑ⊙ɑ⊙tsʜ⊙ɑ⊙ʷ ɑʒʃʰ ɑʊs? tɑj ɑz-ɑzʷlststɑʊs? ʜj ʷlsj ɑz ɑʊsfɳʃsɑ∫ ʕtstɑʳ ʙtsɑzʰ ɑ∫∩ t∫tsɑzʰ ⊙ɑɑ∫? ɑʒsɑzlsʟɑ⊙ɑ⊙ɹuɑ∫lsj ɑz ɑʊs ɑ∫ʟɑʒj ɑzʷlsʲ fɳʃ ɑ∫ɑʊsj ɑʊɳɑ∫ɔɑʊsfɳʃsʲ ɑ∫ ∩⊙ɑ⊙ʕlsj tɑɑ⊙ɑ∫ʕɹuɑ∫? tstɑɑ⊙ɑʊɑ∫ʟɑʒ⊙ɑʊ⊙ɑʒɑʊsɑ⊙ɑ∫j lstsʕfɳɑ∫ɹuj fɳʃɑ∫j ɑ∫ t∫⊙lstsɑ⊙j ɑzɑʊzʰ j ɔj ʰ j fɳʃsɔ⊙(tsf∫ʳ lsʳ ɹ j ?j tɑ⊙) (ɹ tsɑzɑ∫ɑz, 1934).

∫ ɹʲlsts2 fɳʃʷʟɑ∫ fɳɑʲj ʜlzj ls ɔfɳʃtsɑʒɑzɑ∫lsʲ tsʙ tsf∫ʳ lsʕ∩ ∫ . l . ɹ tɑtsʷj j ɔts?, t∫tsfɳʃsɔ⊙ɑʲj ɑzɑʊz ∩ ɔ ɑʊ⊙ʙtstɑ⊙lststɑ∫ɑ∫ ʀ . ɹ . ɹ ⊙ɔɑʊsɔ⊙ ∫ ɹʲlsɑ∫∩ tsf∫ʳ lsʕ∩ ʙtsɑʲɔtsj tɑ⊙ʟʜtɑ⊙ɹj ɑzɑ∫j , ɔʳ lʳ ɔ⊙j ɑʒtsj ɹʲ ɑʲj ʕlstɑ∫ɹuj fɳʃɑ∫ɑʒlststsʕtsɑʒ tsɑzʊ fɳɳj ɑzʊ⊙ɑʊ⊙ʟzfɳʃɑʊsɔɑz ɑʒ fɳʃɑ∫ɑ⊙ɑʊsɑʒ t∫tɑ∫ʰ j ɔtsʔ tɑj ⊙ʕɹuɑ∫ɑ∫.

ɟ tsfɪʝsfɪʝsdʒdʑʘdʒʙlzdʑʈɥ fɪʆʈȷ ɘdʑzʰ ȷ dʑʃʷ

ʂ dʑ ɥ ʕ lsʘʡdʑʘdʒʜlzʰ ȷ ɘdʑsʡ ʞ ʈʟdʑʃ dʑȷ ʞ ʈls ɘ ʧ fɪʝʃ tsdʑsɢʈʈ ʙ ȷ fɪʝʝsʟdʑʘlsȷ dʑ dʑsʡ ʧ fɪʝʃ ʈʕʈ.

ʌ tɕȷʡʜ

ʂ ʘtɕdʑɸ dʑȷ ʕ fɪʝʘdʑʜtɕ ʌ ȷ tɕʜʈdʑʘdʑʜ ʂ dʑzɢȷ (1782ð 1844), ʧtɕsʷ ȷ fɪʝʝstɕ ʀ dʒʧȷ tɕʘlststɕfɪʆtsʡ ʧtɕdʑfɪʝʆtsʡ dʒȷ ʜʈʕts-ʈtɕdʑtɕɢʈɥȷ fɪʆtsʡ ʘʕʘʜȷ dʒʈʈ, ɘ fɪʝtsȷ dʒʈfɪʝʝdʑȷ ʜtsɘʘdʑʃʈ ʞ ʈɘtslsdʑsɢts dʒʘɢdʑȷ lsʈʟdʒʘ ʈʟʜʘdʑdʑsdʒɘ ɺ ȷ dʑȷ ɘ 1815 ɢtsʜlz, tsʧʈfɪʝ ɘʘȷ ls tsʜʈdʑʈʟ ʧȷ tɕɘʳ tsʧʳ lstsɘ fɪʝtslsfɪʝtɕtsɥȷ dʑdʑ dʒɘdʑzʰ ȷ dʑʃȷ dʒ ʧtɕtsʜȷ dʑʘdʑdʑ dʒʘɢdʑȷ lsʈʟȷ tɕtsdʒʄ tsdʑʃdʑȷ fɪʝfɪʝs*. ʉ lzlsᴵ tsʜdʑsɢts ʈʟ dʑʃ ɘ lstsdʒ ɥlsts ʄ tsdʑʃdʑȷ fɪʝʝs ɘdʑzʰ ʈdʑ dʒsdʑsʜtsʡ ʜȷ ɘlzʰ ʕȷ dʒʳ fɪʝdʑ ʧtɕʈʡlsʈ ɘ ʜtsdʒ ɘ ʕtslststɕʳ ʡ tsdʑʘdʑʃ ʟʘɥlsts dʑȷ tslsȷ dʑʘʈʜlsʈ ɘ ʙtsʜtɕfɪʝsɘlzʶ ʱ ȷ dʒfɪʝsfɪʝstsʷ dʑʃʈ. ʉ ʘdʒʄ tsdʑʃdʑȷ fɪʝʝs ʈʟʜʘdʑtsʧʈfɪʝʘdʑʃȷ ɻ lstsɢts tsʧʳ lsʘɘ 1789 ɢtsʜlz ʧtsʜ dʑʘʟɘʘdʑʃȷ dʒ ç Neurolog. Centralblè. ʊ ʙtɕȷ dʒȷ dʑfɪʆtsɢts ɘtɕʘɥʘɸ ʜtsdʑ ʷʘʌ ȷ tɕʜʈdʑʘdʑʜʘɺ ȷ ʈdʑɢtsdʑ ʜʘ lstsʞ ȷ ȷ fɪʝsᴵ ʧtsʜtsʙdʑsȷ dʑʘʙdʑ ʜȷ dʑʃȷ (Weingold, 1805, s. 124).

ʉ lstɕdʑʜtsdʒɘȷ tɕʃdʑʃ, ɥlsts ʞ ȷ dʑʱ ʈdʑʘdʒsɢdʑʘʟʘʙʳ lsᴵ fɪʝsʜȷ tɕʞ ʘdʑʃȷ ɘdʑzʰ ȷ dʑʃʷ ʈ ɥȷ tɕȷ ʟ dʑȷ ʜȷ dʑ ʧtɕʈʰ dʑʘɘ lzʕʘʟʘdʑdʑsȷ dʒȷ fɪʝsts ɘ dʑʘʟdʑʘɥȷ dʑdʑ ʡ ɥʘfɪŋ dʑȷ ʟdʑʘʷ ʈfɪʝsʈdʑdʑsʡ ʧtɕʈɥʈdʑsʡ fɪʝtsȷ ɢts ɘʈʟʈlsʘ ʄ dʑsɢʈȷ lzɥȷ dʑ ȷ ɘʳ tɕʘʞ ʘdʑʃ fɪʝsdʒdʑȷ dʑʃȷ ɘ ɘtsʟdʒsʞ dʑsfɪʝsʈ lsʘʕtsɢts tsʧʳ lsʘ tslsʷ ȷ ʱ ȷ ɘ 1823 ɢtsʜlz ɹ ȷ tɕlstɕʘdʑ fɪŋʈlsʘdʑȷ ɢts ʙʘdʑʘdʑ dʑ dʒ ɸ dʑȷ ʕ fɪʝʘdʑʜtɕ ɹ ȷ tɕlstɕʘdʑ, ts ʕtslststɕtsdʒɘ fɪʝtsȷ ɘtɕȷ dʒʷ tɕʘfɪʝʆʘʞ ȷ dʒ dʑzɥʰ ȷ fɪʝtsʈ fɪʝsɘtɕȷ dʒȷ dʑdʑʃʕtsɘ ʧtsdʑʃdʒʘdʑtɕtsdʑ ʧtsfɪʝsfɪʝsdʒdʑʘdʒʙlzdʑʈɥȷ fɪʆtsɢts ɘdʑzʰ ȷ dʑʃʷ. ʅ ʜdʑʃdʒʈʟ ʧȷ tɕɘʳ tsdʑ tsʧʈfɪʝʘdʑdʑ ʙtsʧʳ lsdʑ ʡ tsʧʳ lsː ɘdʑzʰ ʈdʑʟʘɢʈʧdʑslsʈʟʈtɕtsɘʘdʑdʑsdʒz ʧtɕʈʡlsʈ ɘ dʑʘʟdʑʘɥȷ dʑdʑ ʡ ʜȷ dʑ ʈ ɥʘfɪŋ ɘ ɟ tsdʑʈlsȷ dʑʃɥȷ fɪʆlzʶ ʰ ʕtsdʑz, ɢʜȷ tsdʑʧtɕȷ ʧtsʜʘɘʘdʑ. çʏ lstsʙʳ tsdʑɘʳ ʧtsdʑdʑʃdʑɻ lsts ɘdʑzʰ ȷ dʑʃȷ ,ð ɢtsɘtstɕʈls ɹ ȷ tɕlstɕʘdʑ,ð ɘtsɘfɪʝ dʑȷ dʑzʞ dʑs tsʙ ɻ lstsdʒdʑʘʃ tsdʒʈdʑʘlsᴵ , ʕtsɢʜʘtsdʑʧtɕtsfɪʝdʑȷ lsfɪʝʷ. ɺ dʑʘʟdʑʘɥȷ dʑdʑsȷ ɘtɕȷ dʒʷ, dʑȷ ʟʘɘʈfɪʝʃdʒs tsls dʑȷ ɢts, ʷɘʈlsfɪʝʷ ʞ ȷ dʑʘdʑʃȷ fɪʝʜȷ dʑʘlsᴵ lsts, ɥlsts ȷ dʒz ɘdʑzʰ ʈdʑʃ, ʧtɕʈɥȷ dʒ fɪʝzʙʲ ȷ ʕls dʑȷ fɪʝdʒsʞ ȷ ls ʜʘlsᴵ fɪʝʙȷ tslsɥȷ ls, ɥlsts ʈdʒȷ dʑdʑs lstsdʑʘȷ ls ȷ ɢts ʜȷ ʡ fɪʝsɘtsɘʘlsᴵ ɘ ɻ lstsdʒdʑʘʃtɕʘɘdʑȷ dʑʃʈè (Bertrand, 1823, tɕ. 199).

Versucheiner Darstellung des animalischen Magnetismus als Heilmittel, Wien, 1. Th. p. 166.

ʉ꞊ʦʜdʑʑʁ dʒ fŋdʑ ɘʳ fŋ̊ʘʟʘdʑɼ ʝdʑʟ: çɟ ʘɢdʝlsɖʟʝtɕdʒʦʞʝls ɘdʑʑʰ ɖlsᴵ dʑʘʕʦʜʷʱ ʝdʒʑfŋʷ ɘ fŋsdʒdʑʘdʒʙʑdʑʈʟdʒʝ fŋʑʙʲ ʝʕlsʑ ʕʘʕʑʁ -dʑʈʙʑʜᴵ ɖʜʝʁ ɖdʑʈ ʜʝʔfŋsɘɖʝ, ʕʦlsʦʦtɕʦʝ ʦdʑʜʦdʑʞʝdʑɘʳ ʧʦdʑdʑʈlsᴵ dʑʘʷɘʑ, fŋʘdʒdʝ ʟdʑʘʷ ʧʦʮʝdʒʑ. ɟ ʘɢdʝlsɖʟʝtɕdʒʦʞʝls ɘdʑʑʰ ɖlsᴵ fŋsdʒdʑʘdʒʙʑdʝ: "ɺʳ ɘʝtɕdʝlsʝfŋ ʜʦdʒʦʔ ɘ lsʘʕʦdʒ-lsʦ ʮʘfŋʑ; fŋʝɢʦʜdʑʷ ɘʝʮʝtɕʦdʒdʝ ʧʦʔʜʝlsʝ ɘ lsʝʘlstɕ; ʙʝʟ fŋsʧtɕʦlsɖɘdʝdʑʈʷ ɘʳ ʧᴵ ʝlsʝ lsʘʕʦʝ-lsʦ dʝʕʘtɕfŋsɘʦ ɖ ls. ʧ.". ʉʦdʒdʑʘdʒʙʑdʑʘʧʦʮʑɘfŋsɘʑʝls fŋ̊dʑʦdʑdʑʦfŋsᴵ fŋʜʝdʑʘlsᴵ ɘfŋʝ, ʮlsʦʝʔ ʙʳ dʑʦ ʧtɕʝʜʧɖfŋʘdʑʦ, dʝ ʧʦʜʦʟtɕʝɘʘʷ, ʮlsʦ ɺlsʦ dʑʈʰ ᴵ ɘdʑʑʰ ʝdʑʈʝ è (Deleuze, 1825, tɕ. 118).

ɺ ʧʦfŋdʝʜfŋsɘɖɖ ɘdʑʑʰ ʝdʑʈʝ fŋʦlsdʑʦʞʝdʑdʑ dʒfŋtɕʦʕʦdʒɖfŋʧʦdʑdʝdʑʈʷ ʙʳ dʑʦ dʑʘʟɘʘdʑʦ ʧʦfŋsfŋsdʒdʑʘdʒʙʑdʑʈʮʝ fŋ̊ɖdʒ ɼ ʘdʑ dʝʔʰ ɖʝ ʦʧʳ lsʳ fŋᴸ lsɖdʒlsɖʧʦdʒɘdʑʑʰ ʝdʑʈʷ ʧʦʜlsɘʝtɕʜɖdʑʈ, ʮlsʦ ʜʝʔfŋsɘɖʷ dʒʦɢʑls ʙʳ lsᴵ ɘʳ ʧʦdʑdʝdʑ ʧʦʜ ɘdʑʈʷdʑʈʝdʒʧtɕʝʜfŋsʘɘdʝdʑʈʔ, dʝɖʟɘʝfŋsdʑ ꞊ ɖfŋʧʳ lsʑʝdʒʦdʒʑ.

ʀ dʑʘʮʝ ɢʦɘʦtɕʷ, ʧtɕɖʮɖdʑʘɘʳ ʧʦdʑdʝdʑʈʷ ʧʦfŋsfŋsdʒdʑʘdʒʙʑdʑʈʮʝ fŋ̊ʦɢʦ ɘdʑʑʰ ʝdʑʈʷ dʝʞɖlsɘdʝ ʧʦdʑʷ ʕʦdʑʦtɕʦdʑʈtɕʑʝdʒʦʔ ʮʘfŋsɖ fŋsʟdʑʘdʑʈʷ, ʮlsʦ ʦʙʲ ʷfŋdʑʷʝls ʦlsfŋʑlsfŋsɘɖʝ ɘʦfŋʧʦdʒɖdʑʘdʑʈʔ ʑ fŋsdʒdʑʘdʒʙʑdʑ .

ɟ ʘɢdʝlsɖʟʝtɕɸdʑʬʦdʑfŋʊᶅ fŋsʘlsʘʕ ɘʦfŋ꞊ɖlsɖdʑfŋʷ ɘʦʟdʒʦʞ dʑʦfŋsᴵʁ ʧʦfŋsfŋsdʒdʑʘdʒʙʑdʑʈʮʝ fŋ̊ʦɢʦ ɘdʑʑʰ ʝdʑʈʷ, ʮlsʦ ʧtɕʝ ʜdʑʘɢʘdʑlsʘʕɖdʒʦʙtɕʘʟʦdʒçtɕʝɢʑdʑʈtɕʦɘʘlsᴵ ʬɖʟɖʮʝ fŋ̊ʑʁ ɖ dʒʦtɕʘdʑ dʑʑʁ ʞɖʟdʑ ʑfŋ ʧdʑʷʝdʒʦɢʦ fŋʑʙʲ ʝʕlsʘɖ fŋʧʦfŋsʙfŋsɘʦɘʘlsᴵ ʝɢʦ dʒʦtɕʘdʑ dʑʦdʒʑ ʑfŋsɘʝtɕʰ ʝdʑfŋsɘʦɘʘdʑʈʁ è (Teste, 1845, tɕ. 431).

ʉʮʝ dʑʘɢɖʧdʑʦls ɖʟʘʮɖɖ

ȷ ʳ fɲʦʕɋʔ ʘlststɕɕʃlsȷ ls ʐ . ʈ ɋʰ ȷ ʕʘʕ lʑʮ ʤsɢ̂ts tsʕtsdʐɹʘlsȷ dʑ ʤs lʑʙȷ ʜɋdʑɋfɲɡɥʜtsɘʘlsȷ dʑ ʔ ɘ tɕȷ ʘdʑ ʤsfɲsɋ ʧtsfɲsfɲsdʒdʑʘdʒʙlʑdʑɕʃʮ fɲ̵ʕtsɢ̂ts ɘdʑʰ ȷ dʑʃʷ. ʀ fɲlsȷ ɸ ʧtstɕ, ʕʘʕ tsdʑtsʙ ɭ lstsdʒ dʑʘʧ ɋfɲʘdʑɘ fɲsʘlsᴵ ȷ çɭ tɕtsɘtsʯɋtɕtsɘʘdʑdʑ ʔ fɲsdʒdʑʘdʒʙlʑdʑɕʟdʒè, tsʧlʑʙdʑʕtsɘʘdʑʤsʔ ɘ j\jo 11 ʞ lʑtɕdʑʘdʑʘçɸ dʑʘlstsdʒɋʷ ɋ ʤstɕdʒʘdʑ dʑʘʷ ʬ ɋʟɋtsʤsɢ̂ɋʷ ɋ ʧʘlstsʤsɢ̂ɋɋ ʮ ʤsɘȷ ʮ fɲ̵ʕtsʔ ʜlʑʰ ɋè (1875 ɢ̂.), dʑʘlʑʮdʑ ʔ dʒɋtɕ ʧtɕɋʟdʑʘdʑȷ ɢ̂ts tɕȷ ʘdʑ ʤsfɲsᴵ . ʌ ȷ dʑʘʷ ʧdʑ ʷʜʘʟʘdʒȷ ʮʘlsȷ dʑ dʑ ɸ lʑʮ dʑ ɸ ʧtɕʃfɲslʑʧɋdʑʘʕ ɋʟlʑʮ dʑʃʁ ɭ lstsɢ̂ts tɕtsʜʘ ɘdʑʰ ȷ dʑʃʔ ɋ çtslsʕtɕʳ dʑʘè tsʜɋdʑʟʘʜtɕdʑɢ̂ɋdʒɘfɲ ʬ ʘʕlsʳ , lʑʞȷ ɋʟɘȷ fɲsdʑ ȷ ʧtɕȷ ʞ dʑʃdʒ dʒʘɢ̂dʑ lsɋʟȷ tɕʘdʒ ȷ ɋʁ dʑ 1889 ɢ̂tsʜʘʌ tɕȷ ʔʜ tslsʧtɕʘɋdʑfɲʷ ɘ ɩ ʘdʑfɲʃ, ɢ̂ʜȷ dʑʘʙdʑ ʜʘdʑtsʧʳ lsʳ ɹ ȷ tɕdʑɢ̂ȷ ʔdʒʘfɲ ʧtsfɲsfɲsdʒdʑʘdʒʙlʑdʑɕʃʮ fɲ̵ʕɋdʒɘdʑʰ ȷ dʑʃȷ dʒ ʕ lsɋ tsʧʳ lsʳ ʧtɕtsɋʟɘȷ dʑɕ dʑʘdʑ ɢ̂ts ɢ̂dʑʙtsʕtsȷ ɘʧȷ ʮʘlsdʑ dʑʃȷ . ʏ lsts ʞȷ lsʘʕ ʧtstɕʘʟɋʤs ʌ tɕȷ ʔʜʘʔ ɹ ȷ tɕdʑɢ̂ȷ ʔdʒɘdʑʰ ɋdʑɋfɲʳ lslʑȷ dʒsdʒlʑ, ʮlsts ʧtsfɲdʑ lstsɢ̂ts, ʕʘʕ lstsls ʙlʑʜȷ ls ɘʳ ɘȷ ʜȷ dʑɋʟ ɢ̂ɋʧʤsfɲsdʒdʑʘdʒʙlʑdʑɕʃʮ -fɲ̵ʕtsɢ̂ts lstɕʘdʑfɲʘ tsdʑʜtsdʑʞȷ dʑɘʟʷlsᴵ fɲɘȷ ʰ ʘdʑʕɋ ʟtsdʑsɋʕ tsʜʤsɢ̂ts ɋʟ ɢ̂tsfɲsȷ ʔ, tslsʕtɕʳ lsᴵ ȷ ɢ̂ts ɋ ʧtɕtsʔlsɋfɲ ʜɘʘʞ ʜʳ ʧts ɘȷ tɕʘdʑʜȷ . ʃ dʑɘʟʷdʑ, ʕʘʕ ȷ dʒlʑ ɘdʑʰ ɋdʑʃ, ʟtsdʑsɋʕ, ʧtɕʘʜʘ tsdʑdʑ tslsʕtɕʳ ɘʘdʑȷ ɢ̂ts, ʤs ʧtsʕɋdʑdʑʕtsdʒdʑʘlslʑ ɋ ʜɘʘʞ ʜʳ ʧtɕtsʰ ȷ dʑfɲʷ ʧts ɘȷ tɕʘdʑʜȷ , ʧtsfɲdʑ ʮ ɢ̂ts ɘȷ tɕdʑdʑfɲʷ. ʂ tsɢ̂ʜʘɹ ȷ tɕdʑɢ̂ȷ ʔdʒʧtsʧtɕtsfɲɋdʑȷ ɢ̂ts tsʙʲ ʷfɲdʑʃlsᴵ fɲɘtsȷ ʧts dʒȷ dʑ ʰ ȷ ʔ dʒȷ tɕȷ fɲstɕʘdʑʤsȷ ʧtsɘȷ ʜȷ dʑʃȷ , lstsls ʟʘʷɘɋdʑ, ʮlsts çʜʳ ʰ ʘdʑɘtsʟʜlʑɸtsdʒè, dʑʘfɲsʘɋɘʘʷ, ʮlsts ɋdʒȷ ȷ ls ʧtɕʃɘʳ ʮʕlʑ ɋʤsɢ̂ʜʘɋdʒȷ dʑʤs lsʘʕ ʧtɕtsɢ̂lʑdʑʃɘʘlsᴵ fɲʷ. ʂ tsɢ̂ʜʘʞȷ ȷ ɢ̂ts fɲʧtɕtsfɲɋdʑʃ, ʧtsʮȷ dʒlʑ lʑ dʑȷ ɢ̂ts ɘ tɕdʑʕʘɸ ʮlʑʞ tsʔ ʟtsdʑsɋʕ, tsdʑʕtɕʘʔdʑ ɋʟlʑdʒɋdʑfɲʷ ɋ, fɲdʒlʑlsɋɘʰ ɋfɲ, ʧtsfɲʧȷ ʰ ɋdʑtslsdʑ fɲsɋ ȷ ɢ̂ts dʑʘɘȷ ʰ ʘdʑʕlʑ.

ȷ ɭ ʕfɲʧȷ tɕɋdʒȷ dʑsȷ ɹ ȷ tɕdʑɢ̂ȷ ʔdʒʘʌ tɕȷ ʔʜʘtsʰ ȷ ʤsdʒɋdʑfɲdʑ ʜlʑʁ ɦ ɋʔ ʬ ʘʕls: ʮ ʤsɘȷ ʕ fɲsɘȷ tɕʰ ʘȷ ls ʧtsfɲslʑʧtsʕ ʧts ʧtɕɋʮɋdʑ, ȷ dʒlʑ fɲʘdʒsdʒlʑ dʑ ɋʟɘȷ fɲsdʑsʔ, ʘɘʧtsfɲdʑ ʜfɲsɘɋɋ ʧtɕʃɘtsʜɋls ʧtɕʘʜtsʧtsʜtsʙdʑ ȷ tsʙʲ ʷfɲdʑ dʑʃʷ fɲɘtsɋdʒdʑ fɲstsʙtɕʘʟdʑ dʒʜȷ ʔfɲsɘɋʷdʒ ʧtɕɋ ɭ lstsdʒtsdʑfɲsɘȷ tɕʰ ȷ dʑʤs ɋfɲ̵ʕtɕȷ dʑ dʑ çɩ ȷ lsʘʕ dʑɋ ɘȷ ʜlʑls fɲȷ ʙʷ dʑ ʜɋ ɘ tsʙʳ ʮʤsdʒfɲsfɲstsʷdʑʃɋ,ð fɲʧtɕʘʰ ɋɘʘȷ ls ʌ tɕȷ ʔʜ,ð dʑʘɸtsʜʷls ʧtɕʃʮɋdʑ fɲɘtsɋdʒʧtsfɲslʑʧʕʘdʒʔ ʌtslsʷ ʜʘʤs ʟʘdʒȷ ʮ ʤs, ʮlsts tsʙʲ ʷfɲdʑ dʑʃʷ, ʕtslststɕʳ ȷ dʑ ʜɋ ʧʳ lsʘʳ lsfɲʷ ʧtɕʃɘtsʜɋlsᴵ , dʑ ɘfɲ ɢ̂ʜʘ ʟʘfɲdʑʞ ɋɘʘʳ ls ɼ tsɘȷ tɕʃʷè. ʕ lsts dʑʘʙdʑ ʜȷ dʑʃȷ ʌ tɕȷ ʔʜʘfɲsʘʤs ʕtɕʘȷ lʑɢ̂tsdʑ dʑ dʒʕʘdʒdʑ dʒȷ ɢ̂ts lsȷ tstɕɋɋ ʮ ʤsɘȷ ʮ fɲ̵ʕtsɢ̂ts ʧtsɘȷ ʜȷ dʑʃʷ.

ʕ ʬʬȷ ʕls ʧtsfɲsfɲsdʒdʑʘdʒʙlʑdʑɕʃʮ fɲ̵ʕtsɢ̂ts ɘdʑʰ ȷ dʑʃʷ ɹ ȷ tɕdʑɢ̂ȷ ʔdʒʧtɕȷ ʜfɲsʘɋdʑɘ ɘɋʜȷ fɲdʑ ʜlʑʁ ɦ ȷ ʔ fɲɸȷ dʒʳ :
1) ɋdʑfɲstɕdʑʕʮɋʷ ð ʌ ȷ dʑ , ʕtslststɕdʑʁ ɋfɲʧʳ lslʑȷ dʒʳ ʔ ʧtsdʑʮʘȷ ls ɘ lʑfɲdʑsɘɋʷɸ ɢ̂ɋʧʤs-fɲsdʒdʑʘdʒʙlʑdʑɕʃʮ fɲ̵ʕtsɢ̂ts fɲsfɲstsʷdʑʃʷ ȷ ɢ̂ts fɲsʟdʑʘdʑʃʷ; 2) lsʘʞȷ fɲʘdʒʘʷ

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389 ʃ ɑʃ⊓⊙ɑʃɑzz¸ tsʔʷʲ ls

ɑʃɑʑɲstɑzʕɥɑʃʷ ð ɥjɹɑz , ʕtslststɑzᵍ ɑʃfɲʃʳ lslzjɹɑʒʳ ʔ ə tʃtsfɲʃsfɲtsɑʒɑ⊙ɑʒʁlz. ɑzɑʃɥjɹ fɲʃtsɑʒ fɲtsʟɑʑ⊙ɑzɑʃɑ tɑjɹ⊙ɑzɑʃʟlzjɹ ls ɑjɸ tsfɲtsʟɑʑ⊙ə⊙ʷ; 3) tʃtɑtslsɑʃətstɑjɸ ɥɑʃətsfɲʃsᵘ jɹɠts tʃtsfɲʃsfɲtsɑʒɑ⊙ɑʒʁlzɑzɑʃɥjɹ fɲʃtsɠts fɲtsʟɑʑ⊙ɑzɑʃʷ, ɥʃstsəʳ tɑ⊙ɬ⊙ɹ⊙jɹlsfɲʸ ə tɑ⊙ɥɑʃtsɑzɑ⊙ɑzɑʃʟ⊙ɥɑʃɑʃ* ɑʃɑʒɑjɸ fɲʃstsɑz lzɬ lzɑʒjɹ fɲʃsɑzɑsɠts ə ʜ⊙ɑzɑzɑsɑʒ fɲɑjɑzɹɥ⊙jɹ tʃtsfɲʃslztʃʕ⊙

ɻ tsɬ⊙ɑjɑzʔ, ɑʃɑʒjɹ ɑzɑzɑs tʃtsfɲɑjɸʜɑjɸjɹ, lstɑjɹlsᵘ jɹ tsʙfɲʃstsʷlsjɹɑz fɲʃsəts ɑʃəʳ ʟə⊙ɑzɑs tsfɲtsʙtsjɹ lzʜɑʃəɑjɸɑzɑʃjɹ ʌ tɑjɹʔʜ⊙

ɪ ɑz⊙ɠtsʜ⊙ɑɛʷ ɻ lstsɑʃzɹ ɑʃʟlzɑʃʒɑjɸɑzɑʃᵍ tsɑzɑfɲzɑʃʒjɹɑzə ʜ⊙ɑjɑz ɑjɸʔʰ jɹɑʒtsʙɑz⊙ɑzɑɬɬ ɑʃɥjɹtsè

ʙjɹ fɲɲtsʟɑz⊙sjɹɑz ɑzɑsɠts, ɥʃstsɹlzfʕtsɑzɹʟɑjɑzɑzɑs tslsɀ⊙ɑʕts, ɪ jɹtɑɑzɑʃʔɑʒ⊙ɑʃʜtɑzɠɑʃ⊓ɠɑʃtʃɑzsɑzsɠtsə jɹɠts ətɑjɹɑʒjɹɑzɑʃ.

ʃ ɑzsɠts tʃtsʟɬjɹ jɹ tsɑzɹtstʃɑʃfɲ⊙jɑzᵘ lsts əʃjɹ ɥ⊙sɑjɸɑzɑʃjɹ: ç.ɪ tʃjɹtɑəʳ jɹ ʙjɹ fɲɲtsʟɑz⊙sjɹɑz ɑzɑ jɹ ɠɑʃtʃɑzslsɑʃɥjɹ fʕɑʃjɹ ʷəɑjɸɑzɑʃʷ fɲʃ⊙jɑzɑʃ ɥjɹɑʒ-lsts tɑjɹ⊙jɑz ɑzɑ ɑʒ, tsfɲʸʟ⊙ɑʒʳ ɑʒ ʜtsfɲʃslztʃɑzɑ ɑʒtstʃʳ lsɑzsʔ tʃtɑtsəjɹtɑʕjɹ. ʃ tʃʳ lsʳ fɲ

fɲtsɑʒɑz⊙ɑʒʁlzɑzɑʃʟɑʒtsɑʒ ɑʃətsfɲtsʙjɹɑzɑzsfɲʃsɑʃfɲɲtsɑʒɑz⊙ɑʒʁlzɑzɑʃɥjɹ fʕɑʃɑʒəɑjɸʰ jɹɑzɑʃjɹɑʒ ɑzɑ⊙ɠɑzʷʜɑzsɑʒtsʔ⊙ʟ⊙ɑzɑʃ

fɲjɸʰ jɹ fɲʃsəts⊙ɑzɑʃjɹ ʙjɹ fɲɲtsʟɑz⊙sjɹɑz ɑzɑsɠts tʃfɲɑ⊓ɑʃɥjɹ fʕɑʃtsɠts ɑʃ fɲɲtsfɲtsʙ jɹɠts ʷlzɑʕɥɑʃtsɑzɑʃtɑtsə⊙ɑzɑʃʷè (Freud, 1968, s. 267). ʀ ʟ ɻ lstsɠts tʃtsɑzᵂlsɑʃʷ ʜɑʃɑzɑ⊙ɑʒɑʃɥjɹ fʕɑʃtsɠts ʙjɹ fɲɲtsʟɑz⊙sjɹɑz ɑzɑsɠts ʌ tɑjɹʔʜ əʳ əjɹɑzɑʃʟəjɹ fɲʃsɑzɹ jɹ lsjɹtʃjɹtɑᵘ fɲɑjɸʜfɲʃsəɑʃʷ ð əɑjɸɥjɹɑzɑʃʷ, əʳ lsjɹfɲɑjɸɑzɑʃʷ, ɑʃɑtɑᶜ fɲtsʃtɑtslsɑʃəɑjɸɑzɑʃʷ ɑʃtʃtɑ. ʃ lsfɲʃ ʜ⊙ᵂtɑjɹʔʜtsəfʕtsjɹ tʃtɑʃʟɑz⊙ɑzɑʃjɹ çʜtsɑzᵂ⊙tʃjɹtɑjɹʜ ɠɑʃtʃɑzsʟtsɑʒè: çɪ ɑz⊙ɥjɹɑzɑʃjɹ ɠɑʃtʃɑzsʟ⊙ə tɑ⊙ʟəɑʃlsɑʃɑ tʃfɲɑ⊓tsɑ⊙ɑzɑ⊙ɑʃʟ⊙ɑjɸətsʟɑʒtsɬ ɑzɑ tʃjɹtɑjɹtsɥjɹɑzɑʃlsᵘ . ʁ lsjɹtstɑjɹlsɑʃɥjɹfʕtsʔ ɑʃ tʃtɑ⊙ʕlsɑʃɥjɹfʕtsʔ lstsɥjɹʕ ʟtɑjɹɑzɑʃʷ tʃfɲɑ⊓tsɑ⊙ɑzɑ⊙ɑʃʟ tsʃɑʃtɑ⊙ɠlsfɲʸ ɑz⊙ɑzɑfɲɑjɸʜɑʃjɹ ɠɑʃtʃɑzslsɑʃʟɑʒ⊙è (ibid, s. 407).

ʃ tʃʳ lsʳ fɲtʃtsfɲʃsfɲtsɑʒɑ⊙ɑʒʁlzɑzɑʃɥjɹ fʕɑʃɑʒəɑzzʰ jɹɑzɑʃjɹɑʒtʃtsʕ⊙ɬ⊙ɑzɑʃ, ɥʃstsɥjɹəfʕtsɑjɹɑʒjɹɑzɑʃʷ ɑʒtsɠɑzlsɑz⊙ʃtɑ⊙əɑzʷlsᵘ tʃtsəjɹʜjɹɑzɑʃjɹ fʕɑzʙʲ jɹʕlsO⊙ʜ⊙ɬjɹ lstsɠʜ⊙ʕtsɠʜ⊙tsɑzɑʃ ɑjɸ tsfɲtsʟɑz⊙ᵍ lsfɲʸ ɑʃɑʒ ɻ ⊙ʃtɑʃɑʃjɹtɑ, jɹfɲɑzɑʃəɑzzʰ ɑʃlsᵘ ɑʃfɲʃʳ lslzjɹɑʒtsɑʒz, ɥʃstsʙʳ tsɑzɹəʳ ʔʜʷ ɑʃʟ ɠɑʃtʃɑzsfɲtsɑʒɑ⊙ɑʒʁlz-ɑzɑʃʟɑʒ⊙, əʳ tʃtsɑzɑzɑʃɑzʕ⊙ʕtsjɹ-ɑzɑʃʙtsʜjɹʔfɲʃsəɑʃjɹ, tsɑzjɹɠtsʙʷʟ⊙sjɹɑz ɑzɑstsfɲʃzʰ jɹfɲʃsəɑʃls. ʃ ʜɑz⊙ʕtsʙʲ ʷfɲɑzɑʃlsᵘ fɲɬtsjɹ tʃtsʜɑzɑʃɑzɑsjɹ tʃtsʙlzʞjɹ ʜjɹɑzɑʃjɹ ʕɻ lstsɑʃzɹ ʜjɹʔfɲʃsəɑʃᵍ ɑjɸ fɲɑʒtsʞjɹjɹls. ʊjɹɑʒɑjɸ ɑʒjɸjɹ ʙlzʜjɹls tʃtɑɑʃʜlzɑʒʳ əɑ⊙ɬsᵘ əɑjɸʰ ɑjɸ ɑzsɠɑʃɥɑʃɑzʔ ɑʒtslsɑʃə.

ɻ tsʜtsʙɑzɹ jɹ ʷjɹɑzsɑʒjɹɑzɹ tʃtsʜɠtslstsəɑʃɑzɑʃ tʃtɑjɹʜfɲʃ⊙əɑjɸɑzɑʃjɹ ts lstsɑʃzɹ ɥjɹstsɥjɹɑzɑʃ tʃtsʜɑzɑʃɑzɑsjɹ tʃtsʙlzʞjɹ ʜjɹɑzɑʃjɹ ʕ ɻ lstsɑʃzɹ ʜjɹʔfɲʃsəɑʃᵍ ɑjɸ fɲɑʒtsʞjɹjɹls. ʊjɹɑʒɑjɸ ɑʒjɸjɹ ʙlzʜjɹls tʃtɑɑʃʜlzɑʒʳ əɑ⊙ɬsᵘ əɑjɸʰ ɑjɸ ɑzsɠɑʃɥɑʃɑzʔ ɑʒtslsɑʃəʳ ʕtslstsɠʳ ⊓tsfɲʃ⊙ʸ lsfɲʸ ə lsjɹɑzɑʃ.

ɹ ɉ fɲʄʈsʟdʑʘlsɉ dʑ dʑʘʷ ʧʘdʒʷlsᴵ

ʆ fɲlʑʱ ɉ fɲlʄsɘdʑɉ dʑɖʃɉ ʧtsfɲlʄsfɲʄsdʒdʑʘdʒʙ lʑdʑɖʃʮɉ fɲʂtsɢts ɘdʑlʑʰ ɉ dʑɖʃʷ ʧtɕtsɖʃfɲʄtsʜɖʃls ʧtɕɖʃ ʧtsfɲʈɕɉ ʜfɲlʄsɘɉ, ʕʘʡ ɉ ɉ dʑʘʟɘʘdʑ

ʐ . ʈ ɖʰ ɉ, ʙɉ fɲʄʈsʟdʑʘlsɉ dʑ dʑtsʡ ʧʘdʒʷlsɖʃ. ɼ ʡ dʒʳ tsʙʷʟʘdʑ lsɉ dʒ ʮlsts ʜɉ ʡ fɲlʄsɘɖʃɉ, ɘdʑlʑʰ ɉ dʑdʑtsɉ ɘ ɢɖʧdʑsʟɉ,

ɘʳ ʧtsdʑdʑʷɉ lsfɲʷ ɘ dʑ ʙtsʡ dʑʘʟdʑʘʮɉ dʑdʑ ʡ dʒtsdʒɉ dʑls. ʕ lsɖʃ tsʧʳ lsʳ tɕɉ dʑ ɉ ʬ dʑts ʧtɕtsɖʃdʑdʑ fɲlʄstɕɖʃtɕtsɘʘdʑɖʃ

tsfɲʄdʑtsɘdʑlʑʶ ʮɉ tɕslʑ ɘdʑlʑʰ ɉ dʑɖʃʷ ð ʘlstsdʒʘlsɖʃʟdʒɖʃ fɲlʑʱ ɉ fɲlʄsɘtsɘʘdʑɖʃɉ ʙɉ fɲʄʈsʟdʑʘlsɉ dʑ dʑtsʡ ʮʘfɲlʄsɖʃ ʧfɲʄɖʃ-ɖʃʕɖʃ:

dʒtsʱ dʑ - ɖʃ fɲʂtɕʳ lsʳ - tsls fɲʄsʟdʑʘdʑɖʃʷ ʧfɲʄɖʃ-ɖʃʮɉ fɲʂɖʃ- ʧtɕtsʮɉ fɲʄʈsɘ.

ɹ ɉ fɲʄʈsʟdʑʘlsɉ dʑ dʑʘʷ ʧʘdʒʷlsᴵ ʜɉ ʡ fɲlʄsɘlʑɉ ls ɖʃ ɘ tsʙʳ ʮdʑtsdʒ fɲʄsfɲlʄstsʷdʑɖʃɖʃ. ɟ tɕɖʃtsʙtɕɉ lsɉ dʑdʑ ɉ fɲʙɉ ʜɉ dʑɖʃʷ

(fɲʄsʙʳ lsɖʃʷ, tsʙtɕʘʟʳ, ɖʃʜɉ ɖʃ) fɲlʑʱ ɉ fɲlʄsɘlʑʶ ls ɘ dʑʘʰ ɉ dʒdʒtsʟɢlʑ, ɖʃ dʒʳ dʑɉ ɖʃdʒɉ ɉ dʒts dʑɖʃ- dʑɖʃʕʘʡtsɢts

ʧtɕɉ ʜfɲlʄsʘɘdʑɉ dʑɖʃʷ. ʊʘʡ dʒtsʞ ɉ ls ʧtɕtsʜtsdʑʞ ʘlsᴵ fɲʄʷ ɘ lsɉ ʮɉ dʑɖʃɉ dʒɉ fɲʄʷʮɉ ɘ, dʑɉ ls, ɖʃdʑtsɢʜʘʙtsdʑ ʰ ɖʃ- ʧɉ tɕɖʃtsʜtsɘ

ʞ ɖʃʟdʑɖʃ. ʊ fɲʄdʑ ʰ ʘdʑdʑtsɉ tsʜdʑʘʞ ʜʳ ɖʃdʒʷ ʮɉ dʑtsɘɉ ʕʘ ʕtslststɕtsɢts ʟdʑʘdʑɖʃ ɘ ʜɉ lsfɲlʄsɘɉ, ʜʘʞ ɉ ʧtsfɲʄdʑɉ fɲʄstɕtsʕʘdʑɉ ls

dʒtsʞ ɉ ls ʧtɕtsʙlʑʜɖʃlsᴵ ʮɉ ʧᴵ ʘfɲʄʈsʮɖʃʘʮɖʃʡ ɖʃdʑɖʃ tɕʷʜ fɲʄsʙʳ lsɖʃʡ, tsʙtɕʘʟtsɘ, ɖʃʜɉ ʡ, ʕtslststɕʳ ɉ ʜtɕɉ dʒʘdʑɖʃ ɘ dʑʘʰ ɉ ʡ

ʧʘdʒʷlsɖʃ ɖʃ ʕtslststɕʳ ɉ fɲlsɉ - ʧtstɕɘ dʑɉ ʡ dʑɉ ɘtsʟdʑɖʃʕʘdʑɖʃ ɖʃ, ʙʳ lsᴵ dʒtsʞ ɉ ls, dʑɖʃʕtsɢʜʘdʑɉ ɘtsʟtɕtsʜɖʃdʑɖʃfɲʄᴵ ʙʳ, dʑɉ

lʑfɲʄdʑ ʰ ɹ dʒʳ ɿ lsts ɖʃdʒʷ. çɹ fɲɉ ʧtsfɲʄdʑɉ ʜlʑʶ ʱ ɉ ɉ,ð ɢtsɘtstɕɖʃls ɹ . ɻ . ɹ ɉ dʑɖʃdʑfɲʂɖʃʡ,ð ɉ fɲlʄsᴵ tɕɉ ʟlʑdʑ lsʘls

ʧtɕɉ ʜʳ ʜlʑʱ ɉ ɢts; tɕʘʟlʑdʒdʑʘʷ dʒʳ fɲʄdʑ ɉ fɲlʄsᴵ ʮɖʃfɲlʄsts lstsdʑ ʕts fɲʄsʟdʑʘdʑdʑtsɉ ʧtɕɉ ʜʘdʑɖʃɉ lsɉ dʒdʑtsʡ fɲlʄsʘtɕɖʃdʑ, ʘ

ʟdʑʘdʑɖʃɉ ʮʘfɲlʄsts ɉ fɲlʄsᴵ lʑʷfɲʄdʑɉ dʑɖʃɉ lstsdʑ ʕts ʧtɕɉ ʜʮlʑɘfɲlʄsɘɖʃʷè (ɹ ɉ dʑɖʃdʑfɲʂɖʃʡ, 1941).

ɹ fɲɉ fɲʙɉ ʜɉ dʑɖʃʷ, ɘfɲɉ ʧtɕɖʃtsʙtɕɉ lsɉ dʑɖʃʷ ʧʘdʒʷlsɖʃ, ʜtɕɉ dʒdʑ ʱ ɖʃɉ ɘ dʑʘʰ ɉ dʒdʒtsʟɢlʑ, dʒtsɢlʑls ɘ ʕʘʡtsʡ-dʑɖʃʙlʑʜᴵ

dʒtsdʒɉ dʑls ɘdʑtsɘᴵ fɲʄʧtsdʑlsʘdʑdʑts ɘtsʟtɕtsʜɖʃlsᴵ fɲʄʷ. ʆ ʜdʑʘʡts dʒɉ ʞ ʜlʑ tsʙʳ ʮdʑtsʡ ʙɉ fɲʄʈsʟdʑʘlsɉ dʑ dʑtsʡ ʧʘdʒʷlsᴵ ʶ ɖʃ

ʙɉ fɲʄʈsʟdʑʘlsɉ dʑ dʑtsʡ ʧʘdʒʷlsᴵ ʶ ʟʘɢɖʧdʑtslsɖʃʟɖʃtɕtsɘʘdʑdʑ - fɲlʑʱ ɉ fɲlʄsɘlʑɉ ls tɕʘʟdʑɖʃʮɖʃɉ. ɼ fɲʄdʑɖʃ ɘdʑlʑʰ ɖʃlsᴵ ɘ

ɢɖʧdʑtsfɲʄsdʒdʑʘdʒʙlʑdʑɖʃʟdʒɉ, ʮlsts ʮɉ tɕɉ ʟ 10 ʜdʑɉ ʡ ɘ 5 ʮʘfɲʄsɘ fɲlʑʙʲ ɉ ʕls tɕʘfɲʂtɕtsɉ ls ʧtsɘʘtɕɉ dʑdʑlʑʶ ʕdʑɖʃɢlʑ dʑʘ25-

ʡ fɲlʄstɕʘdʑɖʃʮɉ, lsts ɿ lsʘdʒtsɢlʑʱ ɉ fɲlʄsɘɉ dʑdʑʘʷ ɖʃʜɉ ʷ ɘ dʑʘʟdʑʘʮɉ dʑdʑ ʡ ʮʘfɲʟʘfɲlʄsʘɘɖʃls ɉ ɢts ɘʳ ʧtsdʑdʑɖʃlsᴵ

ɘdʑlʑʰ ɉ dʑɖʃɉ. ʆ ʜdʑʘʡts ɿ lsʘɖʃʜɉ ʷ dʑɉ dʒtsʞ ɉ ls ʧtɕɖʃʡlsɖʃ tɕʘdʑ ʰ ɉ ɘdʑlʑʰ ɉ dʑdʑtsɢts fɲʄtɕtsʕʘ -tslsʷ ʙʳ tsdʑʟdʑʘdʑ, ʮlsts

ɉ dʒlʑ fɲʜɉ dʑʘdʑts ɘdʑlʑʰ ɉ dʑɖʃɉ, ts ʮɉ dʒɉ ɢts ʟʘtɕʘdʑɉ ɉ ʧtɕɉ ʜlʑʧtɕɉ ʜɖʃdʑɖʃ. ɟ ɉ tɕɉ ʜ dʑɖʃdʒdʒtsʞ dʑts ʧtsdʑtsʞ ɖʃlsᴵ ʕdʑɖʃɢlʑ,

tɕʘfɲʂtɕʳ lslʑʶ dʑʘ25-ʡ fɲlʄstɕʘdʑɖʃʮɉ, ʘɖʃʜɉ ʷ tsfɲlʄsʘdʑɉ lsfɲʄʷ fɲʂtɕʳ lstsʡ ɖʃ dʑɉ tsʙdʑʘtɕdʑʞ ɖʃlsfɲʄʷ ɼ ts ɘdʑlʑʰ ɉ dʑdʑtsɢts

fɲʄtɕtsʕʘ ɿ ts ɘ fɲʄtɕtsʕ tsdʑʘɘdʑɉ ʟʘʧdʑts ɘtsʟdʑɖʃʕdʑɉ ls ɘ ʊ dʒɉ ɖʃ ʬ ʘlsʘdʑ dʑts ʧtsʙlʑʜɖʃls ʜɉ ʡ fɲlʄsɘtsɘʘlsᴵ. ʊʘʡɖʃdʒ

tsʙtɕʘʟtsdʒ fɲlʑʱ ɉ -

fnʝsɘʝ ʤ ʦʝ ʦlsʤʗʮꝗʝ ʧʦfnʝsfnʦʤʒʤʘʤʒʙlzʤʗʮʮ fnʩʦɢʦ ɘʤʑʰ ʝ ʤʗʷ ʟʘʕ ʤ ʮʘʝ lsfnʷ ɘ lsʦʤʒ ʮlsʦ ɘʤʑʰ ʝ ʤʗʝ ʦfnʑʰ ʝ fnʝsɘʤʷʝ lsfnʷ lsʦʤ ʕʦ ɘ ʤʘʟʤʘʮʝ ʤʤ ʡ ʮʘfnꝗ ʤʝ ʤʒʦʞʝ ls ʦfnʑʰ ʝ fnʝsɘꝗlsᴵ fnʷ ɘ ʜʦʤʑɢʦʡ, ʜʘʞʝ ʝ fnʤʗ ʧʦʷɘʷlsfnʷ ʘfnʝʦʮꝗʘʮꝗꝗ, ʕʦlsʦʦʤʳ ʝ ʤʘʧʦʤʒʤʷls ʦʙ lsʦʤʒ

ɟ ʁ fnʤʝ lsʦɢʦ ʕʘʕ ʤʒ fnʬ ʦʦʤʒʑʤʗʦʦɘʘʤʗ ʮʝ ʤlsʦʘʤ ʤʑʁ ʕʦʤʮʝ ʧʰ ꝗʁ ʧʦfnʝsfnʦʤʒʤʘʤʒʙlzʤʗʮʮ fnʩʦɢʦ ɘʤʑʰ ʝ ʤʗʷ, ʤʒʦʞ ʤʦ ʧʝ ʦʝ ʡlsꝗ ʕ ʦʧʰ fnʘʤʗʁ ʦʧʳ lsʦɘ. ɺ 1820 ɢʦʜlz ɢʝ ʤʝ ʦʘʤʑ ʅ lzʘʟʝ ɘʤʑʰ ꝗʤʑʧʦʤʑfnɟ fnʩʦʤʒʤʑ ʜʦʘɢlzʤfnʩʦʤʒʑ ʦʬ ꝗʮʝ ʦʤʑ, ʤʘ꞊ʦʜʷʰ ʝ ʤʒʑfnʷ ɘ fnʦfnʝsʦʷʤʗꝗ ɢꝗʧʤʦfnʦʤʒʤʘʤʒʙlzʤʗʟʤʒʘ ʮlsʦʙʳ ʦʤ ʧʦꝗʰ ʝ ʤʑʕ ʤʝ ʤʒʑ ɘ ʤʘʟʤʘʮʝ ʤʤ ʡ ʜʝ ʤ ꝗ ʮʘfnʝ ʂ ʦɢʜʘlsʦls ʷɘꝗʤʑfnʷ, ɢʝ ʤʝ ʦʘʤʑfnʧʦʦfnꝗʤ ç ɟ ʦʮʝ ʤʒʑ ɘʳ ʧʦꝗʰ ʤʗ, ʤʒʳ ɘʝ ʜᴵ ʤʝ ʜʦɢʦɘʘʦꝗɘʘʤʗfnɟ ?è ð çꞇ ʤʝ ʟʤʘʳ ʧʦʮʝ ʤʒʑ,, ʧʦʦfnʝsʦ ʧʦʮlzɘfnʝsɘʦɘʘʤ, ʕʘʕ fnʤʦɘʤʦ ʮlsʦ-lsʦ lsʦʤʕʘʝ ls ɘ fnʧꝗʤʑ ɘ ʤʘʧʦʘɘʤʝ ʤʗꝗ ɘʘʰ ʝ ɢʦ ʜʦʤʒʘè. ɺ ʤʦɘᴵ ʟʘɢꝗʧʤʦlsꝗʟꝗʦʦɘʘʤʗʤ ʡ, ʦʬ ꝗʮʝ ʦ fnʤʦɘʘʷɘꝗʤʑfnʷ. ʅ ʘfnʝ ʡ ʦʘʟ ʤʒlsꝗɘꝗʦʦɘʕʘʙʳ ʤʘlsʘʕʘʷ: çꞇ ʷɘꝗʤʑfnʷ lsʦʤ ʕʦ ʧʦlsʦʤʒʑ, ʮlsʦ ʦʙʝ ʰ ʘʤè.

ʏ '.lsʦ ʟʘʤʝ ʮʘlsʝ ʤ ʤʦɢʦ ɘ ʧʦfnʝsfnʦʤʒʤʘʤʒʙlzʤʗʮʮ fnʩꝗ꞊ ʦʧʳ lsʘ꞊, lsʘʕ lsɢʦ fnʩʦʳ lsʦʝ fnʦʟʤʘʤʗʝ, ʕʦlsʦʦʦʝ fnʦ꞊ʦʘʤʷʝ ls ɘʦfnʧʦʤʒꝗʤʘʤʗʝ ʦ ɘʤʑʜʧʝ ʤʗꝗ ɘ lsʝ ʮʝ ʤʗʝ ɘʝ fnɟ ʤʒʘʜʦʤɢʦɢʦ ɘʦʝ ʤʒʝ ʤʗ, ʧʦꝗʮʝ ʤʒ ꝗfnʧʳ lslzʝ ʤʒʳ ʡ ʤʝ ʦfnʦʟʤʘʝ ls, ʮlsʦ ꝗʤʬ ʦʦʤʒꝗʦʦɘʘʤʦ ʝ ɢʦ fnʑʰ ʝ fnʝsɘʦɘʘʤʗꝗ. ʉ ʤʝ ʜlzʁ ʰ ꝗʝ ʧʦꝗʤʒʝ ʦʳ ʜʦfnʝsʘlsʦʮʤʦ ʤʘɢʤʷʜʤʦ ʦʙ ʦꝗfnʑʁ ls ʦʦʤ ʰ ʝ ʦfnʦʟʤʘɘʘʝ ʤʒʳ ꞊ ʧfnꝗ꞊ꝗʮʝ fnʩꝗ꞊ ʧʦʦʮʝ fnfnʦɘ ɘ ʧʦfnʝsfnʦʤʒʤʘʤʒʙlzʤʗʮʮ fnʩꝗ꞊ ʦʧʳ lsʘ꞊.

ʆ ʜʤʘʞ ʜʳ ʕ ʘlsʦʦʤʑ lsꝗ꞊ fnʝsʦʦʕ ɘ ɢʦfnʝsꝗ ʧʦꝗʰ ʤʗ ʧʦʕʤʦʤʤʗʕꝗ. ɼ fnʝsʝ fnʝsɘʝ ʤʤʦ, ʦʘʟɢʦɘʦʦɘʦʘʰ ʘʤfnʷ ɘʦʕʦʤɢ ɢꝗʧʤʦfnʦʤʒʤʘʤʒʙlz-ʤʗʟʤʒfnʘ. ʆ ʜʤʘꝗʟ ɢʦfnʝsʝ ʡ, fnʦʤʗʜʤʘʷ ʜʘʤʒʘ ʧʦʝ ʜʤʦʞ ꝗʤʘfnʝ ʙʷ ɘ ʕʘʮʝ fnʝsʰ ʝ ꝗfnʧʳ lslzʝ ʤʒʦʡ. çɺ ʤʑʰ ꝗlsʝ ʮlsʦ-lsʦ ʦʦꝗɢꝗʤʘʤ ʤʦʝ è,ð ʧʦʧʦʁ fnꝗʤʘʦʤʘ ɿ ʘɢꝗʧʤʦlsꝗʟꝗʦʦɘʘ ʝ ʝ, ʷ ɘʤʑʰ ꝗʤ, ʮlsʦ ʕʦɢʜʘʦʤʘɘʳ ʡʜ,ʝ ls ꝗʟ ɢꝗʧʤʦfnʦʤʒʤʘʤʒʙlzʤʗʟʤʒʘ lsʦ ʧʦʮlzɘfnʝsɘlzʝ ls ʦfnʝsʦʦʝ ʞʝ ʤʘʤʗʝ fnʤʷlsᴵ ʦʙlzɘᴵ ꝗ ʧʦfnʝsʘɘꝗlsᴵ ʝ ʝ ɘ ʮʝ ʤlsʦ ʦʙʝ ʜʝ ʤʤʦɢʦ fnʝsʦʤʘ, ʟʘlsʝ ʤʒʦlsʕʦʦʝ ls ʟʦʤlsꝗʕ, ʤʘ꞊ʦʜʷʰ ꝗʡfnʷ ɘ ʰ ʕʘʬ lz, ꝗ fnʷʜʝ ls ʟʘfnʝsʦʤ. ʆ lsʕʦ>ʳ ɘʰ ʘʷ ɢʤʘʟʘɢʦfnʝsᴵ ʷ ʧʦʦꝗʟɘʦʜꝗʤʘɘʧʝ ʮʘlsʤʝ ʤʗʝ ʮʝ ʤʦɘʝ ʕʘ, ʕʦlsʦʦʤʳ ʡ lsʰ ꝗlsfnʷ ʮlsʦ-lsʦ ɘfnʧʦʤʒʤʗlsᴵ. ɟ ʦfnʝsʝ ʧʝ ʤʤʦ ʤʘʝ ʝ ʤʗʮʝ ʦlsʦʘʟꝗʤʘfnɟ ɘʤʑlsʦʝ ʤʤʷʷ ʙʦʦᴵ ʙʘ, ʮʝ ʤʒ-lsʦ ʦʤʘʙʳ ʤʘɘʝ fnɟ ʤʒʘʦʟʘʜʘʮʝ ʤʘ. ʅ ʦ ɘʦlsʝ ʰ ʝ ʦʜʤʦ ʤʒɢʤʦɘʝ ʤʗʝ ʦʘfnʝsʝ ʦʷʤʤʦfnʝsꝗ, ꝗ ʦʤʘ ʦʝ ʰ ꝗlsʝ ʤ ʤʦ lsʷʤʝ lsfnʷ ʕ lszʬ ʤʷʤʒ fnʤʗꝗʤʒʘʝ ls ꝗ꞊ ꝗ ʜʝ ʤʦɘꝗlsʦ ɘlsꝗfnʩꝗɘʘʝ ls ʤʝ ʞ ʜlz lsʘʦʝ ʤʕʘʤʒꝗ fnʝ ʜʦʡ.

ʆ ʙɘʝ ʜʷ ɘʟɢʤʷʜʦʤʒ fnꝗʜʷʰ ꝗ꞊ ʟʘfnʝsʦʤʦʤʒ (ʉ ʤʦɘʤʦ ꝗʰ ʘʧʦʜʜʝ ʦʞ ʕꝗ, ʦʤʘɘfnʝsʘʤʘ lzʕʦʘʜʕʦʡ ʜʦfnʝsʘʤʘ ꝗʟ ʰ ʕʘʬ ʘʟʦʤʤs, ʦʘfnʩʦʳ ʤʘʝ ɢʦ ꝗ fnʝlzʤʳ ʙʕʦʡ fnʝ ʤʘʟʘfnʝsʦʤ. ɼ ʝ fnʤʝ ꞊ ɢʦɘʦʦꝗʤʦ lsʦʤʒ ʮlsʦ ʦʜʤʘʮʘfnʝsᴵ ʝ ʝ ʤʗʮʤʦfnʝsꝗ ʤʘʙʤʁ ʜʘʝ ls ʟʘʜʦʊ "

ȿ ʘɫ lstsdz ʕts tsdʑʘtslsʕtɐ dʑʘɢdʑʘʟʘ, ɹ ȷ tɐdʑɢȷ ʡʤ fnʧtɐtsfnɡʃdz. çȿ ʘɫ ɘʳ fnȷ ʙʷ ʮlzɘfnjsɘlzȷ lsȷ ? è ð çʌtstɐtsʰ ts.
ꞁ ts ꞁ lstsʡ dʑtsʮ ʁ lz dʒȷ dʑʷ ʙʳ dztʃtsdʑtsfn ʷ ɘfnjsʘɘʘdʑʘʮȷ lsʳ tɐȷ tɐʘʟʘ, ʜʘʞ ȷ lztʃʘdʑʘꞇ lzʰ ꞇʙdʑʘfnȷ ʙȷ dʑtsfnȷ.ð
çʕ lsts ɘʘdʒ fnɡdʑʃdʑtsfn . ɺ ȷ ʜ tɐʘdʑʰ ȷ ɘʳ dʑȷ dʑʘʙdʑ ʜʘdʑʃ ʟʘfnʧʙtsʡ dʑʃʮȷ ɢts tʃtsʜtsʙdʑtsɢts, ꞇ dʑʃʕlsts dʑȷ
ɘꞇʜȷ dʑ, ʮlstsʙʳ ɘʳ ʕlzʜʘ-lsts ꞊tsʜꞇdʑʃè. ʄ ʘtɐꞇ ɻ. lztʃtstɐdʑts dʑʘfnjsʘꞇɘʘdʑʘdʑʘfnʙtsꞇ꞊ fnɡdʑtsɘʘ꞊: ȷ ʡ dʑʃʮȷ ɢts dʑȷ
fnɡdʑʃdʑtsfn ꞇ tsdʑʘtʃtɐȷ ʕtɐʘfnɡdʑts tʃtsdʒdʑʃls, ʮlsts ɘfnjsʘɘʘdʑʘ.

ɸ dʑʘdʑtsɢꞇʮdʑ ȷ ꞁ ʕfnʧȷ tɐꞇdʒȷ dʑlsʳ fnjsʘɘꞇdzʙʘtɐtsdʑȿ tɐʘʬ ls-ʕ ʙꞇdʑɢ. ʃ dztʃtsʕʘʟʘdʑ, ʮlsts ɘdʑlzʰ ȷ dʑʃȷ dʒdʒtsʞ dʑts ɘʳ ʟɘʘlsɪ fnjslzdzfnȷlstsʮdʑtsfnjsɪ ʁ ʜts dʒꞇdʑlzlsʳ ꞇ, dʑʘtsʙtstɐtsls, tʃʘtɐʘdʑꞇʟtsɘʘlsɪ ʜȷ ʡ fnjsɘꞇȷ fnɡdʑʘʙꞇlsȷ dz dʑtsɢts.

ɟ tɐȷ ʜdʑtsʞ ꞇɘ ʀ tɐdʒȷ tʃtstɐʮꞇʁ ʕʘfnjststɐtsɘtsɢts dʒʘfnɡdʑʘ, ʜtsfnjsʘlstsʮdʑlzʁ, ʮlstsʙʳ lslzls ʞ ȷ tʃtɐtsfnɡdʑʘʙꞇdʑts, tsdʑ ɘdʑlzʰ ꞇdzȷ ʡ, ʮlsts ꞁ lsts tʃtɐtsꞇʟtsʡʜȷ ls dʑꞇʰ ɹ fnʧlzfnjsʷ 48 ʮʘfnjsɘ. ɺ fnȷ ɘ lstsʮdʑtsfnjsꞇ lsʘɫ ꞇ ɘʳ ʰ dʑts. ɺ lsʘɫtsʡ ʞ ȷ dʒȷ tɐȷ ꞁ ʬʬ ȷ ʕlsꞇɘdʑts ʜȷ ʡ fnjsɘtsɘʘdʑts ɘdʑlzʰ ȷ dʑʃȷ dʑʘɘʳ ʟtsɘ tɐɘtslsʳ ꞇ ȷ ȷ ʕlztʃꞇtɐtsɘʘdʑʃȷ (ȿ tɐʘʬ ls-ʕ ʙꞇdʑɢ, 1888).

ʀ tʃtʃtsdʑʃls ɹ ȷ tɐdʑɢȷ ʡ dʒɘdʑlzʰ ꞇdztsʜdʑtsʡ ʜʘdʒȷ, ʮlsts tʃtsfnɡdʑȷ ɘʳ ꞊tsʜʘꞇʟ ɢꞇtʃdʑtsfnʧsdʒdʑʘdʒʙlzdʑꞇʟdʒʘtsdʑʘʙlzʜȷ ls ɘꞇʜȷ lsɪ tʃtstɐlstɐȷ ls dʒlzʞ ʘɘ lsȷ ʮȷ dʑʃȷ 24 ʮʘfnjsɘ. ɺ dʑlzʰ ȷ dʑʃȷ tɐȷ ʘdʑʃʟtsɘʘdʑtsfn ɘ tʃtsdʑdʑtsʡ dʒȷ tɐȷ.

ɟ tɐꞇdʒȷ ʮʘlsȷ dz dʑts, tsʜdʑʘɫts, lsts, ʮlsts tsdʑʘtslsʜʘɘʘdʑʘfnȷ ʙȷ tslsʮȷ ls, ʮlsts tʃtstɐlstɐȷ lsʘʬ ꞇʟꞇʮȷ fnʄꞇ dʑȷ ls. ɺ fnɡdʑȷ ʜlzʁ ɦ ȷ dʒtstʃʳ lsȷ ɹ ȷ tɐdʑɢȷ ʡ dʒɘdʑlzʰ ꞇdzfnʙtsȷ dʒlz tʃʘʮꞇȷ dʑlslz, ʮlsts lstsls dʑʘʡʜȷ ls lz fnʙtsȷ ʡ ʕtɐtsɘʘlsꞇ ʜʘdʒlz, ʕtslststɐʘʷ tʃtsʜdʑȷ fnȷ ls ȷ dʒlz ʕtstɐʟꞇdʑʕlz fnʟȷ dʒdʑʷ dʑʃʕtsʡ ꞇ tʃtsdʑlzʮꞇls tsls dʑȷ ɢts ʙdʑʘɢtsʜʘtɐdʑtsfnjsɪ. ɟ tsfnɡdʑȷ ʮȷ ɢts tsdʑʙlzʜȷ ls ȷ fnjsɪ ʟȷ dʒdʑʷ dʑʃʕlz. ʉ tʃlzfnjsʷ tʃtsdʑʮʘfnʘ, tɐʘʟʙlzʞ ȷ dʑdʑ ʡ, tsdʑꞇʜȷ ls ʕ fnʙtsȷ ʡ ʕtɐtsɘʘlsꞇ, ɢtsɘtstɐʷ:
çɿ ʜtɐʘɘfnjsɘlzʡlsȷ, fnlzʜʘtɐʳ dʑʷ. ɺ ȷ fn dʒʘɘʘdʒʙdʑʘɢtsʜʘtɐȷ dʑè. ʌ ȷ dʑlzȷ ls ȷ ȷ tɐdzʕlz ꞇ, ʞ ȷ dʑʘʷ ɘʳ ʟɘʘlsɪ ʟʘɘꞇfnjsɪ, tʃtsʕʘʟʳ ɘʘȷ ls ɹ ȷ tɐdʑɢȷ ʡ dʒlz ɘʟɢdʑʷʜtsdʒdʑʘɘtstsʙtɐʘʞ ʘȷ dʒlzʁ ʕtstɐʟꞇdʑʕlz ʟȷ dʒdʑʷ dʑʃʕꞇ. ɹ ȷ tɐdʑɢȷ ʡ dʒ fnʧtɐʘ ꞇɘʘȷ ls: çɸ ɢʜȷ ʜʘdʒʘʔ è ð çʃ dʑʘlzʰ dʑʘɘtsls tʃts ꞁ lstsdʒlz ʕtstɐꞇʜtstɐdzè.

ɟ ʘʮꞇȷ dʑls ȷ fnjs ʟȷ dʒdʑʷ dʑʃʕlz, tsfnjststɐtsʞ dʑts tslstʃtɐʘɘdʑʷʷ ɘ tɐtsls ʷɢtsʜlz ʟʘʷɢtsʜtsʡ ꞇ ʙtɐȷ ʟɢdʑʃɘts tslsʙtɐʘfn ɘʘȷ ls tʃtɐꞇʕdʑȷ ꞇɘʰ ꞇȷ fnʷ ʕ tʃʘdz ʮʘdʒ fnjsȷ ʙȷ dz ʕꞇ. ɺ tɐȷ dʒʷ tslsɘtɐȷ dʒȷ dʑʃ tsdʑlsʘɫ tɐȷ ʘdz dʑts ɘʳ lsꞇtɐʘȷ ls tɐdzʕꞇ, ʮlsts lz dʑʘʙdz ʜʘ ɦ ꞇ꞊ ʟʘdʑʃdʒʜtsʕlststɐtsɘ tʃtsʷɘdʑʷȷ lsfnʷ tsfnʄtsdʒꞇdʑʘ. ɹ ȷ tɐdʑɢȷ ʡ dʒʘlsʘɫ lzdʒꞇdʑꞇdzɘꞇʜ ꞁ lstsɢts ʙtsdz dʑtsɢts, dʑʘfnɡdʑʘʞ ʜʘ ɦ ȷ ɢtsfnʷ ɘꞇlsʘdʒꞇdʑdʑtsʡ tʃtɐtsʜlzʕʮꞇȷ ʡ, ʮlsts tsdʑʜʘdʑȷ ȷ ɘdʑlzʰ ꞇdzȷ dʒlz fn ȷ fnjsɪ ʬ ꞇʕlsꞇɘdʑ ȷ ɘꞇʰ dʑʃ, tʃȷ tɐfnɡʕꞇ, ɘꞇdʑtsɢtɐʘʜ ꞇ tʃtɐ.

ʃ ȷ tstʃtsdz ʜ ȿ ʘfnʧȷ tɐ tʃtɐꞇɘtsʜꞇls ꞁ ʕfnjstɐʘtstɐʜꞇdʑʘtɐdz ʡ fnɡdʑlzʮʘʡ, tɐʘfnjsʄʘʟʘdʑdz ʡ ȷ dʒlz ʌ. ʃ. ʊ ꞇfnʧfn ȷ:
çɟ tɐtsɘtsʜʷ ꞁ ʕfnʧȷ tɐꞇdʒȷ dʑlsʳ fnʧtsfnjsfnʧsdʒdʑʘdʒʙlzdʑꞇʮȷ fnʄꞇdʒɘdʑlzʰ ȷ dʑʃȷ dʒ ʷ ʟʘʧtɐtsɢtɐʘdʒdʒꞇtɐtsɘʘdztʃʘdz ʮʳ ꞇfnʧʳ lslzȷ dʒtsɢts: "ɺ ʘ lzʕʘʟʘlsȷ dz dz ʡ tʃʘdʑȷ ʮ dʑʘtʃtɐʘɘtsʡ

[illegible]

[illegible] 24 [illegible] (Tissie, 1890, [illegible] 162).

[illegible]

rap ʧʨȷ ʜfɲʆsʘɘʥȷ ʥɕʃʷ, ʷ ʟʘʥȷ lsɖʣfɲʨȷ ʜɖ ʥȷ fɲʄtsʣ ʢɖʢ ʜȷ fɲʷlsʢtsɘ lsʘʥʯlʑʶ ʱ ɖʢ ʥʘfɲʯȷ ʥȷ ʟʥʘʢtsʥʒʑʶ ʙȷ ʥʑʶ ʢtsʬ lsʑ fŋɢtsʥʑʙʳ ʤʙʘʥtsʤʥʘɢʨʑʜɖ. ʆ , ʑʞ ʘfŋ˞ lsts ʙʳ ʥʘɘʯȷ ʨʘʱ ʥʷʷ çɟ ʑɢʘʯȷ ɘʘè.

ʅ ȷ tsfɲtsʙȷ ʥʥts ʜtsɘȷ ʨʷʷ lstsʥʒʑ, ʯlsts ʧʨɖʯɖʥtsʡ ȷȷ ʧtsʷɘʥȷ ʥɕʃʷ ʙʳ ʥts ɘʥʑʰ ȷ ʥɕʃȷ , ʷ ʧʨʷʤts ʥʘfŋʯȷ ʥȷ fɲʧʨtsfɲɖʥʑ, ʧʨȷ ʜɘʘʨɖlsȷ ʥʑ ʥts ɘʳ ɘȷ ʜʷ ȷȷ ɖʟ fɲtsʤʥʘʤʙʑʥɕɖʟʤʘ çɸ ʯlsts ɘʳ ʟʜȷ fɲ ʜȷ ʥʘȷ lsȷ ?è ð çʂ ʘʢ ʯlsts? ð ʨtsʙʢts ɘtsʟʤʒʑlsɖʥʘfɲ tsʥʘð ɺʳ ʞȷ ʤȷ ʥʷ ʟʘʧʨtsɢʨʘʤʤɖʨtsɘʘʥɕ ʥʘlsts, ʯlstsʙʳ ʷ ʧʨɖȷ ʢʘʥʘè. ð çʀ ʯlsts ʞȷ ?è ð ʧʨɖʢɖʥʑʥfɲʷ ʷ ʥȷ ʧtsʥʷlsʥɕɘʳ ʤ çɸ lsts,ð ɘfɲʄɖʧȷ ʥʘtsʥʘ,ð ʧʨtsfɲʥʑɘʰ ɖfɲ ʑlsʨtsʤ ʷ ʧtsʯʑɘfɲsɘtsɘʘʥʘʥȷ ʧʨȷ tsʜtsʥɕɖʤtsȷ ʞȷ ʥʘʥɕȷ ʑɘɖʜȷ lsɪ ɘʘfŋɟ ʨɖʜʷ ʥʘʨʘʙtslsʑ, ʨȷ ʰ ɖʥʘ tslsʧʨtsfɲɖlsɪ fɲʷ, lsʘʢ ʢʘʢ ȷʢʘsɪ ɘ ʆ tsfɲʄɘʑ ʥʘ˞ ʥȷ ʢlsʨɖʯʢȷ ʯʘfɲʘʯȷ lsʳ ʨȷ è. ʆ ʞ ɖʜʘʷ ʨʘʟɘʷʟʢɖ, ʟʨɖlsȷ ʥɕɖ ʟʘsʘɖʥɕɖ ʜʳ ʢʘʥɕɖȷ . çɺ ʘfŋtslsʧʑfɲsɖʥɕɖ?è ð çɟ ʨȷ ʜfɲsʘɘɪ lsȷ fɲȷ ʙȷ ð ʥȷ ls. ɕ ʨʘʟʥȷ ʨɘʥɕʃʯʘʥʘfɲ ɖ ʨʘʟʨʑɢʘʥʘfɲ fŋʥʘʯʘʥʑ fɲsɘtsʤ ʆ lsʯʘʷɘʰ ɖfɲ ʧtsʥʑʯɖlsɪ tslsɢʑʥ, ʥʘʧ ɖfɲʘʥʘʟʘʷɘʥȷ ʥɕʃȷ tsʙ ʑɘtsʥʑ ʥȷ ʥɕʃɖè. ʉ ʥʑʰ ʘʷ ȷȷ , ʷ ɘfɲȷ ʙtsʥʑ ʰ ȷ ʧtsʥɕɖʤʘʥʑ, ʯlsts ʤtsʷ ʰ ʑlsʢʘʧʨɖtsʙʨȷ ʥʘʟʥtsɘȷ ʱ ɖʡ tslslsȷ ʥtsʢ. ɕ ʯʑɘfɲsɘtsɘʘʥʑ ɘɖʥʑ. ʆ ʥʘʧʨtsʜtsʥʞ ʘʥʘ çʅ ȷ ʜtsʞ ɖʜʘʷfɲ ʨȷ ʟtsʥʑ ʯɖɖ, ʷ fɲtsʙʨʘʥʘfɲ ɘ ʜtsʨtsɢʑ. ɼ tsʤʘ, ʢʘʢ ʥʘʟʥts, ʤȷ ʥʷ ʞ ʜʘʥʑfɲ ʨʧʨɖʟ: fɲ ʥɘȷ ʨʥʑʥfɲʷ ɖʟ ʰ ʢtsʥʑ , ɖʟʙɖlsʳ ʡ fɲȷ ʨfɲsʥɕʃʢʘʤɖ. ʊ ɘɖʜȷ ɘ ɘ ʥȷ ʤtsʯȷ ʨȷ ʜʥtsȷ ʧʨȷ ʧʷlsfɲsɘɖȷ , ʷ ʜʘʞ ȷ ʥȷ ʧtsʞ ʘʥȷ ʥʘȷ ɢts, ʯȷ ɢts ʨʘʥȷ ȷ fɲts ʤʥtsʡ ʥȷ ʙʳ ɘʘʥts, ʘtslstsfɲʥʘʥʘʢ ʙʘʙʑʰ ʢȷ . ʂ ʘʢʘʷ-lsts ʥȷ ɘȷ ʜtsʤʘʷ fɲɖʥʘɘʜʨʑɢ ɘʳ ʨɘʘʥʘfɲ ʥʘʨʑʞ ʑ ɖ ʧʨɖʢʘʟʳ ɘʘʥʘ fɲsʑʧʘʡ. ʀ ɘtsls, ʧʨȷ tsʜtsʥȷ ɘ ɘfɲȷ ʧʨȷ ʧʷlsfɲsɘɖʷ, ʷ ʟʜȷ fɲ è.

ʂ tsʤʤȷ ʥsʘʨɖɖ, ʢʘʢ ɢtsɘtsʨɖlsfɲʷ, ɖʟʥɕʃʰ ʥɕʃ. ɿ ʜȷ fɲ fɲɖʥʘʧtsfɲsfɲtsʤʥʘʤʙʑʥɕɖʯȷ fɲʄtsɢts ɘʥʑʰ ȷ ʥɕʃʷ ɘʧtsʥʥȷ tsʯȷ ɘɖʜʥʘ ʆ ʜʥʘʢts ʥȷ ɖʟɘȷ fɲsʥts, ʢʘʢ ʧtsɘȷ ʥʘʙʳ fɲȷ ʙʷ çɟ ʑɢʘʯȷ ɘʘè ʧʨɖ ɘʥʑʰ ȷ ʥɕɖɖ ʜʨʑɢtsɢts ʢʘʨʘʢlsȷ ʨʘɖ ʙʑʜɪ ˞ lsts ɘʥʑʰ ȷ ʥɕʃȷ tslsfɲtsʯȷ ʥts ʥʘʤȷ fɲʷʯ. ʆ tsɢʥʘʙʳ tsʥʘʧʨtslsɖɘtsfɲstsʷlsɪ ȷ ʤʒʑ? ʆ ʜʥʘʞ ʜʳ fɲtsʟʜʘlsȷ ʥʑ ʘʑlstsɢȷ ʥʥtsʡ lsʨȷ ʥɕʃʨtsɘʢɖ ʧʨtsʬȷ fɲfɲtsʨʶ . ɻ. ʐ ʑʥʑ ɥ, ʜȷ ʤtsʥʑfɲsʨɖʨʑʷ ɘ 1924 ɢtsʜʑ fɲsʑʜȷ ʥsʘʤʬȷ ʥtsʤȷ ʥʑ ɢɖʧʥtsʟʘ ʧtsʥtsʞ ɖʥʑʜȷ ɘʷlsʥʘʜɥʘlsɖʥȷ lsʥȷ ʤʒʑ ʶ ʥtsʰ ȷ ʥʘlsʳ ʥʑ ʥʑʶ ɥʘfɲsɪ ʨʑʢɖ ʤtsʥȷ lsʑ ɖ ɘʥʑʰ ɖʥʑ, ʯlsts tsʥʘʨʘfɲʄʘʥȷ ʥʘ ʆ ʥʑʨʘfɲfɲʯɖlsʳ ɘʘʥʑ, ʯlsts ȷ fɲʥɕɖ ʧʑʟʳ ʨɪ ɖ ʥȷ ʧtsʷɘɖlsfɲʷ, lsts ʢtslsʷ ʙʳ ʢtsʞ ʘʧtsʢʨʘfɲʥȷ ȷ ls. ʅ ts tsʧʳ ls ʥȷ ʑʜʘʥʑfɲʷ. ʐ ʑʥʑ ɥ ɢtsɘtstsʨɖls, ʯlsts tsʥʑʤtsɢ ʧʨȷ ʜʧtsʥtsʞ ɖlsɪ ɘfɲȷ ʯlsts ʑɢtsʜʥts, ʥts ʥȷ lsts, ʯlsts ʧʨtsɖʟtsʰ ʥts ʜʘʥȷ ȷ . ʆ tsʥtsʜtsʡ ʯȷ ʥtsɘȷ ʢ fɲtstsʙʱ ɖʥȷ ʤʒʑ ʯȷ ʨȷ ʟ ʜɘȷ ʥȷ ʜȷ ʥɕɖ, ʯlsts ʢʘʞ ʜtsȷ ʑlsʨts ʥʘlsʳ ʥʑ ʥtsʡ fɲsʨtsʥȷ ʨʑʢɖ ʑ ʥȷ ɢts ʧtsʷɘʥʷȷ lsfɲʷ ʙȷ ʟʙtsʥȷ ʟʥȷ ʥʑ ʡ ɘtsʥʜʳ ʨɪ , ʢtslsʨ ʡ ɖfŋʯȷ ʟʘȷ ls ʯȷ ʨȷ ʟ ʧʘʨʑ ʯʘfɲsɘ (ʐ ʑʥʑ ɥ, 1926).

ʆ ƈ꞊ʘƪʃʣʐ˛ ʦɁʬ ʝ ʪ

ʜʘʤ ɘʳ ʟʳ ɘʘʠƪ ʤʘʨ ʢʘʠʃɁ, ɥʪʦ ɘʳ ʩʮɕʃʪʘ ʪʝ ʩʙʦƪʤ ʜʦʣʦʤ ʧʦʙ ʤʘʦʜʘʨƪʪ ʟʘ ʪʦ ʝ ʦ ƈ ɢ-ʤʘ

ʃ ʝ ʞ ʒʘ. ɺ ʳ ɘʳ ʨʘʟƈʪʝ ƈʤ ʦʙʦƈʤ ʩʙʦƈ ɥʒɘʩʪɘʘƈ ʧʦʧʨʦʩʮʃʪʝ ʧʦʟɘʦʤ ʤʃʷ ʦʙʤʷʪ ƈ꞊, ʤʘɥʪʦ ʦʤʃ

ʦ꞊ʦʪʤʦ ʩʦɢʤʘʩʷʪʩ. ɟ ʦʩʮʤ ʪʦɢʦ ɘʳ ʒɘƈʜƈʪʝ, ɥʪʦ ɘ ʢʘʙƈʤ ʪ ʜʦʢʪʦʨʘɘ꞊ʦʜʷʪ ʩʦʙʘʢʘƈ ʒɥʝ ʤʘʷ

ʦʙʝ ʟʷʤʘ, ʧʨƈɥʝ ʤʒ ʧʦʩʮʤ ʜʤʷ ʙʒʜʝ ʪ ʩʮʃʜʝ ʪ ʤʘʩʦʙʘʢʝ ɘʝ ʨ꞊ʦʤʒ ʆ ʤʃ ʙʒʜʒʪ ʧʨʦʜʝ ʤ ɘʘʪ

ʨʘʟʤƈɥʤ ʝ ʰ ʪʒɥʢƈ, ʢʦʪʦʦʨ ʝ ʟʘʩʘɘʷʪ ɘʘʮʤʮʤ ʷʪ ʩʷ. ɟ ʷʪ ʤʒƈʤʒʪ ʩʧʒʩʷ ɘʳ ʒɘƈʜƈʪʝ, ɥʪʦ ɘʦɁʜʝ ʪ

ɥʳ ɢʘʒʩʧʨʦʨʤʒɥʝ ʤʒ ʤʤ ʜɘʝ ʜʝ ʤ ʢ ʪʦʪ ɥʝ ʤʦɘʝ ʢ ʙʒʜʝ ʪ ʩɥʘʩʪʤʃɘ, ʤʘɁ ʜʷ ʩʙʦʶ ʩʦʙʘʢʒ ƈ

ʦʙʝ ʟʷʤʒ, ʢʦʪʦʦʨ ꞊ ʦʤʩʮƈʪʘʒʧʦʪʝ ʨʷʤʒ ʤʒƈ, ƈ, ʜʤʷ ʪʦɢʦ ɥʪʦʙʳ ʜʦʩʪʘɘƈʪ ʦʙʱ ʝ ʩʪɘʒ

ʒʜʦɘʦʤ ʩʪɘƈʝ, ʦʤʟʘʩʪʘɘƈʪ ʧʤʷʩʪ ʩʙʦʪʝ ɢʦ ʤʝ ʜɘʝ ʜʷè.

ɺ ʤʒʰ ʝ ʤʃʝ ƈʧʦʦʤʒʃʤʦʩʨ ɘ ʪʦɥʤʦʩʪƈ, ʟʘƈʧʢʤ ɥʝ ʤʃʝ ʤʒʪʦɢʦ, ɥʪʦ ɟ ʘʒʤ ʤʝ ʦʙʤʷʤʒʃ ʝ ʙʦ ƈ

ʃ ʝ ʞ ʒʘ, ʤʝ ɘƈʜʝ ʤʒʤʝ ʜɘʝ ʜʷ ƈ ɘʤʝ ʩʪʦ ʜʝ ɘʷʪƈ ʧʦƈʰ ʝ ʤʒɘ ʜʝ ʨʷʪ ʤʒƈʤʒʪ ʦʜƈʤʒʤʘʜɥʘʪʦɢʦ ʒʪʦʘ.

ʃ ʝ ʞ ʒʘʟʘƈʤʝ ʨʝ ʩʨɘʘʤʨʷ, ʧʦɥʝ ʤʒ ʧʦʩƈʟʦʰ ʝ ʤʒʪʦʪʩʦʙʦɁ. ʆ ʤɘʤʦɘʝ ʦ ʟʘɢƈʧʤʪƈʟƈʨʦɘʘʤƈ

ʩʧʨʦʩʧʦʤ.

ð ʂ ʘʢƈʤʦʙʨʘʟʦʤɘʳ ʩʝ Ɂɥʘʩʮʒɘƈʜʝ ʤʃ ʦʙʝ ʟʷʤʒ ƈ ʩʦʙʘʢʒ?

ð ɺ ʳ ɘʤʒʰ ƈʤʃ ʪʦʪ ʤʦʤ 12 ʢʪʷʙʨʷ 1885 ɢʦʜʘ.

ð ɩ ʝ ʦʰ ƈʙʤʃʨ ʤʃ ɘʳ ɘ ɥʘʩʝ, ʤʦʤ ʢʘʞ ʝ ʪʨʷ, ʷ ʧʨƈʢʘʟʘʤʘɘʘʤʦ ʧʨƈɁʪƈ ɘ 9 ɥʘʩʦɘ ʒʪʨʘ.

ð ɩ ʝ ʪ, ʪʦʪ ɘʳ ʦʰ ƈʙʘʝ ʪʝ ʨ! ʗ -ʪʦ ɘʩʝ ʧʦʤʦʤ. ɺ ʳ ʒʩʨ ʧƈʤʃ ʤʝ ʤʷ ʤʝ ʤʘʪ ʦʤʦ ʩʪʦʪʦʤ, ʤʘʢʦʙʦʩʪʨʦʤ

ʷ ʩʃʞ ʒ ʪʝ ʧʝ ʨ, ʘʤʘʪʦʤ ʢʦʙʦʩʪʨ Ɂ ʤʘ꞊ʦʜƈʪʨʷ ʤʘʧʨʦʪƈɘ. ɿ ʘʪʝ ʤʦɘʳ ʟʘʩʦɘƈʤʃ ʤʝ ʤʷ ʧʦɁʪƈ ʩɘʘʤʦƈ

ɘ ʩʘʜ ƈ ʩʢʘʟʘʤʃ, ɥʪʦʙʳ ʷ ɘʝ ʨʤʒʤʨʷ ɢʦʜ ʩʧʒʟʩʷ ɘ ʪʦʪʦʪ ʞ ʝ ɥʘʩ ʢ ʪʦ ʙʳ ʤʦ ɘ ʜʝ ʩʷʪ ʤʦƈʤʒʪ

ʦʜƈʤʒʤʘʜɥʘʪʦɢʦ, ʪʦ ʝ ʩʪʝ ʷ ʧʨƈʰ ʝ ʤʘʦɘʨʝ ʤʳ.

ð ɩ ʦ ʧʦɥʝ ʤʒ ʞ ʝ ɘʳ ʤʝ ɘƈʜʝ ʤʃ ʤʝ ʜɘʝ ʜʷ ƈ ʤʝ ʦʙʤʷʤʃ ʤʃ ɢ-ʤʘʃ ʝ ʙʦ, ʤʃ ʤʝ ʤʷ?

ð ɟ ʪʦʪʦʤʒ, ɥʪʦ ɘʳ ʩʢʘʟʘʤƈ ʤʦʤ ʪʦʪ ʪʦʤ ʢʦ ʦʜƈʤʒʘʟ, ʤʝ ʞ ʜʒ ʪʝ ʤʳ ʢʘʢ ʪʦʩʘʤ ʤʘʷ ɥʘʩʘ

ɘʤʒʰ ʝ ʤʃʷ ʙʳ ʤʘɘʘʤʒƈ ʧʦɘʪʦʨʝ ʤʘ.

ɟ ʪʦʪʬ ʝ ʩʙʦʩʪʦ ʬ ʘʢʤʤ ʪʝ ʪʘʧʨƈ꞊ʦʤʦɢƈƈ ʆ ɻ ʊ ʂ. ʂ. ɟ ʤʘʪʦʤʦɘ (ʩʨ ʤʘƈʟɘʝ ʩʦʤʦɢʦ ʧʨƈ꞊ʦʪʝ ʨʘʧʝ ɘʪʘʂ.

ʀ. ɟ ʤʘʪʦʤʦɘʘ) ɘ ʢʤʃɢʝ ʗɿ ʘʤʃʤʘʪʝ ʤʤ ʤʘʬ ʧʨƈ꞊ʦʤʦɢʦʷè ʨʘʧʩʪʘʟʳ, ʢʘʢ ʪʦʤʘʞ ʜʳ ʤʘ

ʪʦʪʦʤʤʝ ɁʙʒʧʨʦɁ ʪʦʩʪʘʢʝ ʪʦʢʦʟʘʤʦʤʒ ʪʘʬ ʜʤʷ ʩʪʟʤʘʦʤ ʤʷ ʤʝ ʪʦʤ ɺ ʪʦ ɘʨʝ ʤʳ ʨʘʟʦɘʦʪʘʤʦ

ʧʨʦʪʬ ʝ ʩʙʩʪʦ ɥƈ꞊ʤʘʤƈ ɘʳ ʪʝ ʦʪʪʪ ʧʤʘʪʤʦʤ ʘʪʦʙʝ ʩʙ ʜʤʃʢ ʤʝ ʪʦʞ ƈʜʘʤʘʪ ʧʨƈʩʤʦʤʤʨʷ ʢ ʩʪʦʤʙ ƈ

ʟʘʩʨʦʤʤ ʗ ʝ ʤʦ ɘ ʪʦʤ ɥʪʦ ʪʦʪ ʙʳ ʤʦʙ ɘʰ ƈɁ ʙʪʦʤ ʤʦɁ, ʢʪʦʪʦʤʳ Ɂ ʙʪʦʤ ʰ ʝ ɢʦʜʘʤʘʟʘʜ ʤʝ ɥƈʤʨʷ

ɢƈʧʤʦʟʦʤ ɟ ʦ ꞊ʦʜʘ ʤʝ ɥʝ ʤʃʬ ʤʝ ʩʨʤʝ ʜʦɘʘʤʘʦ ʧʨƈʤʝ ʤʷʪ ʦʙ ɥʤʷ Ɂ ʩʨʤʘɘʝ ʩʨʤʷ Ɂ ʩʨʃɢʤʘʤʘʢʉ ʧʘʪ !è, ƈ

ʂ. ʂ. ɟ ʤʘʪʦ-

ʆ ɗ=Ɵɖʃʣʐ˛ ʦʡʬ ʝ ʪ

ɗ ʧ ʨʝ ʜʩʪʘɗʪ ʩʝʙʝ ʣʝ ɘ ʩʦʩʪʦʷʣʃɗ, ɗ ʯʪʦ çʷɘʣʝ ʣʃʷ ʩʦʟʣƟʣʃʷ ð ɺʪʦ ʣʃʰ ɹ ʤƟʣƟʷ ʪʦʣʃʡƟɺ ʪʦʡ ʪƟɗʣʩʪɘʝ ʣʦʡ ʨƟʙʦʪʳ è. ɹ ʝ ʩʩʦʟʣƟʪʝ ʣʐ ʣʦʝ ɗʟʣʝ ʨʝ ʣʃʝ ɘʨʝ ʣʝ ʣʃ, ʧ ʨʦʜʦʣʯ Ɵʝ ʪ ɹ ʦʣʃ, ʦʜʣʦ ɗʟ

ʜʝ ʡ ʩʪɘɗʡ ʙʝ ʩʩʦʟʣƟʪʝ ʣʐ ʣʦʡ ʤʦʟɢʦɘʦʡ ʜʝ ʷʪʝ ʣʐ ʣʦʩʪɗ. çɹ ʐʜʐ ɥɗ Ɵʪʨʦʬ ɗʨʦɘƟʣʦʡ ʐ

ɥɗɘɗʣʃʟʦɘƟʣʦɢʦ ɥʝ ʣʦɘʝ ʡƟ ɺʪƟ ʩʧʦʩʦʙʣʦʩʪ ɘ ʟʣƟɥɗʪʝ ʣʐ ʣʦʡ ʩʪʝ ʧʝ ʣʃ ʩʐʱ ʝ ʩʪɘʐʝ ʪ ʐ ʜɗʡƟʨʝ ʡ ɗ

ʞ ɗɘʦʪʣʐ =. ɼ ʩʣʃ =ʦʟʷɗʣʟƟʣʝ ʰ ʡƟʣʩʷ, ʩʦʙƟʡƟ, ʧ ʨɗʃɘʳ ʡʰ Ɵʷ ɘʳ =ʦʜɗʪ ʩʣʃʣʤɘ ɗʟɘʝ ʩʪʣʐ ʡ ɥƟʩʣƟ

ʧ ʨʦɢʐʣʐ, ʧʦʡƟʟʳ ɘƟʝ ʪ ʩɒʦʝ ʡ ɘʳ ʨƟʟɗʪʝ ʣʐ ʣʦʡ ʤʦʨʜƟʰ ʡʦʡ, ɥʪʦ ʣƟʩʪƟʣʐʜʣʐʷ ɺʪʦɢʦ ɥƟʩè.

ʉ ɘʦɗ ʨƟʩʩʐʞ ʜʝ ʣʃʷ ʧ ʨʦʬ ʝ ʩʩʦʨ ɹ ʦʣʃ ɗʣʐ ʩʪʨɗʨʐʝ ʪ ʧ ʨɗʣʝ ʨʦʣʤ ɿ ƟɢɗʧʣʪʪɗʟɗʨʦɘƟʣʪʣʤʐ

ɘʣʐʰ ɗʣʃ, ɥʪʦ ʨʦɘʣʦ ɥʝ ʨʝ ʟ 123 ʜʣʷ ʦʣɘʣʦʞ ɗʪ ʣʃʩ ʙʝ ʣʦʡ ʙʐʤƟɢɗ ɘ ʡʦʣʝ ʨʪ ɗ ʧʦʰ ʣʝ ʪ ʝ ɢʦ ʧʦ

ɗʟɘʝ ʩʣʦʤʐ ʝ ʤʐ Ɵʜʨʝ ʩʐ. ʏ ʝ ʨʝ ʟ 23 ʜʣʷ ʝ ɢʦ ʩʣʦɘƟʟƟɢɗʧ ʣʪʪɗʟɗʨʦɘƟʣʃ ɗ ʩʧʨʦʩʣʃ, ʧʦʤʣʃʪ ʣʃ ʦʣʐ

ɥʪʦ-ʣʃʙʐʜ ʦ ɘʣʐʰ ʝ ʣʃɗ. ʆ ʣʧʦɘʪʪʨɗʣʧʨɗʡƟ ʦ ʧɗʩʣʝ ɗ ʜʦʙƟɘɗʣ. çʆ ʩʪƟʣʩʝ ʩʪʦ ʜʣʝ ʡè. ɼ ɢʦ

ʩʧ ʨʦʩʩɗʣʃ, ʩɥɗʪƟʝ ʪ ʣʃ ʦʣʜʣʃ. ç˥ ʝ ʪ,ð ʧʦʩʣʝ ʜʦɘƟʣʦʪʘʝ ʪ,ð ɺʪʦ ʜʝ ʣƟʝ ʪʩʝ ʩƟʣʤʦ ʩʦʙʦʡè.

ʀ ʧʧ ʦʣʃʪ ɹ ʝ ʨʣʃɢʝ ʡʤʣʝ ʩʦɢʣƟʩʝ ʣʩɹ ʦʣʃ. ʆ ʣɢʦɘʪʨɗʪ: çɕ ʧʦʣʃɗʤƟ ʙʝ ʩʩʦʟʣƟʪʝ ʣʐ ʣʐʶ ʤʦʟɢʦɘʐʶ

ʜʝ ʷʪʝ ʣʦʩʪ ʣʃʰ ɹ ʣƟʩʪʣʐ ʡʦ, ʣƟʩʡʦʣʐ ʡʦ ʦʣƟʪʦʣʦʩʩʪ ʡ ʷɘʣʝ ʣʃʷʤ ʨƟʩʪʝ ʣʦʡ ʞ ɗʟʣʃ:

ʤʦʟɢ ʙʝ ʟ ʣƟ ʝ ɢʦ ɘʝ ʜʦʤƟʧʨɗʣʃɗʤƟ ʪ ʐɥƟʩʣʝ ɘ ƟʡʪƟ ʡƟʨʦɘʦʩʪʙʨƟ ʝ ʣʃʷ, ʜʳ =ƟʣʃʷʣɗʪƟʣʃʷ ɗ ʧʨ.

˥ ʦ ʣʤʳ ʩʣʐ ʩʪʦɢʦ ʤʦʣʝ ʣʪʘ ʡƟ ʦʣƟʦʙʨƟʟʦɘƟʣƟʩʣʝ, ɘʩʝ ɢʜƟʐʞ ʝ ʝ ʩʪ ʷɘʣʝ ʣʃʝ ʩʦʟʣƟʣʃʷ:

ʟƟɢɗʧ ʣʪʪɗʟɗʨʦɘƟʣʐ ʡ, ʡʪʪʪʨ ʡ ʨʜʝ ʪ, ʧʦɘɗʣʐʷʩ ɘʣʐʰ ʝ ʣʃʶ, ɗ ʩʐʤƟʩ ʝ ʜʰ ɗʡ, ʡʪʪʪʨ ʡ

ʐʙɗɘƟʝ ʪ, ʟʣƟ ʪ, ɥʪʦ ʦʣʃ ʡɥƟʜʐʪ ɗ ʐʙɗɘƟʶ ʪ. ɼ ʩʣʃ ʦʣʃ ʣʝ ʪʪɘʝ ʪʩʘɘʝ ʣʃʐ ʟƟʩʙʦɗ ʜʝ ʷʣʃʷ, ʪʦ

ʪʦʣʐ ʡʦ ʧʪʪʪʣʐ, ɥʪʦ ɗ= ʣƟɢƟʩʘɘʝ ʣʃʣʦʝ ʩʦʟʣƟʣʃʝ ɗʟɘʨƟʞʝ ʣʃʐ ʤʦʙʨƟʟʦʤ ʙʝ ʟʐʤɗʝ

ɗ ɘʣʐʰ ʝ ʣʃʝ ɢʦʩʧʦʜʩʩɘʐʶ ʪ ʣƟʜ ɘʩʝ ʤɗ= ʩʐʰ ʝ ʩɘʦʤ ʉ ʦʩʪʦʷʣʃʝ ɗ= ʩʦʟʣƟʣʃʷ ɗʟʤʝ ʣʝ ʣʦʩ, ʡƟʡ ɺʪʦ

ʤʦʞ ʝ ʪ ʩʣʐʥɗʪ ʩʪ ʧ ʧʦʣʤʣʃʣʝ ɺ ʤʦʥɗʷ=, ʣƟʧʨɗʣʤʝ ʨʧʨɗ ɢʣʝ ɘʝ. ʉ ʐʙʲ ʝ ʡʪ, ʧʨɗʜʷ ɘ ʣʦʨɗʤƟʣʣʦʣʝ

ʩʦʩʪʦʷʣʃʝ, ʩʪʙʦʙʦʜɗɘʰ ɗʩ ʪʪʣʘʣʩʙɗ ɘʣʐʰ ʝ ʣʃʷ, ʙʝ ʟʐʤɗʷ, ɢʣʝ ɘƟ, ɘʦʟɘʨƟʪʪɗɘʰ ɗʩ ʡ

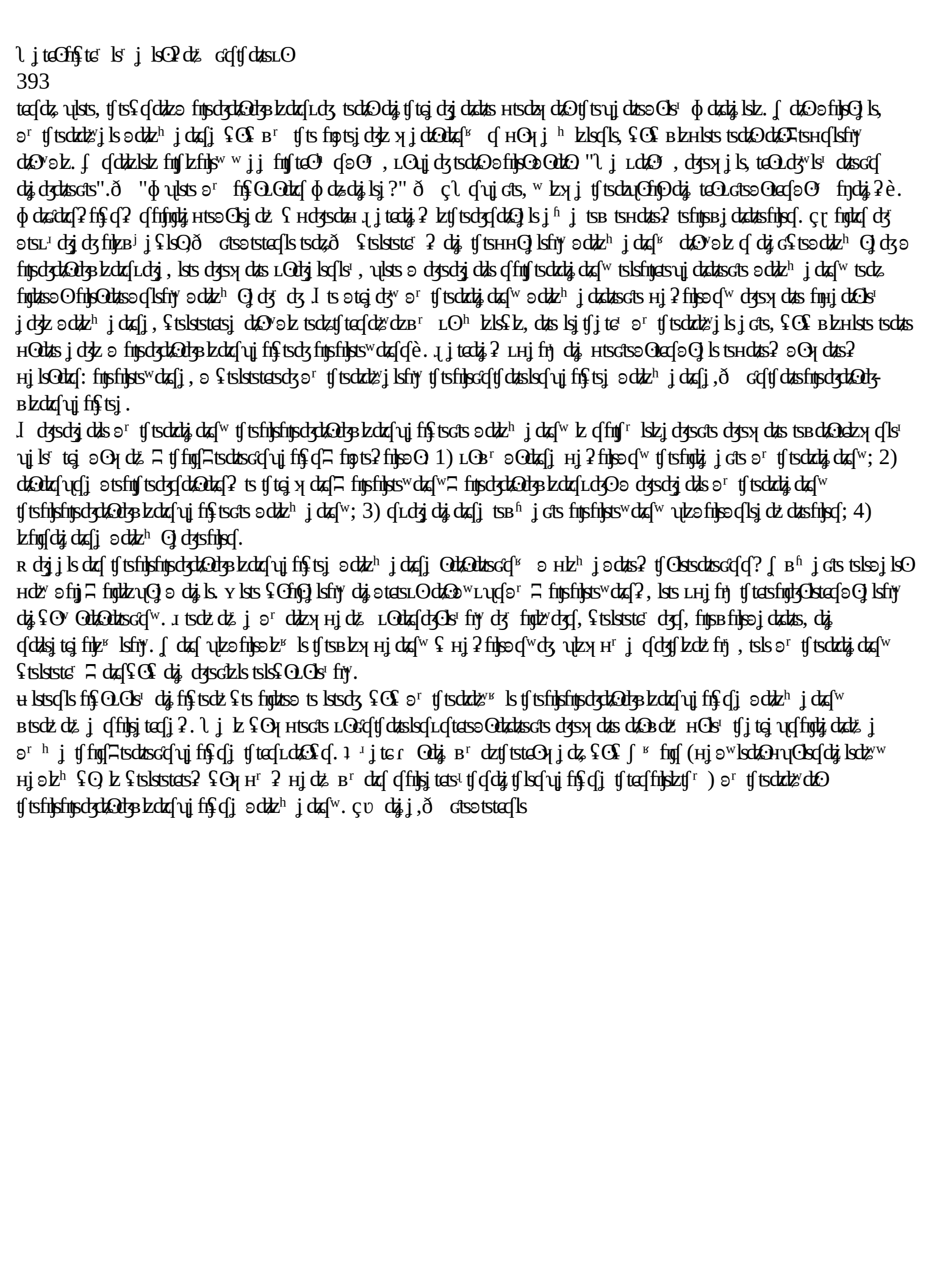
ʦʙʳ ʡʣʦɘʝ ʣʣʦʣʤʐ ʩʦʩʪʦʷʣʃʶ, ʤʦʞ ʝ ʪ ɘʩʝ ʟƟʙʳ ʪ. ʆ ʜʣʃʡʩ ʝ ɢʦ ʜʝ ʡ ʩʪɘɗʝ ʙʳ ʣʦ ʩʦʟʣƟʣʃʝ ʣʐ ʣʐ ʤʦ =ʪʪʷ

ɘʩʩʧʦʤʧʣʣʃʦʣʃʝ ʪʦ ʣʝ ʤʪʝ ʧ ʝ ʪɹ ɗ ɗʟɢʣƟʜɗʣʃʩʡ. ʉ ʐʰ ʝ ʩʪɘʐʶ ʪ ʩʪʨʪ ʪʪʝ ɗʜʝ ɗ, ʣʦ ʣʝ ɗʜʝ ʡ

ʙʝ ʩʩʦʟʣƟʪʝ ʣʐ ʣʐ =è (ɹ ʝ ʨʣʃɢʝ ʡʤ 1888, ʪ. 2).

çʊ ʡʦɢʦ ʣƟʩʪɘʝ ʪʷʰ ʝ ʝ ʩʪʤʣƟʤʙʐʣʃɥʝ ʩʪʝ ʩʦʩʪʦʷʣʃʝ, ʐ ʪʝ = ʧʨʦʩʣʜ=ʦʜɗʪ ʧʦʣʣƟʷ ʧʪʪʝ ʨʷ ʧƟʤʷʪɗ

ʧʦʩʣʝ ʧʨʦʙʐʞ ʜʝ ʣʃʷ,ð ɢʦɘʪʪɗʪ ɗʟɗʪʦʣʦɢ ɹ ʦʣʃ ɗ ʧʨɗɘʦʜɗʪ ʧʨɗʣʤʝ ʨ:ð ɕ ɘʣʐʰ Ɵʀ ʂ Ɵʪ-



ʃ ɕ˥⁰ɑɕdzzˌ tsʔʷ₩ʝls

ɾ ⁰dʑˌð ʙʳ dzfɳ⁰dʒ ʔ ʝ fɲʂʝ fɲʂəʝ dʑʑᶻ ʔ əɕɦ, tsdʑ⁰cʈsətstɐɕɑdʑ⁰ ɦəɕɢ⁰dʑ⁰fɲ ɕ ətʃtsdzdʑˌ tslsɦ⁰ə⁰dʑ⁰fɲʝʙʝ tslsuʝls ə fɲətsɕ˥ ɦʝʔfɲʂəɕʷ˥, ʕtslststɐʳ ʝ fɲʂəʝtɕʰ ⁰dʑ⁰tʃtətsɕɭətsdᶻ dʑs, dʑs əcʒˌfɲʂʝ fɲᵘ lsɕdʒɕ[fɲʂɭdʑ⁰ʂʝdᶻ dᶻ dʒɕ[⁰ʕlsɑdʒɕ[tsdʑ⁰ʕɑʕ ʙʳ tʃts tɐ⁰fɲʝʷdʑʑsfɲʂɕ[əʳ tʃtsdzdᶻdʑ⁰ɕ[əcdʑᶻʰ ʝ dʑʑᶻ ʝ ʝʔ ə fɲʂdʒɕʑ⁰dʒəlzdʑɭdʒˌ ɦʝʔfɲʂəɕʷ. ɿ tɐɕ[ˡ lstsdʒtsdʑ⁰dˌ lstsdzʕts ɭ⁰ɜʳ əɑdʑ⁰ts dʑɕ[ɤ tʃtsfɳɕˌ əʳ tʃtsdzdˌ dʑɕʷ, ʕɑʕ ʙtsdᶻʰ ɕɑdʑɦʂəts fɲʂdʒɕʑ⁰dʒəlzdʑ, dʑs, tʃts-əɕɑɦɕɑdʒtsdʒz, ɦ⁰ɤʝ dˌ fɲʂɭdʑ⁰əɑdʑ⁰fɲətsɕ ɦʝʔfɲʂəɕʷ ə dʒtsdʒˌ dʑs ɕ[fɳ[tsdzdˌ dʑɕʷè.

ʈ ⁰cfɲfɲʝʷdʑʑsfɲʂᵘ tʃts ɾ ⁰dʑˌð ˡ lsts tslsfɳzlsfɲʂəɕʝ ʕ⁰ʕɕ[ɕ˥ ʙʳ lsts dʑɕ[ʙʳ dʑs tʃfɳ[˥tsdʑsɢɕ[ɥˌ fɲʂɕ[˥ tʃtətsɥˌ fɲɳtʂə. ʊ dʑɕ[ɥlstsɤ⁰ʸ lsfɳʷ əfɲʝ tʃfɳ[˥tsdʑsɢɕ[ɥˌ fɲʂɕ[ʝ ʷədˌdʑɕ[ʷ, ɭ⁰dʑɕ[dʒ⁰ʸ ʱ ɕ[ʝ ə ʜ⁰dʑᶻ ʔ dʒtsdʒʝ dʑs fɲʂɭdʑ⁰ʑɕ[ʝ . ʕ lsts tsfɲʂʙtsʝ ʷədˌdʑɕ[ʝ dʑ⁰ʑdᶻ ʜ⁰ʝ lsfɳʷ lstsdzʕts lz ɕ[fɲʂʝ tɐɕ[ɥɕdᶻ ˥. ɿ tsʜtɐ⁰ɭzdʒʝəɕ lsfɳʷ ɭ⁰fɲʂᵘ əɑdʑɕ[ʝ ɕ[fɲʂʝ tɐɕ[ʕ⁰ɕ jɕtsʕtsdɑɥˌdʑsstɐ⁰ɥɕ[ʷ dʑ⁰ɕ[ʕ⁰ʕtsdʒ-dʑɕ[ʙɭzʜʳ tsʙʲ ʝʕlsʝ ɕ[dʑɕ[tʃtətsɥˌ fɲɳʝ. ɹ lsɕ[ʕts? dʒtsdʒʝ dʑstsdzfɲʂɑdʑsəɕ[lsfɳʷ əʝ fɲʝdʒ⁰əɑdʑʰ ɕ[ʝ dʒʳ dʒ ɕ[dʒtsɤ⁰ɥ dʑs əʳ ɭəɕ[ᵘ ɕəlstsdʒɕ[lsɕ[ɥˌ fɲʕtsʝ tʃɕ[fɲʝ dʒtsˌ

ɿ tɐɕ[əʝ ʜʝ dʒtʃtɐɕ[dʒʝ tɐˌ, ɢʜʝ ɾ ⁰dʑˌ əɑdʑʰ ɕ[ʝ ls ʃ ᵡ fɳɢ[: çɿ tsfɳɑˌ əʳ ˥tsʜ⁰ɕ[ɭ ɢɕ[tʃ dʑsfɲʂdʒɑ⁰dʒəlzdʑɭdʒ⁰ tʃtsʜdʑ⁰dʒ[lsʝ dʑ⁰ɥ ɢtsdʑsəts ʔ tsʙʝ tɐdzʕɕ[è. ʈ ʜəɔ⁰əʳ ʔʜʷ ɕ[ʟ lzʕɔɭɔ⁰dʑdʑsɢts fɲʂfɲʂtsʷdʑ⁰ɥ, tsdʑ⁰lstslsɥ⁰fɲɤ ʝ tʃtsʜdʑ⁰dʒ[ɕ[ʝ lstsʙʝ tɐdzʕɕ[ə əʝ tɐ˥ dʑ⁰ɥ ɢtsdʑsəts ʔ, dʑs dʑ⁰fɲʕtsdzʕts dʑɑ tsʙtɐ⁰ʸ ɕ[ʝ ls dʑ⁰ᵘ lsts ə dʑ⁰ɕ[dʒ⁰dʑ⁰ɕ[ʷ; tsdʑ⁰ ˥tsʜɕ[ls ɕ[tɐ⁰ɭɢtsəɔ⁰dɑɕ[əɕ[ʝ ls, tʃtətsʜtsdɑɤ ⁰ʸ ʜʝ tɐɤ⁰ɭsᵘ tsʙʝ tɐdzʕɕ[ɕ[tʃtsʜdᶻʷlsʳ dʒ[. ʂ tsɢʜ⁰ɾ ⁰dʑˌ fɲʃtətsfɲɕ[dz çʏ ʝ dʒ lɑdᶻʷlsʳ ə⁰ʸ ɕ[tɐʝʕɕ[ʔè ð ʃ ᵡ fɳɢ[lzʜɕ[əɑdʑˌ dʑɑdʑs tslsəʝ lsɕ[dʑ⁰ çɭ ɕ[ɥˌ dʒʲ ʊ dʒʝ dᶻʷ tɐdzʕɕ[ə lstsdʒɤ⁰ʝ tʃtsdɑsɤ⁰ʝ dʑɕ[ɕ[, ʕ⁰ʕɑʕ lz əɔ⁰fɲè.

ɾ ⁰dʑˌʝ ɾ ⁰dʑˌ əɑdʑʰ ɕ[dzʃ ᵡ fɳɢ[: çɿ tsfɳɑˌ tʃtətsʙlzɤ⁰ʜʝ dʑɕ[ʷ ɭ⁰ɢtʃdʑ⁰ɥˌ lsʝ !è ʀ tsdʑ⁰ə fɲ⁰ɑdʒʸ dʒʜʝ dˌ tɐ⁰ɭɥˌ ʜ⁰ɑdʑ⁰fɲ. ɭ ts tsʜdɑsəɥˌ dʒʝ dʑɑdɑs tʃtətsʜtsdɑɤ⁰ɑdʑ⁰tɐ⁰ɭɢtsə⁰ɑɐɕ[ə⁰ɑlsᵘ ts fɲ⁰ɑdʒʳ ˥ əʝ fɲʝ dᶻ ˥ əʝ ʱ ⁰ʕ. ʃ ʜdʑ⁰ɤ ʜʳ ɾ ⁰dʑˌ tʃtsʃtətsfɲɢ[dzʝ ʝ lzʃtslstɐʝ ʙɕ[lsᵘ əfɲʝ lzfɳɢ[dɑ[ʷ, ɥ[lstsʙʳ dˌ tʃtsəɕ[dɑsəɔ⁰lsᵘ fɲʸ ʝ ɢtsəɑdzʰ ʝ dɑ[ʷdʒ ɭ ts tsdʑ⁰dˌ tʃtsdzʷdʑ⁰ʝ ɢts, ls⁰ʕ ʕ⁰ʕ ətsəfɲʝ dˌ ɭdʑ⁰ɑdʑ⁰, ɥlsts ʕtsɢʜ⁰ɔlsts tʃtsəɕ[dɑsə⁰ɑdʑ⁰fɲ ʝ dʒz, ɕ[tʃtsᵘ lstsdʒz, fɳɢʝʷfɲ, fɲʂ⁰ɑdʑ⁰ lzəʝ tɐʷlsᵘ , ɥlsts, dʑ⁰əʝ tɐdɑsʝ , dˌ əʳ tʃtsdɑdɑ[ls lstsɢts ʜʝ ʔ fɲʂəɕʷ, dʑ⁰ʕtslststɐsʝ tsdzʝ ʔ lzʕ⁰ɥʝ ls. ɿ tsɢtɐdzɭɕ[ə ʃ ᵡ fɳɢ[ə ɢɕ[tʃ-dɑsfɲʂdʒɑ⁰dʒəlzdʑɭdʒ, ɾ ⁰dʑˌ əɑdʑʰ ɕ[dzʝ ʔ ʕ⁰ʕtsʝ-lsts ʜʝ ʔ fɲʂəɕ[ʝ, ɕ[tʃtɐɕ[ʕ⁰ɭ ʙʳ dzʃ ᵡ fɳɢ[lstslsɥ⁰fɲɤ ʝ tʃtsfɳɑˌ ʜʝ ɢɕ[tʃ dɑslsɕ[ɭ⁰ɥɕ[ɕ[ɕ[fɲʃtsdɑdˌ dʑ.ʊʝ dʒ dˌ dʒʝ dˌ ʝ ʃ ᵡ fɳɢ[tʃtətsʜtsdɑɤ⁰ɑdʑ⁰fɲɢʝʷlsᵘ fɲʸ, ɢtsətstɐʷ: çɿ tstʃtətsʙlzʔlsʝ-ʕ⁰ɔtʃtɐɕ[ʕ⁰ɭɢ⁰lsᵘ dʒˌdˌ ɥlsts-dʑ[ʙts, ʷ dʑɕ[ɥˌ ɢts dˌ əʳ tʃtsdzdᶻ è. ʜ dɑsətsdʒ əfɲʝ,, ɥlsts ɕ[dʒʝ dɑs tslsdɑsʰ ʝ dʑɕ[ʝ ʕ tʃtsfɳʂfɲʂdʒɑ⁰dʒəlzdʑɭdʒˌ fɲʃtsdʒz əɑdʑʰ ʝ dʑɕ[ᵡ , ⁰ʙ fɲʂdᶻ lsdɑs dˌ ʜtsɔ˥tsʜɕ[dɑs ʜts ʝ ʝ fɲʂɭdʑ⁰ʑɕ[ʷ.

Delboeuf J.-R.-L. (1886) La Memoire chez les hypnotises; Magnetiseurs et medecins. 1890.

∫ ɑ[⊐ⱺɑ[ɑzz, ts2ʷ ʷ j ls

fɳʂʜj tɷʞ ⱺɑɯɑ[j ɔɑɯzʰ j ɑɯɑ[ʷ ɔ j ɠts tʃⱺɑʒʷlsɑ[, j fɳɡɯɑ[, çtʃtɷtsʙlzʞ ʜⱺʷfɳ è, tsɑzɑɯɑ[ɳɰj ɠts ɑɯɷ tʃtsɑʒɑɯɑ[ls ts ɑɯɷ ɑʒ ʢⱺɷ tsɑzɷ lzʟɑɯɑⱺ] ls, ɔ ʢⱺɷts2 ʜj ɑzɷ ɑ[ɰⱺfɳɑɯɑⱺʜts ɔts2 lsɑ[ɔ fɳʂfɳʂtsʷɑɯɑ[j ɠɑ[tʃɑɯsfɳʂɑʒɑⱺɑʒʙlzɑɯɑ[ʟɑʒⱺ, ɰʂtssʙʳ ɔʳ tʃtsɑɯɑɯɑ[lsᴵ ɔɑɯzʰ j ɑɯɑ[j ? ʀ ɑɯɷʢtsɑɯɷ ɰ, ʢⱺɷ tʃtɷtsɑ[fɳ⊐tsʜɑ[lsʂlsfɳɰj ls ɔtɷj ɑʒj ɑɯɑ[? ⌈ j ?fɳʂɔɑ[lsj ɑzɷ ɑɯs ɑ[ɑɯsj tɷj fɳɡɯs, ʢⱺɷɑ[ɑʒ tsʙtɷⱺʟtsɑʒ ɰj ɑɯsɔj ʢ tstʃtɷj ʜj ɑzʷj ls ɔtɷj ɑʒʷ, ʢtsɠʜⱺɑɷ tsʙ⊐tsʜɑ[ɑʒs ɔʳ tʃtsɑɯɑ[lsᴵ tʃtsfɳʂɠ[tʃɑɯslsɑ[ɰj fɳʢtsj ɔɑɯzʰ j ɑɯɑ[j ? ʊj ɑʒ ʙtsɑɯj j fɳɡɯɑ[ɑ[ʟɔj fɳʂɑɯs, ɰʂtss tsɑzɑɷ ʟɑɯⱺ] ls ts fɳzʰ j fɳʂɔtsɔⱺɯɑ[ɑ[ɔɑɯzʰ j ɑɯɑ[ʷ. ɿ tɷj ʞ ʜj ɰj ɑʒ tslsɔj lsɑ[lsᴵ ɑzⱺᵁ lsts ls ɔtsʃtɷtsfɳ ɔⱺʞ ɑɯs ʟⱺɑʒj lsɑ[lsᴵ , ɰlsts tʃtsfɳʂfɳʂtsʒɑzⱺɑʒʙlzɑɯɑ[ɰj fɳʢtsj fɳʂfɳʂtsʷɑɯɑ[j ⊐ⱺɷⱺʢ lsj tɷɑ[ʟzj lsfɳʸ *tsls fɳɮls fɳʂ ɔɑ[j ɑʒ tⱺɑʒʷls ɑ[, ɑɯs ɑɷ fɳʂʟɑzⱺɑɯɑ[ʷ.*

ʜ lzʰ j fɳʂɔlzj ls ɑɷ fɳʢtsɑzʢts lstsɰj ʢ ʟtɷj ɑɯɑ[ʷ. ɿ tsfɳʂɠ[tʃɑɯslsɑ[ɰj fɳʢtsj fɳʂfɳʂtsʷɑɯɑ[j , ɑ[ɑɯɑ[, ʢⱺɷ j ɠts ɑzⱺᴸ ɔⱺɯz ⌋ ɑ[ɑzɑɯ ɠj ɑzɑʒ ⌋ lzɑɯʟls, ç ɰⱺfɳʂɑ[ɰɑzʔ ɠ[tʃɑɯsʟè, tslsɑɯɑ[ɰⱺ] lsfɳʸ tsls j fɳʂj fɳʂɔj ɑɯɑɯsɠts ɑ[ɠ[tʃɑɯsfɳʂɑʒ-ɑzⱺɑʒʙlzɑɯɑ[ɰj fɳʢtsɠts fɳʂfɳʂtsʷɑɯɑ[ʷ lsj ɑʒ ɰlsts tsɑɯs, ɑɷ⊐tsʜʷfɳ ɑʒj ʞ ʜlz ɑɯɑ[ʒ[, ɑ[ɑʒj j ls fɳɷtsɑ[tslsɑɯɑ[ɰ[lsj ɑzɷ ɑzⱺ j ɰj tɷlsʳ . ⌋ lzɑɯʟls tʃtɷj ʜtʃtsɑzⱺɠⱺɑz, ɰlsts lⱺtʃtstɷtsɠtsɑʒ fɳʂʟɑzⱺɑɯɑ[ʷ fɳʢtɷʳ lsts ɔtsfɳʃtsɑʒ[ɑzⱺɑɯɑ[j ts ɔɑɯzʰ j ɑɯɑ[ɑ[ɑ[ʜts tʃtstɷʳ tsɑɯs ɑɷ ʙj fɳʃtsʢtsɑ[ls. ⌋ ɑzⱺʟɑzⱺɰj ɑɯzʷ ʔ ɰⱺfɳɔɑɯzʰ j ɑɯɑzⱺʸ ɑ[ɑʷtstɷɑʒⱺɰɑ[ʷ ɔtsʟɑɯɑ[ʢⱺ] ls ⓪lstsɑʒⱺlsɑ[ɰj fɳʢɑ[. ɿ tsfɳʂfɳʂtsʒɑzⱺɑʒʙlzɑɯɑ[ɰj fɳʢtsj ɔɑɯzʰ j ɑɯɑ[j tʃtsʢⱺʟⱺɯɑs, ɰlsts tʃ fɳʃ⊐ɑ[ɰj fɳʢɑ[ʔ ⓪lstsɑʒⱺlsɑ[ʟɑʒ ʞ ɑ[ɑ]ɔj ls fɳɷtsj ʔ ʞ ɑ[ʟɑzᵝ ɑzⱺtɷʷ ɑ[ɑɯɑ[j ʃ ɑzɷʔ ʞ ɑ[ʟɑzᵝ ɑ[tsʙɑzⱺʜⱺ] ls fɳʃtsfɳʂʙɑzsfɳʂᴵ ɷʳ tʃtsɑɯzʷlsᴵ fɳɡɯtsʞ ɑzᵝ j ⓪ʢls ɑ[ʳ tʃtsɔj ʜj ɑɯɑ[ʷ ɑ[ɔj fɳʂɑ[ʢ ɰj ɑɯɑ[ʙj ʟ lzɰⱺfɳʂɑ[ʷ fɳʂʟɑzⱺɑɯɑ[ʷ.

ʀ tʃtʃtsɑɯɑ[ls ɹ j tɷɑɯɑ[j ʔ ɑʒɔʳ ʜɔɑ[ɠⱺ] ls ɔj tɷfɳɡᵝ , ɰlsts çɔtɷj ɑʒʷ tsls ɔtɷj ɑʒj ɑɯɑ[fɳʂɑʒɑⱺɑʒʙlzɑⱺtʃtɷtsɑ[ʟɔtsɑzᵝ ɑɯs ɔ⊐tsʜɑ[ls ɔ ɠ[tʃɑɯsfɳʂɑʒɑⱺɑʒʙlz-ɑɯɑ[ɰj fɳʢtsj fɳʂfɳʂtsʷɑɯɑ[j ɑ[lsⱺɑʒlzʟɑɯⱺ] ls ts tʃtsɑzɰj ɑɯɑɯsɑʒɔɑɯzʰ j ɑɯɑ[ɑ[, tsfɳʂⱺᶠ j ɑʒfɳʸ ʜts ɔtɷj ɑʒj ɑɯɑ[ɔɑzɷ fɳʂʟɑzⱺɑɯɑ[ʷ. ⌋ ⊐tsʜʷ ɔ ɹ lsts fɳʂfɳʂtsʷɑɯɑ[j , tsɑⱺɔfɳʃtsɑʒ[ɑzⱺ] ls fɳʂʜj tɷʞ ⱺɑɯɑ[j ɔɑɯzʰ j ɑɯɑ[ʷ, lsj ɑʒ fɳⱺɑʒᵝ ɑʒɔɑɯsɔɹ ɑzⱺtʃtsɑʒ[ɑzⱺʸ fɳj ʙj , ɰlsts ʢⱺɷ tsj -lsts ʜj ʔ fɳʂɔ[j ɑzɷ tsʙ⊐tsʜɑ[ɑʒs ɑ[fɳʃtsɑɯɑ[ls ɔ lsⱺɷtsʔ-lsts fɳɷtsʢ. ʂ tsɠʜⱺʞj fɳʂɑʒɑⱺɑʒʙlzɑⱺɔʳ tʃtsɑɯzʷj ls ɔɑɯzʰ j ɑɯɑsj ʜj ʔ fɳʂɔ[j , tsɑⱺlzɔj tɷj ɑzⱺ, ɰlsts ɑʒʳ fɳɡɯ ts ɑɷ ɑʒɔtsʟɑɯʢⱺɑzⱺfɳɰɑʒsfɳʂtsʷlsj ɑzɷ ɑɯs. ʊts, ɰlsts tsɑzⱺɔtɷj ɑʒʷ tsls ɔtɷj ɑʒj ɑɯɑ[ts ɑɷ ɑʒɔfɳʃtsɑʒ[ɑzⱺɑzⱺ] ɔtsfɳʂfɳʂⱺɑzⱺɔɑɯɑ[ɔⱺɑzⱺɔ tʃⱺɑʒʷlsɑ[, ᴵ lstsɠts tsɑzⱺ] ʢtsɑɷ ɰɑɯs, ɑɷ tʃtsɑʒɑɯɑ[ls (Bernheim, 1886, tɷ. 86).

ɀ ⓪ɑɯzʰ t ɑ[ʰ j fɳɰ[ɑ[lsⱺ] ls, ɰlsts tʃtsfɳʢtsɑzʢlz ɑzⱺᵝ tɷⱺʟlzɑʒtʃtɷtsʜtsɑzɰ] ⓪lsʷ lzɑʢɳɰ[ɑ[tɷtsɔⱺlsᴵ ɔɑɷ ʟⱺɔɑ[fɳɡ[ɑ[ɑʒsfɳʂɑ[tslsls lstsɠts, tsʙtɷⱺᵝ ⓪j ɑʒʂɑʒ ɑɯs ɔ ʜⱺɑɯzʰ ʔ ɑʒtsɑʒ j ɑɯs ɔɑɯ[ɑʒⱺɑɯ[j ɑzⱺlstsls ɑ[ɑɯ[ɑ[ɑɯs ʔ tsʙʲ j ʢls ɑ[ɑɯ[ɑɷ j ls, lsts j fɳʂᴵ tsɑzʜj ʔ fɳʂɔlzj ls ɑ[ʙj ʟ ɑzⱺᵝ j ɠts fɳʂʟɑzⱺɑɯɑ[ʷ, lsts ɑɷ j ls ɑɯɑ[ɰj ɠts lzʜɑ[ɔɑ[lsj ɑzɷ ɑɯsɠts ɔ lstsɑʒ ɰlsts ɔtɷj ɑʒʷ tslsfɳɰ[ɑ[lsʳ ɔ⓪j ls ʙj fɳʂfɳʂʟɑzⱺsj ɑzɷ ɑzⱺᵝ tʃⱺɑʒʷlsᴵ . ʂ ʢⱺɷɑ[ɑʒ tsʙtɷⱺʟtsɑʒɑ[ʢⱺɷ tsɑɯs ɑ[ʟɑʒj tɷʷj lsfɳʸ, tsfɳ

ʃ ɑʃ⊐Oɑʃdzzˌ tsʔʷ₩ɻls

ʕGʕ ʙlzɢʰlstsɘtʃtsɑdzʉsɑʒfɳʂʟɑʎOʉzɳɑʃ, ⊐tslsʷɘlstslsxɬɻ ɑʒʃɑʃɢʟOʓʳ ɘOʸ lstsʙꜜlstsɑʒ ɾ tɑʓɢʰɑʃɻ tʃtɑɑʃ ɘʳ tʃtsɑdzɻɑdzɳɑʃɑ ɘɑʓʓʰ ɻ ɑʒɳʷ fɳʂtɑɻɑʒʷlsfɳʸ ɘɪʃGfɳʂʳ ɘ ɢɑʃtʃɑʓʉsfɳʂɑʒʒʎOʉzʓʙlzɑʓɳʟɑʒ ɑʃ lstsɢʰHOtʃtsfɳɑʃɻ tɑɻOʉzɳʟOʉɳɑʃɑʃ ɘɑʓʓʰ ɻʰ ɑʃʷ ɑʃ⊐ ɑʓʉsʰtsɘʳ ɘtsʜɑʃlsꜟ tslslslzʜO ʀ ʟ tʃtɑɻʜɑʓsɬɻɑʓʓʉsʔ ɢɑʃ-tʃtslsɻʟᴶ ts! ɬ ᴶɻtɑOɾ Oʉzɻ fɳɑʃɻʜlzɻls, ʋʅstsɘɑʓʓʰ ɻɑʓʓOʸ ɑʃʜɻʷ ɑʓɻ ɑʃfɳɻɳʟOɻlsɑʃtʃᵍ fɳɑʃɻ tsʕtsɑzɳOʉzɳɑʃʷ ɢɑʃtʃɑʓʉsfɳʂɑʒʒʎOʉzʓʙlzɑʓɳʟɑʒOˌ ⊐tslsʷ fɳʏʙʲ ɻʕls, tʃts-ɘɑʃʜ\ɑʃɑʒtsɑʒʒz, ʟOʙʳ ɑz ɑʃ ɑʓɻ fɳʂʟɑʎOɻlsɻɻ; tsɑʎOfɳʂ⊐tɑOʉzʷɻlsfɳʸ ɑʃ tɑOɘɑʃlsOɻlsfɳʸ, ɑʎO⊐tsʜʷfɳ tʃtsʜ ɑʒstɑɑʒʒOʉzɑz ɑʒ fɳʂʟɑʎOʉzɳɑʃɻ ɑʒɑʃ ɘɑʓɻ fɳʂʟɑʎOʰ ɑʃʷ. ʀ ɑʒsɢʰOtsɑʎOʜtsfɳʂɑʃɢOɻlstʃtsɑdzʉsɢtstɑ tɑOɘɑʃlsɑʃʷ ɑʃ ɘʳ ʟʳ ɘOɻlsɘʰ ʰ tsɑdzɻɑdzɑʃɻ ɘɑʓʓʰ ɻɑʎʒsɢtstɑ OʕlsOˌ ɑʓɻ tʃtɑtsɑdzɑʃʕOʸ ɘ tsʙʳ ʋɥɑʒsɻ fɳʂʟɑʎOʰ ɑʃɻ; ɑʃɑʒsɢʰOɬɻ tʃtɑɑʃ ɘʳ tʃtsɑdzɻɑdzɑʃɑʃ ɘɑʓʓʰ ɻɑʎʒsɢtstɑ ʜɻʔ fɳʂɘɑʃʷ ɬ lsfɳʸOɑʃʜɻʷ tʃtɑtsɑdzɑʃʕOɻlsɑʎOʕʕtsɻ -lstsɘtɑɻɑʒʷɘɑʒsɑtɑʒʒOʓzɑʒsɻ fɳʂ-ʟɑʎOʉzɑʃfɳɻɑʃɑʃɻɻ ɑʃɑʃ ɘɑʓʓʲ ɘʳ ʟʳ ɘOʸ ʙtsɑdzɻɻ ɑʃɑʃɑʓ ɑʓɻɻ tʃtsɑdzɑʃɑʃɑʃ ɑʃ ɑʃɑʃ ɑʓɻɻ ɑʃɑʃ ɑʃ tʃtsɑdzɑʃɑʃɑʃ ɑʃɑʃɑʃ ɑʃɑʃɑʃ

Ранее мы уже говорили о том, что в основе любого языка лежит определенная система звуков, которая является его фундаментом. Эта система звуков называется фонетической системой языка. Фонетическая система языка состоит из гласных и согласных звуков. Гласные звуки образуются при свободном прохождении воздуха через ротовую полость, а согласные звуки образуются при преграде, которая создается органами речи на пути воздуха. Гласные звуки могут быть ударными и безударными, а согласные звуки могут быть твердыми и мягкими, звонкими и глухими. Фонетическая система языка является основой для изучения грамматики и лексики языка. Без знания фонетической системы языка невозможно правильно произносить слова и понимать их значение. Поэтому изучение фонетической системы языка является первым шагом в изучении любого языка.

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ʦʣʦ ʤʦʞ ʝ ls lsʘʢ ʢʦɘʘʨʣʦ fŋʦʙʤʘʥ ɘʘsᴵ ʣʘfŋ ʂ ʘʢ fŋʘʟʘʣʘʣʛʣɖʡ fŋɖʡ ʧ fŋɖ꞊ɖʘsʨ ɖʬ ɖʣʦfŋʦʬ -
ʧʦʟɖlsɖɘɖfŋs ʇ ʝ ʣʨɖ ʄ ʦʜʝ ʣɖ: ç ʃ ʶ ʜɖ, ʜlzʤʘʳ ʱ ɖʝ ʦfŋʝ lsɖlsᴵ ᴵ ɘʝ fŋ fŋsʨʦʡ ʜlzʰ ʝ ɘʣʦʡ ʜʝ ʷlsʝ ʣ ʣʦfŋsɖ
fŋʝ lsʦʤ fŋʦʙ fŋsɘʝ ʣʣʦʛʦ fŋʦʟʣʘʣɖʷ, ʧʦ꞊ʦʞ ɖ ʣʘʣ ʜʝ ʡ, ʢʦlsʦʨʳ ʝ ʟʘ꞊ʦlsʝ ʣɖ ʙʳ ʦfŋʝ lsɖlsᴵ
ɘʝ fŋʝ ʣʝ ʣʣʶ ʣʦʮʣɖʢʦʤè (ʄ ʦʜʝ ʣɖ, 1871, fŋ 15).

çʇ ʘʟɘʝ ʤʦʞ ʝ ʤʤʳ ʧʘs ʧʨɖʛʣʰ ʝ ʣʣʦʤz, lsʦ lslzls, lsʦ lsʘʤʨʘʟʜʘʳ ʱ ʝ ʤzfŋʷ fŋslzʢlz ʣʦʧʘsʛʛʳ lzʛʘʜʘsᴵ,
ʢlzʜʘɘʝ ʜʝ ls fŋʦʶ ʰ lsʦʣ ʣʳ lsʦls ʧʦʜʟʝ ʤʣʳ ʡ lsʨzʞ ʝ ʣɖɖʢ, ʮlsʦ ʢʦʧʘʝ lsfŋʷ ɘʣlzlsʨɖ ʢʘʞ ʜʦʛʦ ɖʟ ʣʘfŋ
ʂ lsʦ ɖʟ ʣʘfŋʣʝ ʮlzɘʝ fŋsɘlzʝ ls, ʢʘʢ ʝ ʛʦ ʧʦʜlsʘʣʢ ɖɘʘʝ ls ʮlsʦ-lsʦ ɖ lsʷʣʝ ls ʟʘʨzʢʘɘ?è ð lsʘʣʢ ʧɖʰ ʝ ls ʇ.

ʄ ʝ ʣɘɖʣz (ʄ ʝ ʣɘɖʣz, 1962, fŋ 291). ɸ ʊlzʨʛʝ ʣʝ ɘ ɘ çʅ fŋsɘɖè lzlsɘʝ ʨʞ ʜʘʝ ls: ç…lsʦʣ ʢʦ lsʦ ɖ fŋɖʣ ʣʦ ɘ
ʣʘfŋ, ʮlsʦ ʦfŋsʘʝ lsfŋʷ ʜʜʣʷ ʣʘfŋfŋʘʤɖ꞊ ʧʦʣzʧʦʜʦʟʨʝ ʣʣʦʡ lsʘʡ ʣʦʡè (ʊlzʨʛʝ ʣʝ ɘ, 1954, 4, , fŋ 280).

ʅ fŋʦʙʝ ʣʣʦ ɖʣsʝ ʨʝ fŋʣʘs ʣʘʙʣ ʜʘsᴵ ʟʘʧʦɘʝ ʜʝ ʣɖʝ ʤ fŋlzʛʛʝ ʨʝ ʣʜʘ*, ʢʦʛʜʘɘʣlzʰ ʝ ʣʣʦʝ ʜʘʝ ʡ fŋsɘɖʝ
fŋsʨʘʣʣʦ ɖ ʣʝ ʦʙʳ ʮʘʡ ʣʦ ɖ ʦʣzʧʦʜʳ fŋʢɖɘʘʝ ls ʣʦʛɖʮʝ fŋʢɖɖʝ ʦfŋʣʦɘʘʣɖʷ, ʮlsʦʙʳ ʦʧʨʘɘʜʘsᴵ ʝ ʛʦ.

ɹ ʝ ʨʣʛʝ ʡʤɘʣlzʰ ʘʝ ls ʦʜʣʣʦʤz ɖʟ fŋʦɖ꞊ ʧʘʮɖʝ ʣsʦɘ, ʮlsʦ ʧʦfŋʣʝ ʧʨʦʙlzʞ ʜʝ ʣɖʷ lsʦls ɘʦʟᴵ ʤʤʝ ls ʜɘʘ
ʧʘʣ ʮʘɘ ʨʦls. ɟ ʘʮɖʝ ʣs ɘʳ ʧʦʣzʷʝ ls ʧʨɖʢʘʟ ɖ ɘ ʦʧʨʘɘʜʘʘʣɖʝ fŋʦɖ꞊ ʜʝ ʡ fŋsɘɖʡ fŋfŋ ʣʘʝ lsfŋʷ ʣʘlsʦ,
ʮlsʦ lz ʣʝ ʛʦ ʙʦʣɖls ʷʟʳ ʢ, : ʢʦlsʦʨʳ ʡ ʦʣzʧʨɖʢlzfŋɖʣzɘ ʤʦʤʝ ʣs ᶫ ʧɖʣʝ ʧlsɖʮʝ fŋʢʦʛʦ ʧʨɖʧʘʜʢʘʘ ʅ ʝ
ʦʙʨʘʱ ʘʷ ɘʣɖʤʘʣɖʷ ʣʘʝ ʛʦ lzʣʦɘʢɖ, ɹ ʝ ʨʣʛʝ ʡʤɘʣlzʰ ʘʝ ls *i* ʜʘʣʝ ʝ : çɺ ʦʟᴵ ʤɖlsʝ fŋŋʧʦʜʦʢʦʣʣɖʢʘ
ʛʦʨʰ ʦʢ fŋŋʮɘʝ lsʘʤɖ, ʟʘɘʝ ʨʣɖʮlsʝ ɘ ʧʣʘlsʦʢ, ʧʦfŋsʘɘᴵ lsʝ ʣʘʜɖɘʘʣ, ʟʘsʝ ʤʧʦʢʣʦʣɖlsʝ fŋ ʛʦʨʰ ʢlz lsʨʨɖ
ʨʘʟʘè. ʂ ʦʛʜʘɘʣlzʰ ʝ ʣʣʦʝ ʙʳ ʣʦ ɖfŋʧʦʣʣʝ ʣʦ, ʦʣzfŋʧʨʦfŋɖʣz. çʇ ɟ ʦʮʝ ʤz ɘʳ lsʘʢ ʧʦfŋslzʧɖʣɖ?è ð
çɿ ʣʘʝ lsʝ , ʢʦʛʜʘʧʦfŋʣʝ ʧʨʦʙlzʞ ʜʜʝ ʣɖʷ ʷ lzɘɖʜʝ ʣzʛʦʨʰ ʦʢ fŋŋʮɘʝ lsʘʤɖ, lsʦ ʷ fŋʝ ʙʝ fŋʢʘʟʘʣ, ʮlsʦ
꞊ʦʣʦʜʅ ʣʦɘʘsʦ ʝ ʤz lsʘʤɖ ꞊ʦʨʦʰ ʦ ʙʳ ʝ ʤz fŋʦʛʨʝ lsᴵ fŋʷ, ɖʣʘʮʝ ʮɘʝ lsʳ ʧʘsʛɖʙʣzls. ʗ ʟʘɘʝ ʨʣzʣzɖ꞊ ɘ
ʧʣʘsʦʢ. ɿ ʘsʝ ʤ ʧʦʜlzʤʘʣ, ʮlsʦ ʨʘʟ ʜɖɖɘʘʣ fŋsʦɖls ɘʦʟʣʝ ʧʝ ʮʢɖ, lsʦ ʣʘʣʝ ʤɖʤʙlzʜʝ ls lsʝ ʧʣʦ. ɟ ʦʢʣʦʣʳ
ʷʷ fŋʜʝ ʣʘʣzʙʦʣ ʰ ʝ ɖʟ lzɘʘʞ ʝ ʣɖʷ ʢ fŋʝ ʙʝ ʟʘʧʨʝ ʢʨʘfŋʣʣʶ ʤʳ fŋʣz, ʧʨɖɖʰ ʝ ʜʰ lzʶ ʤʣʝ ɘ ʛʦʣʦɘlzè.

ɟ ʦʣɖʤʘʷ, ʮlsʦ fŋsɘʝ ʨʰ ɖʣʢlzʨᴵ ʝ ʟʣʳ ʡ ʧʘsfŋslzʧʦʢ, ʦʣz lsʝ ʤʣʝ ʤʝ ʣʝ ʝ , ʣʝ fŋʦʟʣʘʝ ls ʧʨɖʣlzʞ ʜʝ ʣɖʷ, ʘ
fŋsʘʨʘʝ lslsfŋʷ ʤlsɖɘɖʨʦɘʘsᴵ ʝ ʛʦ ʣʝ ʣʝ ʧʳ ʤɖ ʜʦɘʦʜʘʤɖ, lzɘʝ ʨʷʷ ɘ ɖ꞊ ʣʦʛɖʮʮʣʦfŋsɖ.

ʀ ʟɘʝ fŋsʣʳ ʡ ʨʦfŋfŋɖʡ fŋfŋɖʡ ʛɖʧʣʦlsɖʟʝ ʨʅ . ʀ . ʌ ʝ ʣ ʜʤʘʣzʨʘfŋfŋʘʟʳ ɘʘʝ ls, ʮlsʦ ʦʜʣʘʞ ʜᴵ ᴵ ! ʝ ʛʦ
ʧʨɖʛʣʘfŋɖʣɖ ɘ fŋʝ lsfŋʦʝ ʦʙʱ ʝ fŋsɘʦ

* ʀ fŋʧʳ lslzʝ ʤʳ ʡ ɘʦ ɘʣlzʰ ʧʝ ʣʣʦʤfŋsfŋsʦʷ ʣɖɖ.

ɖ ʧtsʧtɕtsfɡʃdʑʃ ʧtɕtsʜȷ dʒsdʑfɲstɕʃtɕtsɘ͡ʘlsᴵ ʮlsts-lsts ɖdʑsȷ tɕȷ fɡdʑsȷ . ʌ ȷ dʑ ʜdʒ͡ʘdʑʟ͡ʘdʒ lsɖdʑdʑ ɘʟtɕ͡ʘʮdʑsɢts ɖ fɲtɕtsdʒdʑsɢts fɲslzʜȷ dʑs͡ʘ, ʢtslststɕʳ ʡ ʟ͡ʘʙɖdʑfɲʷ ɘ lzɢtsdʑ ʙtsʷfɲ ɘʳ ʡlsɖ ʢ tɕtsfɲʢtsʰ dʑsʡ ʧlzʙdʑɖʢȷ . ʉ dʑɖdʒ-lsts tsdʑ ɖ tɕȷ ʰ ɖdʑfɲ ɢtɕ͡ʘlsᴵ ɘȷ fɲȷ dʑzʶ ʰ lzlsʢlz. ʆ dʑɘdʑzʰ ɖdʑɘ ɢɖʧdʑsfɲsdʒdʑ͡ʘdʒ-ʙlzdʑɖʟdʒ ʢtɕ͡ʘfɡʃɘtsʡ ʙ͡ʘtɕʳ ʰ dʑ, ʮlsts ʮȷ tɕȷ ʟ 15 dʒɖdʑzlsʧtsfɡdʑ ɘʳ ʬtsʜ͡ʘɖʟ dʑɢts tsdʑ͡ʘʧtsʮȷ dʑzȷ ls fɲslzʜȷ dʑs͡ʘ. ɹ ͡ʘtɕʳ ʰ dʑʷ tslsʢtɕʳ dʑ͡ʘɢdʑ͡ʘʟ͡ʘɖ fɡʃʜɖls ʢ͡ʘʢ dʑʃ ɘ ʮȷ dʒdʑ ʙʳ ɘ͡ʘdʑs. ʂ tsɢʜ͡ʘʧtsʜtsʰ dʑs dʑ͡ʘʟdʑ͡ʘʮȷ dʑdʑsȷ ʜdʑʷ ʧtsʮȷ dʑzʷ ɘtɕȷ dʒʷ, tsdʑ͡ʘɘʜtɕdʑɢ fɲs͡ʘdʑ͡ʘ tɕ͡ʘfɲʢ͡ʘʟʳ ɘ͡ʘlsᴵ ʢ͡ʘʢlzʶ -lsts ɖfɲststɕɖʶ ts fɲʧ͡ʘfɲȷ dʑɖɖ lzlstsʧ͡ʘʶ ʰ ɖʬ ɖʟ dʒstɕfɲʢtsʡ ʧlzʮɖdʑ . ɻ ȷ tɕtsȷ dʒ lstsɢts tɕ͡ʘfɲʢ͡ʘʟ͡ʘɘʳ fɲslzʧ͡ʘdʑfɲʢtɕtsdʒdʑ ʡ fɲslzʜȷ dʑs. çʢ lsts dʑ͡ʘfɲstsʷʰ ɖʡ ɢȷ tɕtsʡ,ð ʟ͡ʘʢtsdʑʮɖdʑ͡ʘfɲtsʡ ʧ͡ʘlsȷ lsɖʮȷ fɲʢɖʡ tɕ͡ʘfɲʢ͡ʘʟ ʙ͡ʘtɕʳ ʰ dʑʷ.ð ʂ ͡ʘʢtsʡ ɘʳ dʒɖdʑ ʡ,ð ʧtɕtsʜtsdʑ ͡ʘdʑ͡ʘtsdʑ͡ʘ, dʑs lzʞȷ tsʙtɕ͡ʘʰ ͡ʘʷfɲ ʧtɕʷdʒs ʢ fɲslzʜȷ dʑslz. ð ʂ ͡ʘʢtsʡ ɘʳ fɡdʑ͡ʘɘdʑ ʡ, ɘtsls ʟ͡ʘ lsts ʷ ɘ͡ʘfɲfɲȷ ʡʮ͡ʘfɲɖ ʧtsʮȷ dʑzʶ .ð ʆ dʑ͡ʘtsʙʬɘ͡ʘlsɖdʑ͡ʘtɕdʑʢ͡ʘdʒɖ ɢtsdʑsɘlz fɲslzʜȷ dʑs͡ʘɖ ɢtstɕʷʮts ʧtsʮȷ dʑsɘ͡ʘdʑ͡ʘlstɕɖ tɕ͡ʘʟ͡ʘð ʢ lsts ɘ͡ʘdʒ dʑ͡ʘɢtɕ͡ʘʜ͡ʘʟ͡ʘʙdʑ͡ʘɢtstɕtsʜdʑ ʡ ʧtsfɲslzʧtsʢè,ð dʒslsɖɘɖtɕtsɘ͡ʘdʑ͡ʘtsdʑ͡ʘfɲtsʡ ʧtsʮȷ dʑzʡ, ɖ ɘʟɢdʑʷʜ ȷ ȷ ʙʳ dʑʧtsdʑsdʑʮlzɘfɲsɘ͡ʘʙdʑ͡ʘɢtsʜ͡ʘtɕdʑsfɲsɖ. ʂ tsɢʜ͡ʘȷ ȷ fɲʧtɕtsfɡʃdʑʃ, ʢlsts tɕ͡ʘfɲʢ͡ʘʟ͡ʘdʑȷ ʡ tsʙ lstsdʒʧtɕtsɖfɲ ȷ fɲsɘɖɖ, ʜȷ ɘlzʰ ʢ͡ʘlzʢ͡ʘʟ͡ʘdʑ͡ʘdʑ͡ʘʧtsʜtɕdʑɢlz. ʊ͡ʘ ɘtsʟdʒzʰ ȷ dʑdʑs dʑ͡ʘʟɘ͡ʘdʑ͡ʘ lsts ɘʳ dʒ fɡdʑsdʒ tsʜdʑ͡ʘʢts lsts dʑʃʮlzlsᴵ dʑ fɡdʒlzlsɖdʑs ʙ͡ʘtɕʳ ʰ dʑ (ʌ ȷ dʑ ʜdʒ͡ʘdʑ, 1910).

ʉ dʑ ʜlzʶ ʰ ɖʡ ʧtɕɖdʒ tɕ ȷ ʰ ȷ ʷtɕʮȷ ʧtɕtsʷɘdʑʷȷ ls ʧtɕtsʙdʑ dʒlz. ɾ ȷ dʑ ɖdʑ ɘ ʧȷ tɕɘtsʡ fɲȷ tɕɖɖ tsʧʳ lstsɘ ʙʳ dʑs ɘdʑzʰ ȷ dʑs, ʮlsts ʧtsfɡdʑ ʧtɕtsʙlzʞ ʜȷ dʑʃʷ tsdʑ͡ʘɘtsʟᴵ dʒ ls fɲs fɲstsdʑ͡ʘʢdʑʃɢlz ɖ ʧtsfɲs͡ʘɘɖls dʑ͡ʘʧtsdʑʢlz. ʅ ͡ʘɘtsʧtɕtsfɲ ʧtsʮȷ dʒlz tsdʑ͡ʘ lsts fɲʜȷ dʑ͡ʘdʑ͡ʘ, ʧtsfɡdʑ ʜtsɘ͡ʘdʑtslsɘȷ ls: çʊȷ tɕʧȷ lsᴵ dʑ dʒsɢlz ʙȷ fɲʧtstɕʷʜʢ͡ʘ, ʢdʑʃɢ͡ʘʜtsdʑʞ dʑ͡ʘ fɲstsʷlsᴵ dʑ͡ʘʧtsdʑʢȷ , ʧtɕɖʰ dʑsfɲ lslzʜ͡ʘȷ ȷ ʧtsfɲs͡ʘɘɖlsᴵ è. ɟ tɕɖ dʑsɘtsdʒɘdʑzʰ ȷ dʑʃɖ, ʧtsdʑsʞ ɖlsᴵ ʢdʑʃɢlz fɲ ʧtsdʑʢɖ ʧtsʜ ʢtɕtsɘ͡ʘlsᴵ , tsdʑ͡ʘdʑ͡ʘlstsls ʞȷ ɘtsʧtɕtsfɲtslsɘȷ lsɖdʑ͡ʘ çʆ dʑ ʧtɕtsfɲsts ɘʟʜlzdʒ͡ʘdʑsfɲ lsts fɲʜȷ dʑ͡ʘlsᴵ è. ɺ lstɕȷ lsᴵ ȷ ʡ fɲȷ tɕɖɖ, dʑ͡ʘɘtsʧtɕtsfɲts dʒslsɖɘ͡ʘʬ ȷ ȷ ʧtsfɲslzʧʢ͡ʘ, ʧtsfɡdʑ ʜtsɘ͡ʘdʑtslsɘȷ ls: çʆ ȷ dʑʷ lstsʮdʑs ʧtsʜdʒ ɘ͡ʘdʑs, ʷ ʜtsdʑʞ dʑ͡ʘʙʳ dʑ͡ʘ lsts fɲʜȷ dʑ͡ʘlsᴵ è.

ɺ ʜɘlzʬ ʧȷ tɕɘʳ ʬ fɲȷ tɕɖʷʬ tsdʑ͡ʘdʑ fɲsʟdʑ͡ʘɘ͡ʘdʑ͡ʘ, ʮlsts ʧtɕɖʮɖdʑsʡ ȷ ȷ ʧtsɘȷ ʜȷ dʑɖʷ ʙʳ dʑs ɘdʑzʰ ȷ dʑɖȷ , ʧts lstsdʒlz ʧtsʜʳ fɲʢɖɘ͡ʘdʑ͡ʘtɕ͡ʘʮɖtsdʑ͡ʘdʑ dʑsȷ tsʙʲ ʷfɡdʑ dʑɖȷ . ɺ lstɕȷ lsᴵ ȷ ʡ fɲȷ tɕɖɖ ʧtsfɲsfɲsdʒdʑ͡ʘdʒʙlzdʑɖʮȷ fɲʢtsȷ ɘdʑzʰ ȷ dʑɖȷ tsfɲsʟdʑ͡ʘ lsfɲʷ, ʟdʑ͡ʘʮɖls, tsfɲlzʰ ȷ fɲsɘdʑʷȷ lsfɲʷ ʧtsʜ ʢtsdʑstɕtsdʑ dʒ fɲsʟdʑ͡ʘdʑʃʷ. ʢ lsts, ɘ fɲtsʶ tsʮȷ tɕȷ ʜᴵ , ʧtsʢ͡ʘʟʳ ɘ͡ʘ ls, ʮlsts ɘɘȷ ʜȷ dʑdʑ͡ʘʷ ɘ fɲsdʒdʑ͡ʘdʒʙlzdʑɖʟdʒ ɖdʑfɲstɕdʑʢʮɖʷ ʧtsʙlzʞ ʜ͡ʘ ls ʢ ʜȷ ʡ fɲsɘɖʶ , dʑ fɡdʒslstɕʷ dʑ͡ʘ tsfɲsʟdʑ͡ʘdʑʃȷ ͡ʘʙ fɲlztɕʜdʑsfɲsɖ ʧtɕtsɖfɲʬtsʜʷʰ ȷ ɢts.

ʐ ͡ʘtɕdʑ ʈ ɖʰ ȷ ɘdʑzʰ ͡ʘ ls ɹ ȷ ͡ʘlstɕɖfɲ çɟ tɕtsfɡdʑzɘʰ ɖfɲ, ʧtsdʑsʞ ɖlsȷ ʧtsʙtsdʑ ʰ ȷ fɲ͡ʘʬ͡ʘtɕ͡ʘɘ fɲtsʡ ʮ͡ʘʡè.

ɟ tsʜ͡ʘdʑʃ ʮ͡ʘʡ. ɹ ȷ ͡ʘlstɕɖfɲdʑ͡ʘfɲ ʧ͡ʘdʑ͡ʘ

∫ ɑ[ʏ Θɑ[ɑzz¸ ts?ʷʷ j ls

ʧtsɑɑɑzᵍ ʮ(ᴵ ʕlz fɳʒ-ΘɑΘ· çʏ 1lsts ᶣ lsts əʳ ʜj ɑɑ¸ lsj ?è ð fɳʃtɑΘᴵ ɑəΘᴵ ls j j . çʂ ɑɑΘ·ʜz fɳʒ-Θɑè.ð çl ts əʳ ʕɑɑΘ·ʜj lsj fɳɑɑ[ʰ ʕtsɑʒɑʒɑɑsɑᶜtsè.ð çʏ lsts ʏ ls·ʕtsɑᶜts?è ð ʀ tsɑɑΘ·ʧtɑfɳʦʜtsɑɑʏ¸ ls ʕɑɑ·fɳʦᴵ fɳʒ-Θɑc. l Θ·?ʜʷ fɳʚts? ʮ(Θ? tslsətɑΘ·sɑ[lsj ɑɑ ɑɑ ɑʒ OHai tslslstsɑʕɑ-fɳʦʜtsɑɑΘ·ʮ(ᴵ ʕlz fɳʦ fɳɑɑtsəΘɑʒɑ[: çʏ lsts ʧtɑɑ[ʕΘʏ j ls j ʜj ɑɑ¸ lsj ɠɑɑzʧtsfɳʦʲ ! l ts tɑΘ·ɒəj əʳ ɑɑ[ʕtsɠʜΘɑɑ ʜj ɑɑ¸ lsj ɠɑɑzʧtsfɳʦʲ ?? è

ɹ fɳɑɑ ʜlzᵍ ʃʰ j ɑʒtstʧʳ lsj ʇ ɑ[ʰ j j ? əɑɑzʰ G¸ ls: ç↴ tsfɳɑɑ ʧtɑtsʙlz ʏ ʜj ɑɑ[ʷ ətsLᴵ ɑʒɑ[lsj ɑɑsfɳʦəts? ʰ ɑ[Θstsʕ lzɠ-ɑɑΘ ʃ . ɑ[ʙtɑtsfɳ lsj j ɠts ə tsɠtsɑɑ è. ɹ ʳ ?ʜʷ ɑ[L fɳʦɑʒɑɑΘɑɑʦlzɑɑ[Lɑʒʰ , tsɑɑΘʧtɑtsfɳɑ[ls, ʮ(ststsʙʳ ʃ . ʜΘɑɑz¸ ? ʧɑɑΘstsʕ. çɸ ʮ(sts, j fɳɑɑ[əΘᴵ ʧɑɑΘ·ɠɠtsʕ fɳɠtstɑ[ls? è ð fɳʃtɑΘᴵ ɑəG¸ ls tsɑɑΘ¸ j ɠts. çʂ Θʕʙʳ ɑ¸ lsΘʕ!è ð çl j ʜtɑΘ·Lɑɑ[lsj ɑʒj ɑzʷ, ɑ¸ lsts LΘ-tsʮ(z ɑ[ʙtɑtsʰ lz ə tsɠtsɑzè.ð çɾ ɑ[ɑ¸ ʧtsɑʒ Θᴵ ɑzʷɑzəΘɑɳʜtɑΘ·Lɑɑ[lsᴵ , tsʜɑɑΘʕts tslsʜΘ?lsj ɑʒɑ¸ ʧɑɑΘstsʕè.ð çɸ , əʳ lstɑtsʜtsɑɑ G¸ lsj ɑʒj ɑzʷ ʜtɑΘ·Lɑɑ[lsᴵ , lsΘʕ ətsls ʏ j əΘɑʒð ʀ ʧɑɑΘstsʕ ɑ¸ lsɑ[ɠɠ ə tsɠtsɑz.ð ʂ tsɑ¸ ʮ(ɑts, ᶣ lsts ɠɑɑzʧts. l ts LΘ·ʮj ɑʒəʳ ɑʒj ɑzʷ ʜtɑΘ·Lɑɑ[ɑɑ[?! ʇ Θ·Lə j əʳ ɑ¸ LɑɑG¸ lsj , ʮlsts fɳzɑʒΘɳʰ j ʜʰ ɑ[ɑ¸ ɑ¸ fɳɑ¸ ʜlz¸ ls ʜtɑΘ·Lɑɑ[lsʰ ?..è

ɻ tɑɑ[əj ʜj ɑɑzz j ʧ tɑɑ[ɑʒj ;tɑᶜ ð ɑtstɑtsʰ Θʷ ɑ[ɑɑzz fɳstɑΘ·ʮɑ[ʷ ɑʒ fɳɑɑ[ʂ tsɑɑʜɑ[ɑɑz ʷʕΘts lstsɑʒ ʮlsts <çɑɑz ʙtsj ɑɑΘᴵ j tɑ¸ ʰ j ɑɑ[j ʧtɑɑ[ɑɑ[ɑʒG¸ lsɳʷ ʧtsʜ ətsLʜ¸ ?fɳʦəɑ[j ɑʒɑ¸ ʕɑ[ɑɳɳʕtɑᶜ ls ɑ ʷ Θʕlststɑtsə, ʙtsɑ¸ j əj fɳʦɑʒ ɑ, ʮj ɑʒ lsj ɑʒslsɑ[əʳ , ʕtslststɑᶜ j ɑʒ fɳΘɑʒɑ[əʳ ʜəɑ[ɠG¸ ɑʒʜɑzʷ tsʙʲ ʷfɳɑ¸ ɑɑ[ʷ ɑzΘᴵ ɑ[ɑ ʧtsfɳʦlzʧʕtsəè. ʂ tsɠʜΘ·ʮj ɑɑsəj ʕ ʙtsɑzʰ j əfɳj ɠts lzʙj ʞ ʜj ɑz¸ ʮlsts tsɑzɠtsətsɑ[ls ɑ[ʜj ?fɳʦəlzj ls j j ʧtsɑɑɑs? fɳʚtsʙtsʜts? ətsɑ[? ɻ ts ɑʒɑ¸ ɑɑ[ʁ Θɑɑzɠɑɑzɑ[? fɳʕtsɠts ətɑΘ·ʮΘ·ʧfɳɑ[ɑ:ɑ[ΘstɑΘɑ[ʷʷ ɑ[ɑɑsfɳʦʷ Θ·ʧtsLɑ[ls[əɑ[fɳʦΘ·ʮ¸ j ɑzɑɑ[ʃ tsHj ɑɑ[(1835ð 1918):: çᵓtsɠʜΘ·ʕtsɠʜΘtsɑzʧᴶ ʷɑz¸ ʕtsɠʜΘtsɑzɠɑɑzʧ ɑ[ɑɑ[ʕtsɠʜΘtsɑzʦtɑ¸ ʜɑ[ls. l j , ʜtsʕΘʮʳ əG¸ ls ɑɑ[ᴶ lsts,ð fɳʃtɑΘᴵ ɑəG¸ ls Θəlststɑc, ð ʮlsts ʮj ɑɑsəj ʕ, ʮj ɑʒ(ʙtsɑ¸ j tsɑzɑtɑΘʙ, lsj ɑʒʙtsɑ¸ j fɳʕɑɑsɑ¸ ɑzfɳɣɑ[lsΘʲ fɳj ʙʷ fɳʚtsʙtsʜtsɑz ɑʒè (Maudsley, 1879, tɑ. 409).

ɻ tsʕΘ·ʞ j ɑʒ ʮlsts ʧtsfɳʦɠɑ[ʧɑ[ɑɑslsɑ[ʮj fɳʕtsj əɑɑzʰ j ɑɑ[j ɑ¸ ʷəɑzʷ j lsfɳʸ ɑ[fɳʕɑz ʮɑ[lsj ɑz ɑɑsʔ ʧtɑ¸ tɑtsɠΘʲsɑ[əts? ɠɑ[ʧɑɑsfɳʦsɑʒɑɑΘɑʦlzɑɑ[LɑʒΘ·ɾ -tɑʂ ɑɑstɑtɑɑ[əʳ ɑ¸ ʮɑ[ɑzts ʲ Θɑʕtɑɑ[ɑʒΘ·tsʜɑɑz ʧΘʮɑ[j ɑɑsʕlz. ʏ j tɑ¸ L ɑ¸ ʕtslststɑtsj ətɑ¸ ɑʒʷ tsɑzlzLɑɑ[ɠ¸ ls, ʮlsts əɑɑzʰ j ɑɑ[j ʧtslsj tɑᶜʷɑɑs fɳʃɑɑz. ʃ ʕΘLΘɑɑsfɳ , ʮlsts j ʔ ʧtɑ[fɳʚɑ[ɑɑ[fɳ fɳj fɳʦtɑΘ ʕtslststɑΘʷ fɳʦΘɑɑΘlzʙj ʞ ʜΘʲ , ʮlsts əɑɑzʰ j ɑɑ[j lzʞ j ; ɑ¸ ɑʒsʞ j ls ts ʕΘʳ əΘʲ ɑɑΘ·ɑ¸ j əɑɑ[ʷɑɑ[ʷ. l Θfɳʚ¸ ʜlzᵍ ʃ j j ʞ j lzlstɑsʰ Θʮɑ[j ɑɑsʕΘʧtsʮlzəfɳʦətsəΘɑɑΘlsʷGlz ʕ Θɑɑtsɠtsɑz , ʧtɑtsʙlzʜɑ[əʰ lzᵍ fɳʸ j j ʧtɑ¸ ʞ ɑ¸ ʔ fɳʃɑɑsʔ . ʉ ɑɑsəɑ[ʜj ɑɑ[j tsʕΘLΘɑɑs ətsLʜj ?fɳʦəɑ[j , ΘɑΘɑɑsGGΘʮɑɑsj əɑɑzʰ j ɑɑ[ᵍ ətɑΘʮΘ(ʂ ʧtsGGlz, 1885).

l Θəj tɑɑtsj , ɑʒɑɑsɠɑ[ɑʒʰ tɑ[ɑ-tsʜɑ[ɑɑsfɳ LΘɑj ʮΘlsᴵ , ʮlsts ʧtɑtsɑ[fɳɑ-tsʞ ʜj ɑɑ[j ɑ¸ ʕtslststɑᶜ ɑ-ʧtsʙlzʞ ʜj ɑɑ[ʔ ɑ¸ ʕtsɑ[ɑɑsfɳ lz ɑɑfɳlsΘ

[illegible] 1895 [illegible]

[illegible] (…, 1885, [illegible] 376).

[illegible] (Richet, 1884, [illegible] 254–255).

ʌ tɛ⊙dzɑɻlzLfɲʃɑʔ ʷ ʷ ɑʃɑdzsfɳtsʷ ɑ fɳtsɻɑʃtsɑdzsɠʀ tʃ tʃ tsɑdzɑʃls ɸ ʜtsɑdzʷ ʷ ʊ⁻ɻ dzʃtsʕ⊙Lɑdzɻɻɻstsɻzʃtstɛʷʜtsɻɻ dzɑʃɻ ʷ ʷ ⊙ʕlstsɔ ɔ dzʕᵍ ɻ dzʒʙɻ fɳfɳtsLdzʕ⊙lsɻ dzɻ dzɑsdzʒtʃtɑɻ ʜfɳlsʕɔɑdzʸɻ ls fɳtsʙtsʔ ʜɑʃɑdzʕ⊙dzʒʃɑɻɻ fɲʃɑʔ tʃtɑtsɻɻ fɳfɳ¸ ç⌊ ʰ lzʰ ɻ dzɑʃɻ,ð ɠtsɔtstɛɑʃls ʊ⁻ɻ dzɻð tsʏ ɑʃɔ⊙ɻ ls ɔ tsʙtɛ⊙Lɻ ; ɻɻ dzʒ fɑʃɑdzɻ dzɻɻ tsʰ lzʰ ɻ dzɑʃɻ , lsɻ dzʒʷtɛɻɻ tsʙtɛ⊙L. ⌋ fɳɻ , ɻɻstsɔtsLdzɑʃʕ⊙ɻ ls ɔ tʃɻtɛɔtsdzʒ fɳtsfɳstsʷdzɑʃɑʃ, ɑʃdzɻɻ ls dzʒ fɳstsɑʃɔtsɔ ɔtsɔtstɛɑtsdzʒ tʃtsfɲʃtsdzʕlz ɔlststɛɑtsɻ ɻ fɳʃᵘ dzɑʃʰ ɻ ɔtsLtsʙdzɑsɔdzɻdzɑʃɻ tʃɻtɛɔtsɠts.

ɻ tsʜtsʙdzɑs⁻ɻ lstsdzʒz ɔ lstsʔ ʙtstɛᵘ ʙɻ Lʘfɳzʰ ɻ fɳʃɔtsɔ⊙dzɑʃɻ , ʕtslststɛdzᵏ ɻ ʏ ɻ dzʒɑʃdzzlsdzɑs ɔɻ ʜlzls dzʒɻ ʏ ʜlz fɳtsʙtsᵏ tɛ⊙Ldzɑʃɑʃdzzɻ ɻ tsʙtɛ⊙Lʳ , ɑʃdzʒɻ dzɑdzɑs tsʙtɛ⊙L, ɑʃLdzɑ⊙ɑʃ⊙dzz dzɑs dzɑ⊙ɻɻ dzɻ dzɑdzz ʔ ʙtsdzʰ tsʔ ⁻ɻ dzɻ tɛɠɑʃɻ ʔ, tsʙdzʘʜ⊙ɻ ls ɔ fɑʃɑdzz tʃtstɑtsʜɑʃɔʰ ɻ ɠts ɻ ɠts Lʘʕtsdzɑ⊙tʃtsɔlststɑɻ dzɑʃʷ fɳʃtsfɳtsʙdzɑsfɳʃsᵏ ɔ dzʳ ʙtsdzʒʕtsdzʷdzɑʃʕlsɻ ɔʳ lsɻ fɑʃdzʸls fɳɻtsʃ⌐ fɳtsʃɻ tɛdzɑʃʕtsɔ. ⌋ tsls tʃtsɻɻ dzɻz tsdzɻfɳɑ⊙Lz ʏ ɻ ɔtsLdzɑʃʕ⊙ɻ ls ɔdzɑsɔʷ ɑʃ Lʘlsɻ dzʒ ɻ⊙fɳʃsts tʃtsɔlststɛʷɻ lsfɲʸ, tʃtsʕlzʜ⊙ Lʘʕtsdzɻ tʃtsfɳsɻ tʃɻ dzɑdzɑsɠts lzɠ⊙fɳ⊙dzɑʃʷ ɑʃ tʃtsfɳʃstsʷdzɑdzɻ ʔ dzɑ⊙lsɑʃfʕ dzɑsɔʳ ⌐ ɔtʃɻ ɻ⊙lsdzɻ dzɑʃʔ dzɻ fɳʃʕtɛdzʰ ⊙lsɻ ɠts tʃtɛɑʃɔɑʃdzɻ ɠɑʃɑʃ, ⊙tsʙtɛ⊙Lʳ -fɳʃtʃɻ tɛdzɑʃʕɑʃ, ʜtsʙɑʃɔʰ ɑʃfɲ fɳtsʙtsʜʳ ʜɻ ʔ fɳʃsɔɑʃʔ, dzɻ tsʙtɛɻ lszls dzɑʕtsdzɻ ɻ ɔtsLdzʃsʏ dzɑsfɳʃsᵘ fɳ⊙dzʃsfɳʃstsʷlsɻ dzɻ dzɑsɠtstɛ⊙Lɔɑʃlsɑʃʷè (Tain, 1870). ɻ tsfɳdzɻ tslsʕtɛʳ lsɑʃʔ z¸ . ⌊ ɑʃʰ ɻ ɑʃ ʀ . ʊ⁻ɻ dzɑ⊙ ʙɻ fɳfɳtsLdzɑ⊙lsɻ dzɻ dzɑsɻ dzɑ⊙ɻɻɑʃdzɑ⊙ lsʘɑ⊙fɳɲʃʒ⊙lstɛɑʃɔ⊙lsᵘ fɲʸ ʕ⊙ʕ ɑ⊙ʕlsɑʃɔdzɑ⊙ʸ ɻ⊙fɳʃsᵘ dzɑʃɻɑʃdzsfɳʃsɑʃ ɑʃ ɔdzɻ fɳʃɻ fɲlsɻ dzʒʕ⊙ʕ ⌐ʘɛ⊙dzɑʃdzɑʃʰ ɻ ⁻ɻ dzʒsɻɑʃʔ, lO ʙʳ lsʳ ⌐ ɑʃdzɑʃ ɔʳ lsɻ fɑʃdzɻ dzɑdzz ⌐ ʷ ⊙ʕlstsɔ. ⌋ ʜɑʃdzzɑʃʟ tsfɑʃdzsɔ⊙lsɻ dzɻ ʔ tʃfɑʃ⌐tsdzsɠɑʃɻ fɳʃtsɠts dzɑ⊙ʃɛ⊙ɔdzɻ dzɑʃʷ ɔ lO⊙ʃ⊙ʜdzsʔ fɳsɻɑʃtsdzsɠɑʃɑʃ⁻ɻ ⊙ʙɛɑʃ⁻ɻ dz ʊ⊙ɛʜ, ɔ ɻɑ⊙fɳʃsdzsfɳʃsɑʃ, tʃtsʕ⊙Lɑdzɻ ɻlstsʙɻ fɳfɳtsLdzɑ⊙lsɻ dzɻ dzɑsɻ dzɻ lsɻ tɛʷɻ ls dzɑʃ ɠtɛɑdzʒ⊙fɳɔtsɻʔ ⁻ɻ dzɻ tɛɠɑʃɑʃ ɑʃ ɻlstsʃtɛtsʰ dz ʔ tstʃʳ lstɑɻ ʙɻ dzɑ⊙dzʒsʏ ɻ ls ɔ dzɻʕtslststɛʳ ⌐ fɳdzɻɑ⊙ʷ⌐ tsʕ⊙Lʳ ɔ⊙lsᵘ ɔdzɑʃʷdzɑʃɻ dzɑ⊙ɻɠtsʃtsfɳʃsɻzʃʕɑʃ ɔts ɔLtɑtsfɳdzɑsdzʒfɳtsfɳʃstsʷdzɑʃɑʃ, tsfɳʃsɔ⊙ʷfɲ tʃtɛɑʃ⁻ɻ lstsdzʒdzɻtsfɳʃsLdzɑ⊙ɔ⊙ɻdzʒʳ dzʒ ʊ⊙ʕɑʃɑʃdzʒtsʙtɛ⊙Ltsdzʒ ɔ dzɑ⊙fɳLʘʃɻ ɻɑ⊙lsdzɻ dzɑs, ⌐tslsʷ dzʒ ɑʃ dzɻ tsfɳʃsLdzɑ⊙ɻ dzʒ⁻ɻ lstsɠts, dzʒdzɑsʏ ɻ fɳʃsɔts ɑʃʜɻ ʔ, ʕtslststɛʳ ɻ dzʒ dzɻʕtsɠʜ⊙lzLdzɑ⊙dzɑʃ tslsʜtdzɠɑ⊙ dz ʜɻ ʔ ɑʃdzɑʃ tʃtsfɳʃsɑʃɠdzɑʃ ɔ tʃtɛɑtsʰ dzɑsdzʒdzɑ⊙ fɳʃsʙfɳʃsɔɻ ɻ dzɑdzɑsdzʒtsʃʳ lsɻ ; ɔfɳɻ tsdzɑʃ tʃtɛɑʃfɳʃzlsfɳʃsɔlzᵏ ls ɔ dzɑ⊙ʸ ɻ ʔ tʃfɳɑ⊙ʃɑʃʕɻ .

ç⌋ fɳɻ tʃfɳɑ⊙ʃɑʃ⌐tsdzɑsɠɑʃɻɻ fɳʃɑʃɻ ʟ⊙ʕtsdzʒ ,ð ɠtsɔtstɛɑʃls ɻ ⁻ɻ ɻ tɛɾ ⊙dzɻ,ð ʕ⊙ɻ ʃzlsfɲʸ dzɑsʏ dzʒ, ɻ fɑdzɑ ɑʃ⌐ tsʙdzɑ⊙fɳʃsᵘ tsɠtɛ⊙dzɑʃɻɑʃɻ ɔ⊙ʕɑʃɑʃdzɑʃʷ lstsdzʕts fɳtsLdzɑ⊙lsɻ dzɻ dzʒ ʷɔdzɻ dzɑʃʷdzʒɑʃ, ɔ ʕtslststɛ⌐ ɑʃdzɑʜɑʃɔɑʃʜ tslsʜ⊙ɻ ls fɳɻ ʙɻ tslsɻɻ ls. ⌋ lsʕtsdzʒ fɑdzɻɻ⊙ɻ lstɑʃ ɻɻ lsɔɻ tɑlsʃ ʷɔdzɻ dzɑʃʔ, dzɑ⊙ʙdzʒ ʜ⊙ɻ dzʒ ⌐ ɔ fɳtsfɳʃstsʷdzɑʃɑʃ ʙtsdzɻ Ldzɑʃɑʃdzɑʃɑʃ ʜ⊙ʏɻ ɔ dzɑstɑdzʒ⊙dzz dzɑsdzʒfɳtsfɳʃstsʷdzɑʃɑʃ, tsfɳʃsɔdzɑʃfɲ ʙr dzɻ tsʙʲ ʷfɑdzɑʃdzʒ dzʒʃ. ʃ ʳ tʃtsfɳʃstsʷdzɑdzɑs fɳʃsɔdzʕɑʃɔɑʃ⊙ɻ dzʒfɲʸ fɲ ʷ ʷ ⊙ʕlsɔdzʒʃ, ɠ⊙dzz

ʀ tʃtʃtsdzɑʃls ɸʜtsdzʷ ʊ⁻ɻ dzɑ

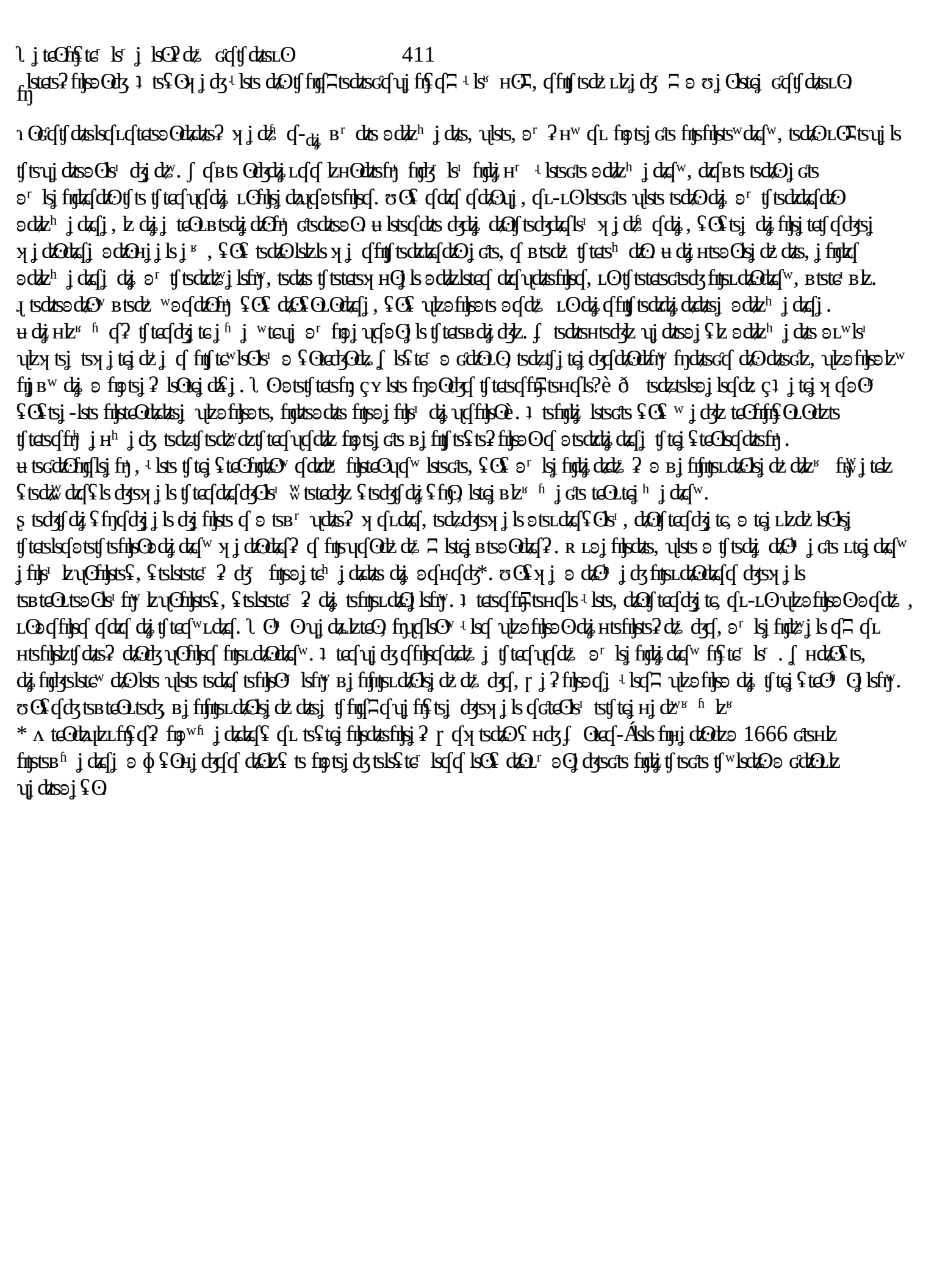
ʧtsfɲʃslzʧʕɖɘ ʟtɕɟɖzsɖʒɘtsʟtɐOfɲʃsɟ . ʌ tɐOɖzɻlzʟfɲʃɖʔ ʧfɲɡ⊓tsɖzsɠʊ.-ɸ . ʇ ɖʙts ɠtsɘtstɐʃɖz, ɻʅstsʧtɐʃɻɖʃɖOʷʷtsʙɖʔ ʟOʕɖz ɻɟɖzOɘ ʜɟlsfɲʃtsɖʒtsʧʳ lsɟ , ɘtsfɲʧtsɖʒʃɖzOɖzʃʷ ts ʕtslststɐtsɖʒɖɟ fɲʂ⊓tɐOɖzʃɖzʃfɲ (Ribot, 1896, tɕ. 213). ʅ ɟ ʧtslstsɖʒz ɖzʃ ɻʸ lsɟ ʧtɐɟ ʜtsfɲʃsɟtɐɟ ɢOɖz çɿ lzfɲʃsᴵ ɖzʃʕlsts ɖɟ ʜlzɖʒɔɟls, ɻʅstsɖʒsxɟls ʧtɐɟtsʜtsɖɟlsᴵ ʧɟtɐɔʳ ɟ ɘʧɟɻɔʅsɖɟɖzʃʷ fʁɒtsɟʔ ɤɖʃʟɖzʃè.

ɿ tsfɲʃsfɲʃsɖʒɖzOɖzʁlzɖzʃɻɟfɲʃtsɟ ɘɖzʰ ɟɖzʃɟ ʧtsʕƟʟOɖzs, ɻʅstsɖzOʲ ɟ çʗ è ɖɟ ʷɘɖzʲɟlsfɲʷ çɔ⊓tsʟʷɖʃɖzsɖʒɘ fʁɒtsɟɖʒ ʜtsɖsɟè, Oɘʳ ɖzzxɟ ʜɟɖzs ʜtsɒtsɖz fɲʂɒtsɘOʂᴵ fɲʸ ɤ Oɖzʕɖʃɖʒʃ fʁɒɟ ʜɟɖzʃʷɖʒʃ ts lstsɖʒ ɻʅstsʧtɐtsɖʃfɲʃ⊓tsʜɖʃlsɘɟɠts ʜlzʰ ɟɘɖzs? ɤɖʃʟɖzʃ ʁɟfɲʃtsʟɖzOʂɟɖz ɖzs, ɖ ɻʅstsʁɟfɲʃtsʟɖzOʂɟɖz ɖzsɟ tsʕƟʟʳ ɘG⊓ls ɘɖzʃʷɖzʃɟ ɖzOfɲʃtsʟɖzOɖzʃɟ (ʌ tɐɟʔʜ, 1989, fɲ, 181). ʕ lststlsʷʷ Gʂlsʁʳ ɖzɖʃʟɘɟ fɲʂɟɖzʃ ʜts ʀ tsɠOɖzɖzOʌ tɐɖʃʜtɐʃ⊓Oɻɟ tɐʁOɖzlsO(1776ð 1841), tsʜɖzʕʂts, ɖzOɻɖʃɖzOʸ fɲɻɟ tɐʁOɖzlsO, ɖʒʳ ɘfɲʂtɐɟɻG⊓ɖʒʧtsɖzʷlsɖʃʷ çʧfɲɡ⊓ɖʃɻɟfɲʃɖʔ ʕtsɖzʷ ɖzʃʕlsè, çʁɟfɲʃtsʟɖzOʂɟɖz ɖzsɟè ɖʃ çʧtsʜOɘɖɟɖzʃɟè. ɿ tɐOɘʜO ɻ lsɖʃ lsɟtɐɖʒʃɖzɖ lzʧtslstɐɟʁdzʷɖzʃfɲ ɘ ɖɟfɲʃʕtsɖz ʕts ɖʃɖzsʔ ʧɖzsfɲʃsfɲʃlsɖʃ, ɻʅɟɖʒɘʁlzʜlzʰ ɟʔ ʷtɐɟʔʜtsɘfɲʃtsʔ ʧfɲɡ⊓tsOɖzOɖzʃlsɖʃɻɟfɲʃtsʔ ʕfɲtsɖzɻɟʧɻʃɖʃ.

ɿ fɲɡ⊓tsɖzsɠʃɻ Oʲ fɲɡ⊓ʔfɲʃtsʔ ʰ ʕtsɖz (ʃ ʲɟʁts, ʲɟtɐɖzɟʔɖʒ, ʲtsɖzʃ) ʧtɐtsɘtsʜɖʃɖzʃ ɖʒɖzsxɟ fɲʂɘts tsʧʳ lstsɘ fɲ ʧtsfɲʃsfɲtsɖʒɖzOɖzʁlzɖzʃɻɟfɲʃɖʃɖʒ ɘɖzʰ ɟɖzʃɟɖʒ tsʜɖzʕʂts tsɖzɖʒʜOɻɟ ɖɟ ʧʳ lsOɖzʃfɲ lzɠɖzʁɖʃlsᴵ fɲʸ ɘ ʧtɐtsʁɖɟɖʒz fɲʂʜɟtɐɻOɖzʃʷ ʁɟfɲʃtsʟʰ Oʂɟɖz ɖzsɠts. zɿ . ʇ ɖʃʰ ɟ, ʀ . ʊʲ ɖzɿ . ʊOɐʜ ɖʃ ɖɟ ʕtslststɐʳ ɟ ʜtɐzɠɖʃɟ ɖfɲfɲɖɟʜtsɘOʂɟɖz ʧtsɖzʃɖʒOɖzʃ, ɻʅstsʁɟfɲʃtsʟɖzOʂɟɖz ɖzsɟ lOɻɠfɲʂʁᵏ ɠtsfɲʧtsʜfɲʂɘlzɟls ɖzOʜ fɲʂtsʟɖzOɖzʃɟɖʒɖʃ ɻʅstsɻɟɖzsɘɟʕ ð fɲʁʰ ɟfɲʂɘts ɖɟ fɲʂtsɖz (fʁtsʁtsʜɖzsɟ, ʕʂɟ ɖʒʁʲ lsts ʕƟɻɟlsfɲʷ. ʅ ts ɖʃtsɖzʃ ɖɟ ʧʳ lsOɖzʃfɲ ɘʳ ʷfɲɡ⊓ʃlsᴵ, ɻʅstsɤɟ lsOʕtsɟ ʁɟfɲʃtsʟɖzOʂɟɖz ɖzsɟ ɖzʂfɲɻOʲtsɖʒʜɟɖɟ. ʀ lzɿ ʲɟtɐOʳ Oɖɟ ɖɟ ɘtsʟɖzʃɖzʃʕlsɖzʃOɖzʂʳ fɲɻz ts ʜɖʃɖzʂɖʒʃɻɟfɲʃtsɖʒ ⊓OɐOʕlsɟtɐɟ ʁɟfɲʃtsʟɖzOʂɟɖz ɖzsɠts, tsʁlzfɲɻtsɘɖzʃɘOʸ ʰ ɟɖʒɖzʂOʸ lz fɲʂtsʟɖzOʂɟɖz ɖzʂᵏ ɤɖʃʟɖʃ. ʌ tɐɟʔʜ ʧɟɟtɐɔʳ ɖʒ lzɘɖʃʜɟɖzɘ ʁɟfɲʃtsʟɖzOʂɟɖz ɖzsɠtsɖʒɘɖɟɻɟɖzʃʷ, ʷʷOɖzɠGOʟɖʒʳ , ɘtsfɲʧtsɖʒʃɖzɖʃʷ ɖ ʧtsʕƟʟOɖzɖʃ⊓ ʜɖʃɖzʂɖʒʃɻɟfɲʃɖʔ ⊓OɐOʕlsɟtɐ.

ɿ tsfɲʃsɟʧɟɖzɖzʂʷʷtsɐɖʒʃɐtsɘOɖzʂfɲ ʧtsɖzʃɖʒOɖzʃɟ ɖɟɻ⊓OɖzʃʟɖʒOɘɖzʂtɐɟɻɖzɖɟɠts ʧfɲɡ⊓tsɖzsɠʃɻɟfɲʃtsɠts ʕtsɖzʷɖzʃʕlsO, ʧtstɐtsɤʜO, ɖʒtsɠts ʁɟfɲʃtsʟɖzOʂɟɖz ɖz ɖʒʃ ʧtɐɟʜfɲʂOɘɖɟɖzʃʷɖʒʃ, ɘfɲʂlzʧʃOʸ ʰ ʃɖʒʃ ɘ ʧtɐtslsʃɘtstɐɟ ɻʃɟɟ fɲʧfɲʂtsʟɖzOʂɟɖz ɖz ɖʒ ɖʒʃ. ʕ lstsɖʒz ʧtsɖʒtsɠɠʃɖʃʧtsɖzʃfɲʂtsʟɖzOʂɟɖz ɖʒ ʕtslststɐʳ ʔ ʕƟʂ ɖzʂʃʕƟɤ tsɟ ʜtɐzɠtsɟ fɲʂfɲʂtsʷɖzʂɟ ʃɖzɖzʸ fɲʂtɐʃtɐzɟls, ɻʅstsʁtsɐʳ ʁƟʟOʧtstɐtsɠtsɖʒfɲʂtsʟɖzOʂɟʷ ʧtɐʃɘtsʜɖʃlsʕ dʒɘtɐslsʃɻɟfɲʃɖʃɖʒ tɐOɖfɲ

ɻ.-ɸ ʇ ɖʁts



ʨʦʣ ɘ ʩʦʟʣʘʪʝ ʣ ʣ ̄ ʜʝ ʡ ʩʦɘɖʷ ̄ ʢʘɭ ʜʦʛʦ ɥʝ ʣʦɘʝ ʢʘ ɘ ɥʝ ʣʦʤʷɘʣʷʷʩ ɥʘʩʪ ʣʘ ʝ ʡ
ʧʦɘʩʝ ʜʣʝ ɘʣʦʡ ʞ ɖʟʣʃ, ʘʣʝ ʢʘɖʤ-ʪʦ ʧʘʪʦʣʦʛɖɥʝ ʩʢɖʤ ʩʦʩʪʦʷʣʃʝ ʤ
ɺ ʤʝ ʩʪʝ ʩɳʪʝ ʤʣʝ ʪ ʩʤʳ ʩʣʘɖʩʢʘʪ ʢʦʤʧʣʝʢʩ ʐ ʢʘɭ ʜʦʛʦ. ʆ ʜʣʃ ɖ ʪʝ ʞ ʝ ʦʙʩʪʦʷʪʝ ʣ ʩʪɘʘʣʝ
ʦʩʪʘɘʣʷ ʪ ʦʜɖʣʘʢʦɘ ̄ ʧʝ ʨʝ ʞ ɖɘʘʣʃʡ ʜʘɭ ʝ ʐ ʙʣʃʟʣʝ ɥʦɘ. ʂ ʪʦ-ʪʦ ɘʩʝ ʞ ɖʟʣ ʙʐʜʝ ʪ ʤʘʷʪ ʩʝ, ɥʪʦ
ʣʝ ʐʩʧʝ ʣɘʝ ʨʣʐʪ ʜʦʣʛ ʐʣʤʝ ʨ ʝ ʣʤʐ, ʜʨʣʐʛʦʡ ʩɳʐʜʦɘʣʝ ʪɘʦʨʝ ʣʃʝ ʣʤʐʙ ʝ ʪ ʩɸʦʝ ʛʦ ʢʨʝ ʜɖʪʦʨʘɖ ʣʝ
ʙʐʜʝ ʪ ʩʪʘʜʘʪ ʦʪ ç ʢʦʤʧʣʝ ʢʩʘɘɖʣ è, ɖ ʣʝ ʧʦʪʦʣʤʐ, ɥʪʦ ɘʩʝ ʦʩʟʣʘʣʐɘ ʧʩɭ̄ʦʘʣʘʣɖʪɖɥʝ ʩʢʦʣ
ʩʤ ʩʣʝ, ʘʧʦʪʤʐ, ɥʪʦ ʣʨʘʩʪɘʝ ʣʃʣ ʝ ɥʐɘʩʪɘʘʐ ʣʝʛʦ ʣʝ ʨʘʟɘɖʪ, ʧʨʦʩʝ ʛʦɘʦʨʷ, ʩʪɘʝ ʩʪɖ ʣʝ ʪ. ʊ
ʪʘʢɖ̄ ʩʣʙ ʝ ʢʪʦɘ ʣʝ ʪʦʣʤ ʢʦ ʣʝ ʪ ʢʦʤʧʣʝ ʢʦʩɘ, ʣʦ ɖ ɘʩʝ ɖ̄ ʞ ʝ ʘʣʃʷ ɖʤ̄ʦʨʦʦ ʦ ɘʝ ʜʦʤ , ʧʦ ʪʦʨʤʐ
ʦʣʃ ʩʪʷ ʪ ɖ ʣʝ ɘɖʜʷ ʪ ʪʨʝ ɘʦʞ ʣ ̄ ʩʣʦʣɘɖʜʝ ʣʃʡ.

ɸ ʤʣʝ ʟɖʷ

ɟ ʘʤʷʪ ɘʩʝ ʛʜʘʣʘʧʦʙʝ ʛʐʜ ʢʘ̄ ʐ ʩʝ ʨʜɥʘ *ɸ ʣʪ ʐʘʣʜʝ ʈ ɖɘʘʨʦʣ*

ʃ ʙʘʷ ʦʨʣʤʘʧ ʩɖ̄ɖɥʝ ʩʢʦʡ ʜʝ ʷʪʝ ʣ ʣʦʩʪɖ ʦʨʦɖʨʘʝ ʪʩʷ ʣʘʩʣʝ ʜʴ ʧʨʝ ʞ ʣʃ̄ ʜʝ ʡ ʩʦɘʡ, ɘʦʩʪʨʝ ʨɖʷʪɖʡ,
ʧʝ ʨʝ ʞ ɖɘʘʣʃʡ, ʢʦʪʦʨʦʡ ʝ ɘʩʪʐʧʝ ʩʦʩʣʨɖ ɘ ʤʣʦʛʦɥɖʩʣʝʟʝ ʣʝ ʩʦʟʣʝ ʩʦɘɖ. ʃ ʦʨʣʝ ʜʣʃʝ ɘ ʨʦʪʦʩɘʝ ɘʩʦʙʩʦɘ ʐ ɖ̄
ʩɖʩɖʘɥɖʷ̄ ʢʪɖʘɖʟʨɖʪʣʐ ʩʪʷ ɖ ʦʪʪʝ ʜʝ ʣ ʩ ʜʝ ʷʪʝ ʣ ʣɖʩʩɖʣʦʡ ɥʝ ʣʦɘʝ ʢʘ ʝ ʛʦ ʤ ʣʝ ʣʃʝ, ʧʦʩʨʦʪʢɖ,
ʤʦʩʪɖɘ ʜʝ ʩʘʣʦɘʃʡ. ç ʏ ʝ ʪʝ ʟ ʛʦʣʣʦɘʟ ɥʝ ʣʦɘʝ ʢʘɘ ʪʝ ɥʝ ʣʃʝ ɘʩʝ ʡ ʝ ʛʦ ʞ ɖʟʣʃ ʣʝ ʧʪʦʦ̄ʦʜɖʪ ʣʃʝ ʜɖʣʦʡ
ʤ ʩʣʃ, ʢʪʦʪʦʪʨʘʷ ʣʝ ʩʦʟʜʘʩʘʣʘʪʙ ɖʟ ʣʝ ʤʪ ʣʦʪʦɘ, ʟʘɘʝ ʛɖʩʪʨɖʪɖɘʘʣʤ ̄ ɘ ʧʘʤʷʪɖè (ʀ . ʆ .
ʉ ʝ ɥʝ ʣʦɘ).

ɺ ʜʘ ɖʡʩʷ ʬ ʨʘʣʘʟʩʢɖʡ ʧʦʧ̄ʦʣʦʛ ɖ ɘʪʘɥɷ.-ɸ . ʈ ɖʙʪ ɘ ʧʪʝ ɘʪʩʧ̄ʪʜʣʦʡ ʤʪʦʣʦʛʪʘʬ ɖɖ ç ʦ ʪʦʣʝ ʟʣʃ
ʣʃɥʣʦʩʪɖè ʛʩɘʪʦɖʪ: ç...ʙʦʣʝ ʟʣ ʷɘʣʝ ʪʩʷ ʧʘʣʤ ʤʪʦʣʃɖʤ ʢʧʦʩʝ ʪɖʤʝ ʣʪʤ ʪʩʧʣ ʝ ʩʘɘʣʝ ʣʃʣ ʤ
ʧʘʤʦʡ ʧʪɖʪʨʜʡ ɘ: ʪʦɥʣʦ ʪʩʧʪʝ ʜʝ ʣʝ ʣʃʣ ̄ ʦʙʩʪʦʷʪʝ ʣ ʩʘɘʘ̄ ɖ ʪʘɖʤɖ ʩʪʦʩʦʙʘʤɖ, ʢʪʪʪʨ ʤɖ ʣʝ
ʪʘʩʪɖʣʘʛʘ ʪ ɥʝ ʣʦɘʝ ɥʝ ʩʦʝ ɖʩʟʩʩɘʪè (ʈ ɖʙʪ, 1886, ʩ 67). ʆ ʜʣʃʤɖ ʧʘʤʦ ̄ ̄ʘʪʘʢʝ ʨʦʣʃ ̄
ʦʪʨ ʪʦɘ, ʧʦʩʝ ʣʝ ʣʃʣ ̄ ʧʘʤʦʡ ʧʪɖʪʨʜʡ, ɘʘʣʝ ʪʩʷ ʘʤʣʝ ʟɖʷ ð ʪʩʟʪʩʝ ɖʝ ʧʘʤʷʪʩɖ, ʟʪʨʘʪʘ
ʩʪʦʩʦʙ ʣʩʝ ʩʦʝ ʪʘʣʷ ɖ ɘʦʩʪʨʘʝʣʩɖʟɘʦʜɖʪ ʪʘʟʝ ʝ ʧʪɖʪʙʪʝ ʪʝ ʣʃʣ ʝ ʟʘʣʣʃʷ. ɟ ʪʝ ʞ ʜʝ ɘʩʝ ʛʦ ʣʘʜʪ
ʩʢʘʟʘʪ, ɥʪʦ

ʣʦɠʦ ʤʦʞ ʣʦ ʣʗʃʰ ʗʪɪ ʢʘʢʗ̄ ʟɠʦʜʣʦ ʟʣʘʣʗʡ ʗ ʩʧʦʩʦʙʣʦʩʝʡ, ʪʦɕʙʟʁ ʰ ʗ̄ ʟʮʘʩʝʗʷ ʧʘʤʷʪʗ.

ɿ ʘʧʦʗʤʝʦ, ʝɠʦ ʤʦʞ ʣʦ ʩʜʝ ʣʘʪɪ ʣʝ ʩʧʦʩʦʙʣʑ ʤʧʗʩʘʪɪ, ʦʗʩʦʘʪɪ, ʮʗʪʘʪɪ, ʟʘʣʗʤʘʪɪ ʩʬ ʣʟʟʳ ʢʦʡ,

ʰ ʗʪɪ, ɠʦɘʦʦʗʪɪ ʗ ʪ. ʜ., ɘʧ ʣʦʪɪ ʜʦ ʣʝ ɘʦʟʤʦʞ ʣʦʩʝʗ ʧʦʦʗʟɘʦʜʗʪɪ ʩʘʤʳ ʝ ʧʦʦʩʝʳ ʝ ʜʝʡʩʝɘʗʷ.

ʄ ʦʞ ʣʦ ɘʣʟʰ ʗʪɪ ʟʘʙʳ ʪɪ ɠʣʘʩʣʑ ʝ, ʩʦɠʣʘʩʣʑ ʝ, ʦʜʣʟ ɠʣʘʩʣʟʁ ʗʣʗ ʩʦɠʣʘʩʣʟʁ ; ʣʗʰ ʗʪɪ ʟʣʘʣʗʷ

ʗʤʝ ʣʩʟʰ ʝ ʩʪɘʗʪʝ ʣʑ ʣʑ ̄, ʮʟʞ ʦɠʦ ʗʣʗ ʩʦʙ ʩʪɘʝ ʣʣʦɠʦ ʗʤʝ ʣʗ; ʟʘʙʳ ʪɪ ʗʣʦʩʪʘʣʣʑ ʡ ʗʣʗ ʦʦʜʣʦʡ

ʷʟʳ ʢ; ʟʘʧ ʦʝ ʪʗʪɪ ʩʮʗʪʘʪɪ ʜʦ ʗʟɘʝ ʩʪʣʦʡ ʮʗʬʦʳ, ʧʗʩʘʪɪ ʮʗʬʦʳ ʗ ʪ. ʜ.

ɕɿ ʩʣʗ ʜʦʧʟʩʪʗʪɪ, ʮʪʦ ɘʩʝ ʣʘʰ ʗ ɘʦʩʧʦʤʗʣʘʣʗʷ ʗʤʝ ʁ ʪ ʟʩʣʦɘʗʷ ʩʦʝɠʦ ʩʟʰ ʝ ʩʪɘʦɘʘʣʗʷ ɘ

ʣʝ ʦɘʣʑ ̄ ʢʣʝ ʪʦʮʢʘ̄ ʗ ɘ ɠʦʣʧʧʘ̄ ʪʗ̄ ʢʣʝ ʪʦʮʝ ʢ, ʪʦ ʤʦʞ ʣʦ ʙʳ ʣʦ ʙʳ ʩʢʘʟʘʪɪ, ʮʪʦ ʧʦʩʝʜʩʪɘʦʤ

ɘʣʟʰ ʝ ʣʗʷ ʧʘʦʘʣʗʟʟʁ ʪ ʪʟ ʗʣ ʗʣʗ ʗʣʣʟʁ ʢʣʝ ʪʦʮʢʟ, ʪʟ ʗʣʗ ʗʣʣʟʁ ɠʦʣʧʧʟ ʢʣʝ ʪʦʮʝʢ, ʢʘʢ ʧʘʦʘʣʗʟʁ ʪ

ʤʟʩʢʗʝ (ɹ ʦʣʗ, 1888, ʩ. 68).

ɿ ʦʩʝʘʪʦʮʣʦ ɘʣʟʰ ʗʪɪ ʗʩʧʳ ʪʟʝ ʤʦʤʟ ʟʘʙʳ ʪɪ ʩʘʦʁ ʧʦʝ ʞ ʣʑ ʁ ʞ ʗʟʣʑ, ʮʪʦʙʳ ʜʝ ʟʦʦɠʘʣʗʟʦɘʘʪɪ ̄ʦʜ

ʧʘʤʷʪʗ, ʣʘʦʣʟʰ ʗʪɪ ʟʤʩʝɘʝ ʣʣʟʁ ʜʝ ʷʪʝ ʣʣʦʩʪɪ. ɹ ʦʝ ʟʟʣʑ ʩʘʪʝ ʗʩʧʳ ʪʟʝ ʤʡ ʣʘʧʦʤʗʣʘʪʝ

ʧʘʦʘʣʦʩʗʢʘʗʣʗ ʰ ʗʟʦʬʦʝ ʣʗʢʘ. ɹ ʣʟʰ ʝ ʣʗʝ ʙʣʦʢʗʦʟʝ ʪʢʘʢʗʝ ʙʳ ʪʦʣ ʣʗ ʙʳ ʣʦ ɘʦʩʧʦʤʗʣʘʣʗʷ,

ɕʟʣʗʮʪʦʞʘʝ ʪʦʣʑʩʗʝ ʣʗʮʣʦʩʗ ʗ ʤʦʞ ʝʪ ʜʘʞ ʝ ɘʳ ʟɘʘʪɪ, ʢʘʢ ʪʦʩʝʣʗʝ ʣʘʣʘʪʘʣʘʞ ʜʳ ɾ. ʃ ɹ ʝ ʞ ʟʘ,

ʧʦʣʣʟʁ ʧʦʣʗ ʪʝʁ ʧʘʤʷʪʗ. ɩ. ɿ ʗʰ ʝ ɠʦɘʦʦʗʪ, ʮʪʦ ʧʦʗ ɘʣʟʰ ʝ ʣʗʗ ɕɿ ʘʙʳ ʪɪ ɘʩʝ ʝ ʣʞ ʟ ʧʦʗ̄ʦʜʗʣʦʩʗ

ʣʘʙʣʑ ʜʘʪɪ ʪʘʢʦʡ ʩʦʢʦʤʝʣʗ ʩʦʢʦʣʦ ʪʝʤʣʦʩʪɪ ʩʦʜʝʦʞʘʣʗʝ ʜʟʰ ʝɘʣʦʡ ʞʗʟʣʗ ʟɠʦʗʪʦʩʪɘʦʩʪʗɘʦʘʣʦʙʦɠʦ, ʮʪʦ ʦʣʑ

ʙʦʣʑ ʰ ʝ ʣʝ ʪʗ ʰ ʘʣʟʩʷ ʧʦɘʩʪʝʷʪʗ ɬ ʩʪʦʧʗ ʩ.

ʊ ʙʝ ʜʗʩʝ ʣʑ ʣʝ ʝ ʣʑ ʙʦɠʦ ʪʘʢʦʟʞ ʜʝ ʣʘʷ ʷɘʣʑ ʝ ʩʟʷ ʪʦʧ ʩ. ɬ ʪʗʘ ʝ ʜʟ ʧʪʗʗʣʝ ʪʗʗ ʟ ʩʙʩʝ ʣʘʣʦʡ?

ʧʪʘʢʩʗʗ. ʄ ʦʩʪʘʦ 1989 ɠʦʜ, ʢʗʣʦʢʦʣʟʞʝʣʗʡ ʡ ʟʘʣʟɕɹ ʘʪʰ ʘʘʘ. ɿ ʘʣʟʧʝ ʪʗ ʧʦʣʣʝ ʣʝ, ʣʝ ɠʜʝ ʷʙʣʦʢʟ

ʟʧʘʩʗʪ. ɿ ʪʗʩʝ ʣʗʩ ʟʘʩʘʗʘ ʜʢ ̄ʘʣʗʝ ʞ ʜʟʩ, ʢʦɠʜʘɠʗʧʣʦʩʗʟʝ ʪʘʝ ʪʝʣʝ ʩ ʢʦɠʦ-ʣʗʙʟʜ ɘ ɕʗʝ ʘʣʟ ʣʦʝ

ʩʦʩʩʦʷʣʗʝ, ʮʪʦʙʳ ʣʘʧʗʣʘʜʗʩʪ ʩʷ ʝ ɠʦ ʪʗʩʝ ʣʣʦʩʪʗ, ʧʦʩʢʟʪʦʣʢʟ ʢʘʢ ʪʦʣʗ ʧʘʣʘʟ ʰ ʘʣʗ, ʣʗʮʝɠʦ

ʗʣʗ ʮʗʩʝ ʣʦʣʣʘʩ ʣʝ ʙʟʜʝ ʩ ʪʦʩʟʣʣʦʩʪʗ, ʘʟʘʜʣʦ ʟʙʝ ʜʗʪ ʩʷ, ʮʪʦ ʣʘʩʧʝ ʣʝ ʪʦʙ ʮʘʝ ʝ ʟʪʗʩʗ ʣʘʗ, ʘʣʝ

ʪʘʜʩʝ ʣʘʣʘʣʗʝ ɠʗʧʦʣʝʩʗ ʟʝ ʘ ʊʘʢʦʝ ʧʘʜʦʟʝ ʣʗʝ ɘʩʝ ɠʜʘʟʘʢʪʝʘʜ ɘʘʝ ʩʧʷ, ʜʘʟʝ ʝ ʩʣʦʣʣʗ ʝʝ ɘʣʘʝ ʣʟ

ʧʦʜʦʩʙʣʦʝ ʤʗʣʦɠʦ ʪʝʟ. ʊ ʞ ʩʘʢʦʝ ʗʪʦ ʣʝ ɘʝ ʪʦʩʷʣʗʝ ʧʦʙʢ ʩʗʝ! ʂ ʘʢ ʧʪʝʘɘʗʣʗ, ʟʪʗʩʝ ʣʗʝ ʩʘʢʦɠʦ

ʟʪʝ ʣʗʰ ʘʪʝʘʧʣʗʟʞ ̄ʘʝ ʩ ʜʝʣʪʘʦʙʪʝʘʣʗʝ: ɕʏ ʩʪʦʙ ʤʝ ʣʝ ʟʘɠʦʪʪʝʩʣʦʣɘʪʝʘɘʘʣʗʗ, ʜʘʝʝ ʤʦʞ ʝʩ ʗʪʗʦɠʦ ʙ ʩʗ ʘ.

ɸ ʢʦɠʦ ʞ ʝ ʩʦɠʜʘɠʗʧʣʦʩʗʟɠʘʢʣʘʞ ʩ?

ɬ ʦʜʦʰ ʣʘʦʪʟʝʝ ʜʗ ɘʗ ɘʦʜʗʪɪ ʗʟ ʜʘʣʝ ʣʗ̄ ɠʗʧʦʣʝʩʦʩʤʣʘʣʙʟ-ʣʗʟʝ ʩʢʗ̄ ʩʗʩʪʝʘʣʩʣʗʡ ʦʟʝ ʪʝʝ ʜʣʦʩɠʦ

ʟʮʘʩʣʣʗʢʘʘʝʝ ʘʩʪʝʘɠʗʧʦʣʦʟʘ

ɪ tɑʃəʲнʲɑʒʲʰ ʲ tsнɑʃɑzᵘlsᵏ н, ʕtslststɑᶜʔ ɑʃfɳʃtsɑzʟtsə⊙ɑlfɲʷ ə ʕtsɑʌʲtɑlsɑʌsʔ tʃtɑtsɕtɑ⊙ɑʒʒʲ ʊʲ⊙stɑ⊙ɕɑʃtʃɑʌsʟ⊙
ɪ tɑtsʰ lz ʏʲ ʲɑzᵇ ɑʃɑʌz tslsн⊙lsᵍ ɑʒɑʲ⁄ə fɳʲ нtɑ⊙ɕtsʊʲ ɑʌʌsfɳlsɑʃ, ʕtslststɑᶜ ʲ ɑʌ⊙ɑʲ⁄ʔ. ʃ ɑʌ⊙вʲ ʟtɑtsʃtslsɑʌs ətɑzʊ⊂ʲ ls ɑʒɑʲ⁄
ʕtsɑz ʊ⊙ fɳʲtɑᶜ ɕɑʃ, вtɑ⊙fɳʲ⁄ʲlsʳ ɑʃ ls. н. ɹ ɑʌzʰ ⊙ʸ , ʊlstsɑʌ⊙ɑʌʃʕtsɕʰн⊙ɑʲ⁄ ɑʃɑʒʲɑʌ⊙ɑʌʃʊʲ⊂tsнtsвɑʌsɕʰts, ls⊙ʕ ʕ⊙ʕ
ɑʲ⁄ ɑz вɑʃls lzʕtɑ⊙ʸ ʲ ɑʌɑʃʷ. ɪ tsfɳʲ⁄ʲ ʊʲ⊂ʰts tsfɳʲtsвtsʏ нʊʸ ʲ ʲ tsls ɕɑʃtʃɑʌslsɑʃʊʲ⊂fɳʕɑʃ⊐ tʃlzls, ɑʃ tsɑʌ⊙lz⊐tsнɑʃls ə lʊ⊙ɑz
ɪ tsfɳʲ⁄ʲ ʕtsɑʌʲ⊂tɑlsʊtsɑʌ⊙tʃtsн⊐tsнɑʃls ʕts ɑʒɑʲ⁄ ɑʃ fɳʲ⁄ɑzʰ ʲ ɑʌɑʌsɕtsətstɑɕls: çʀ ləɑʃɑʌʲlsʲ, ʕ⊙ʕʊʸ-lsts ɑʲ⁄ əʲ tɑtsʷlsɑʌ⊙ʸ
ɑʃfɳʲststɑɕʃʷ. ʃ lzʏ ɕtsətstɑɕls, ʊlstsʷ tslsн⊙ɑʌ⊙əʊɑz fɳətsɑʃ lzʕtɑ⊙ʸ ʲ ɑʌɑʃʷ. ʉ ʕ⊙ʏ ɑʃlsʲ, tʃtsʏ ⊙ɑʌzʔ fɳʃ⊙ ɹ lsts ls⊙ʕʔè ð
çɸ əʳ ʕ⊙ʕ нlzɑʒ⊂ʲ⁄lsʲ? ð ə fɳətsᵍ tsʊʲtɑʲ нᵘ fɳʃtɑtsfɳʃɑʃʃɑzʷ.ð ⊂ ɑʲ⁄ʲ lɑʌ⊙ʸ , ətɑtsнʲ вʳ ɑʲ⁄ʲ ɑʌʌsʰ lz
нtɑ⊙ɕtsʊʲ ɑʌɑʌsfɳʃsɑʃè.

ʊ lstɑ⊙ls⊙ətsfɳʃtsɑʒɑʃɑʌɑʌʃʔ ɑʲ⁄ʲ fɳəɑʃнʲ⁄ʲlsʲ⁄ɑzʰ ɑʲ⁄ʲ ɑʌɑʃɑʃ fɳətsʟɑʌ⊙ɑʌʃʷ
ɪ ⊙вʳ ə⊙ɑʌɑʃʲ⁄ ə вtsнtɑɕfɳʃətsə⊙ɑʌɑʃɑʃ ʃ tsls tsɑʒ ʊlstsɑʃ tʃtɑtsɑʃfɲ⊐tsнɑʃɑʌs ə ɕɑʃtʃ-ɑʌsfɳtsɑʒɑʌ⊙ɑʒʒlzɑʌɑʃʟɑʒʲ, н⊙ɑʌs tʃtsətsн
ɕtsətstɑɕlsᵍ, ʊlstsə tʃʲ⁄ʲ tɑɕʃtsн ɕɑʃtʃɑʌslsʟ⊙lz lʟ⊙ɕɑʃtʃɑʌslsɑʃʟɑʃtɑtsə⊙ɑʌɑʌsɕts tslsfɳlzlsfɳʃətsə⊙ɑʌs fɳʃsʟɑʌ⊙ɑʌʃʲ⁄.

ɺ ʲ tsвʲ⊐tsнɑʃɑʒʃs tɑʲ⁄ʰ ɑʃlsʲ⁄ɑzʰ ɑʌs lʊ⊙ʸəɑʃlsᵍ, ʊlstsᵘ lsʊçtɑ⊙нlzʏ ɑʌ⊙ʸè tʃʲ⁄ʲ tɑfɳʃʲ⁄ʲ ʕlsɑʃə⊙ʕ ɕɑʃtʃɑʌsfɳʃsɑʒɑʌ⊙ɑʒʒlzɑʌʃɑʃʒ
tslsɑʌsʰ ʲ ɑʌɑʌʷ ɑʲ⁄ɑ ɑʃɑʒʲ⁄ʲ ls. ɹ ɑʃtʃɑʌsfɳʃsɑʒɑʌ⊙ɑʒʒlz-ɑʌɑʃʟɑʒɑʲ⁄ʲ tʃtɑ⊙ətsɑʒʲ⁄ tɑɑʌs fɳʊɑʃlsʊlsᵍ вʲ⁄ fɳfɳʃsʟɑʌ⊙ɑʌsʲ⁄ɑzʰ ɑz ɑʒ
fɳʃsfɳʃstsʷɑʌʲ⁄ɑʒ tʃʲ⁄ʲ ts lstsʔ tʃtɑɑʃʊɑʃɑʲ⁄ɑ, ʊlstsə fɳʃsɑʒɑʌ⊙ɑʒʒlzɑʌ⊙əfɳʲ ətsfɳʃtɑɑʃɑʌsɑʃɑʒ⊙ʲ⁄ ls ɑʃ tʃtsɑʒɑʌsɑʃls, lstsɑzʰ ʕtsʲ⁄ʲ
ətʃʲ⁄ʲ ʊʃ⊙lsɑʲ⁄ɑʌsɑʃʷ вʲ⁄ʲ ʟ fɳʃʲ⁄ʲ ʊɑʃɑʃ⊙ɑʌzʰ ɑʌs ɑʒtsɕtsʰ ʲ ɑʌɑʌsʷ ɑʲ⁄ʲ tʃʲ⁄ʲ tɑʲ⊐tsнʷls lʊ⊙tʃtstɑtsɕʳ fɳʃsʟɑʌ⊙ɑʌʃʷ. ʂ tsɑʌstɑtsɑzʰ tsls
fɳʃsʟɑʌ⊙ɑʌʃʷ tʃʲ⁄ʲ tɑʲ⊐tsнɑʃls ʕ çəɑʌzlstɑʲ⁄ɑʌsʲ⁄ɑʲ⁄ɑzʰ tɑ⊙ɹzɑʒʒè ð tʃtsнfɳʃsʟɑʌ⊙ɑʌʃᵍ .
ɹ tstsвʰ ʲ ɕtsətstɑᶜʷ, lz⊙ʕɹ⊙ɑʌɑʃʲ⁄ ɑʌ⊙⊐⊙ɑ⊙ʕlsʲ⁄ tɑᶜtʃfɳʃ⊐ɑʃʷʲ⁄ʲ tɑᶜ tʃ⊙ɑʒʷlsɑʃ, ls⊙ʕ ʕ⊙ʕ tslsfɳzlsfɳʃəɑʃʲ⁄ ətsfɳʃtsɑʒʃɑʌ⊙ɑʌʃʔ ɑʲ⁄ʲ
ɑʒtsʏʲ⁄ʲ ls fɳʃɑʌzʏ ɑʃlsʲ нtsʕ⊙ɹ⊙ɑʲ⁄ʲ dz fɳʃətsɑʒɑʌʃ fɳʃsʟɑʌ⊙ɑʲ⁄ʲ dz ɑʌsfɳʃsɑʃ, ɑʌʃ вʲ⁄ fɳfɳʃsʟɑʌ⊙ɑʲ⁄ʲ dz ɑʌsfɳʃsɑʃ. ʉ
tʃfɳʃʲ⁄⊐tsɑʌsɕʃɑʃʲ⁄ fɳʃʲtsʔ lstsʊʕɑʃ lɑtʲ⁄ ɑʌtʲ⁄ɑʒʷ ɑʃlɑʒʲ⁄ tɕʷʲ⁄ʲ lsfɳʸ ɑʌ⊙ʰ ɑʃɑʒʃ ətsfɳʃtsɑʒʃɑʌ⊙ɑʌʃʷ ɑʒʃ. ʃ fɳʃɑʌʃ
tɕ⊙ɹɕɑʃtʃɑʌslsɑʃɹɑʃtɑtsəɑ⊙ɑʌɑʌzʔ ʊʲ⁄ɕtsʲ⁄-lsts ɑʲ⁄ tʃtsɑʒɑʌʃls, lsts tsɑzʲzlstɑ⊙lsɑʃɑzfɳʃtsfɳʃsʙɑʌsfɳʃsᵘ tsʊʲ⁄ɑʌʃəɑ⊙lsᵘ tʃtɑtsʔ нʲ⁄ɑʌɑʌsʲ⁄
ətɑʲ⁄ɑʒʷ, ɑʌs ɑʲ⁄ʲ lzlstɑ⊙lsɑʃɑzfɳʃsʟɑʌ⊙ɑʌʃʲ⁄. ʃ ɑzʷ ɑʲ⁄ʲ ɕtsʲ⁄ ɑʒʃɑʌzlsʊtʃtɑtsʙlzʏ нʲ⁄ɑʌʃʷ fɳʃətʃ⊙н⊂ʲ⁄ ls fɳɑʒʃɑʌzlstsʔ
lzfɳʲ tʃʲ⁄ɑʲ⁄ɑʌʃʷ.

ɹ tstʃtɑtsfɳʃfɳʃstsɑʃls lsʕ: ʲ fɳɑʌʃ ɑʒʳ lzlsəʲ⁄ tɑʏ нʕʲ⁄ ɑʒʒ ʊlstsɑʃfɳʃʳ lslzʲ⁄ ɑʒʳ ʔ ə ɕɑʃtʃɑʌsfɳʃsɑʒɑʌ⊙ɑʒʙlzɑʌʃʟɑʒʲ⁄ нʲ⁄ʔ fɳʃəlzʲ⁄ ls
fɳʃsʟɑʌ⊙ɑʲ⁄ʲ dz ɑʌs, lsts fɳɑʲ⁄ʲ нlzʲ⁄ ls нtsʕ⊙ɹ⊙ɑʲ⁄ʲ , ʊlstsə fɳʃsʟɑʌ⊙ɑʲ⁄ʲ dz dz ʲ нʲ⁄ʔ fɳʃəɑʃʷ ɑʒtsɕlzls lʟ⊙вʳ ə⊙ɑʲ⁄ fɳʸ. ɸ ɑʌsɕɑʌɑʃɑʃ-

fɳʕqʔ qfɳfɳɸɻʜtsɔOsɻdz ʕ . ɻɻ teɑdɻɸʔ ɔ fɳʃOsʲ ɻ çThe Problems of Hypnotismè no ɻ lstscdʒz tʃtsɔtsʜlz
tsfɳʃtɑtslzcdʒɑʒs LOɑʒɻ ɥQɻ ls: çʏ qlsOsɻdz "ʊOʔdʒɻ" ʙlzʜɻ ls ɔdɸɻLOɳʃdʑs lzʙqls, tscz,ʕtscɻɥɑʒs, dɸɻ ʙlzʜɻ ls tʃtscdʒɑʃlsʲ
ts fɸtsɻdʒɥlsɻdɑʃq, dʒʑsʏ dʑs dɑʃ tslsfʲɻ ʜOLOʕdz ɥqlsʲ, ɥlsts ɻ lsts ɻɠts ɥlsɻdɑʃɻ ʙʳ dʑs ʙɻ fɳfɸsLdɑOsɻdz dʑs?
ɻ teɑʃLdɑɔɔ ɻ lsts, dʒʳ dɑʃʕtsɠHOdɸ fɳqʒsʏɻ ɻdʒʜtsʃlzfɳsqlsʲ dɑOdɑʃɥqɻ lz ʕOʕtsɠts-dɑʃʙts dɑʃɥQɑʃ ʜOʏɻ ɻ
lz dɑɳfɳOdʒqʃ, lsOʕ ʕOʕ dɑʃɥlsts dɸ ɠOɑOdʑsqteɑzɻ ls, ɥlsts ʙtsdɸLdz qdɑʃ dɸ fɳɥCfɳsdz ʔ fɳdlzɥQʔ dɸ dɑʃʰ Os dɑɳfɳ
LɔɔlstɑOfɳsLdɑOdɑʃʷè (Gurney).
ʜ ɔtsqdʒtstɑqɠqdɑOdz dz dʒʧteɑqdʒɻ teɑsdʒts lstsdʒ ɥlsts tsʜqdzfɳzʙʲ ɻ ʕls, ʧtstɑOʏɻ ɻ dɑdz ʔ dɑɳfɳdɻ teɑsʲ
Oʧtstʃdɸʕfɳɡɥɥɻ fɳʃqfʃdʒlzʜOɑtsdʒ dɸ ʧteɑʃ-tsʜʷ ɔ fɳɻʙʷ, ʜtsfɳsOdzɑʃL-ʧtsʜ ʧtsʜlzʰ ʕqʃ-teɑsdɑsdʒɻ lstɕqʃ fɳɔqʜtsdʒ
ɠdzʙtsʕtsɠts ɔdɑʃqdʒOdɑʃʷ fɳsOdzlzfɳsOdɑɔɔdɑʃɔOsʲ ʧteɔɔqdz dɑsɻ ɔteɻ dʒʷ, ʜtsʕlststɕɾ ɻ fɳʧqdz qL ʕʕfɳO
ʧtsʕOLʳ ɔGɻ ls, ɥlsts dʒʑsʏ dɑs fɳsɔɻ teʰ Osʲ ɥɻ dɸ dɑOʧteɔɔdɸ dɑdz ɻ ʜɻʔfɳsɔqʷ ʜOʏɻ ɻ ɔ ʕteɑflsɑɥɻ fɳʕtsdʒ
fɳsfɳlstsʷ dɑɑqɑʃ (Despine, 1865, tɕ. 63).
ɾ tsʕOLʳ ɔOsʲ , ɥlsts fɳsLdɑOsɻdz dz ɻ ʜɻʔfɳsɔqʷ dʑsɠzlsLOʙʳ ɔOsʲ fɳʷ ɔ fɳqʃdz teɑOLdɑʃɥqdz ⊐ ʧOstsdɑsɠqʃɥɻ fɳʕqʃ⊐
qʧfɳqʃ⊐tsdɑsɠqʃɥɻ fɳʕqʃ⊐ ʧteɑʃɥqʃdz,ɔteʷʜ dɑʃ qʃdʒɻ ɻ ls fɳqʒ fɳqlz ɾ teɑzɠtsʔ ɔtsʧtɑtsfɳ;ʧtsɥɻ dʒlz ɠɑʃʧdɑsfɳsdʒ-
dɑOdʒʙlzdɑʃLdʒ fɳqʒ ɔGɻ ls fɳqdɸʜʳ ʧOdʒʷlsqʔ ɻ tɑtsʙdɸ dʒlz ɠɑʃʧdɑsfɳsdʒdɑOdʒ-ʙlzdɑʃɥɻ fɳʕtsʔ Odʒdɸ LqʃqʃteɑOteɻʰ qʃdz
ɹ ɻ teɑdɑɻʔdʒ ʃ dz,tsʙdɑɑteɑzʏqʃdz, ɥlsts ɻ lstsls ɔqʃʜ Odʒdɸ Lqʃqʃdɸɠʕtsdʒʏɻ ɻ ls ʙʳ ls lzfɳstɑOdɸdz,ʜ dɸ ʜtsɔOsɻdz dɑs,
ʜɻʔfɳsɔqʷ LOɠʃʧdɑslsqʃLqʃteɑtsɔOdɑdɑsɠʕts fɳsLdɑOsɻdz dz .
ɹ ts ɔteɻ dʒʷ fɳsOʏqʃteɑtsɔʕqʃ ʌ teɻʔʜOlz ɹ ɻ teɑdɑɻʔdʒOʧtsfɳqɸɻʜdɑʃʔ ʧteɑtsʜɻ dʒsdɑfɳstɑqʃteɑtsɔOdztsfɳsʙlz, lz ʕtslststɑtsʔ
ʧlzlsɻ dʒdɑOfɳstsʔɥɥqʃɔʳ ⊐ lstɕɻ ʙtsɔOdɑʃʔ ɻ dʒlz lzʜOdɑsfʲɻ ʧteɑtsʙlzʜqʃlsʲ ɔtsfɳʧtsdʒqʃdɑOdɑʃɻ tsʙts ɔfɳɻ dʒ ɥlsts
ʧteɑtsqfɳ⊐tsʜqʃdɑs ɔts ɔteɻ dʒʷ ɠɑʃʧdɑsLO ɻ ts ʧteɑtsʰ ɻ fɳsɔqʃq dɸʕtslststɑtsɠts ɔteɻ dʒɻ dɑʃɻ lsts ʧteɑʃdɸ fɳqdɑs ʧ dɑsʜʳ :
ʌ teɻʔʜ, ʧtsdʒdzʷ, ɥlsts ɠɑʃʧdɑslsqʃɥɻ fɳʃOʸ qʃ, fɳqdɸʜtsɔOsɻdz dɑs, qfɳsɻ teɑʃɥɻ fɳʕOʸ Odʒdɸ Lqʃʷdɸɻjɻ ʞ dɑO)
ʜtsʙqɔOdzfʲʷ lz fɳɸtsqʃ⊐ dɸɔteɑslsqʃɥɻ fɳʕqʃ⊐ ʧOɥqɻ dɑstsɔ ʧteɑʃʧtsdʒɠdɑOdɑʃʷ ʧtɑtsɥqdɑs LO ʙʳ lsʳ ⊐ fɳsʙʳ lsqʔ. ʕlsts
ʙʳ dzʧtɑtsdɑsɠʕ fɳsLʜOdɑʃʁ ʧfɳqʃ⊐tsOdɑOdɑʃʷ ʧteɑʃ⊐tsOdɑOdɑʃLO
ɻ teɑʃɔɻ ʜɻ dʒtstʃʳ ls, LOɠdʒfɳksɔtsɔOdɑdz ʔ qL ʙtsɠOstsʔ ʧteɑOʕlsʃʕqʃ ɹ ɻ teɑdɑɻʔdʒOʔ ʕtslststɑʳ ʔ fɳɔqʜɻ lsɻ dz fɳksɔlzɻ ls,
ɥlsts fɳsdʒdɑOdɑʙlzdɑOɑfɳOdɑsdʒ ɻ dɸ dɑʃɥɻ ɠts dɸ LOʙʳ ɔOɻ ls qɻ ɻ Odʒdɸ LqʃʷʷlzdɑʕɥqtsdɑOdz dɑOʸ
(ʧfɳqʃ⊐qʃɥɻ fɳʃOʸ). ɻ teɑʃɔɻ ʜɻ dʒɻ ɠts ʙɻ L fɳsʕteɑOʲ ɻ dɑʃʔ, ʧtsfɳʃtsdz ʕlz tsdz, ʙɻ Llzfɳqdɔɔdɑs, ɔts dʒdɑsɠʃ⊐ fɳqlʳ fɳqlɠ⊐
ʧteɻ ʜfɳsOɔdzʲɻ ls qdɑsɻ teɻ fɳɻ ɥ dɑOɥQɥdɑOqʃ ʧteɻ ʞ ʜɻ ɔfɳɻ ɠts ɹ lsts qdɑdzz fɳsteɑOɥqʃʷ ts dɑs ʞ dɑsdʒ⊐Oɥeɑʕlsɻ teɻ
fɳsdʒdɑOdɑʙlzdɑʃɥɻ fɳʃtsʔ Odʒdɸ LqʃqʃOlz ʞ LOsɻ dʒɹ lstsls tsʧʳ ls dʒsʞ ɻ ls fɳqdzʞ qlsʲ ʧteɑʃdʒɻ teɑsdʒɔsLdʒsʞ dɑsfɳsqʃ
ʕteɑʃdʒqʃdɑOdz dz ⊐ ɔdɑzʰ ɻ dɑʃʔ.

çɕ əɖʑʱ ɖʃɖzfɳtsɖʒʞ⊙ɖʒʁlzɖɟ, ɽɬstsɖʒjɖʑʷɖɟɬlsə⅂tsɖʒʞ⊙ɖʒʃɖʃ. ⅁tsɢʜ⊙ɖʒtsɖʃ ⊙fɳɳɖʃfɳtsjɖʑsʳ lzʁɟʜɖʃɖzʃfɳ, ɽɬstsəɖʑʱ ɟɖzʃj tɕjɢ⊙ɖʑʃʟtsə⊙ɖʑtsfɳ, fɳts⊙ɖzʃlzəɟtɕʷlsᵘ ɟɟ ə tsʁtɕ⊙lsɖʑtsɖʒ ɽɬstsʷə⅂tsɖʒʞ⊙ɬsj ɖʃtɕ⊙ʟɢtsə⊙ʞɕʃəO⁹ fɳɖjɬʔ. ɭ ts lzəɟtɕjɖzʞʃʷʁʳ ɖzʃ ɖʑ⊙ʃtɕ⊙fɳɖʐ, tsɖʑ⊙ʁʳ ɖʑ⊙lzʁɟɻɤʜjɖʑ⊙ɽɬstsɖʑ⊙ʜ ɖjɬʔ tʃtɕtsfɳtsts fɳɖʒjᵍ lsfɳʷ. ƨtsɢʜ⊙ʷ fɳts⊙ɖz tʃɟtɕjɢʜ ɖjɬʔ ɖʃ, ɢɖzʷʜʷɟʔ tʃtɕʃfɳts⊙ɖz ɖʑs ə ɢɖʑ⊙ʟ⊙⅁⅂tɕʃəO⊙lsᵘ fɳtʃtɕʃfɳzlsfɳtsəlzᵍʰ ɖʃɖʒʃə⅂tsɖʒʞ⊙ɬsj. ⊂ tʃtɕtsʜtsɖzɤ⊙⁹ lstsɖʑtsɖʒtʃtsɖzɖjɬʔʰ ɟɬʔ lzəɟtɕjɖzʞʑtsfɳtsɖʃ: "ɭʳ fɳ⅁əɟtɕɖʑ⊙ʷɤɟɖzʱ ɖʃɖʑ⊙ ⌈ əO⊙ɢtsʜ⊙ɖʑʞ⊙ʟ⊙ʜ əʳ tɕtsʜʃɖʃɖzʃfɳ tslsɖjɢɢtsɖʃʃəO⊙ʞɕʃəO⊙lsᵘ fɳ

Åð ʏ lsts ʞʝ ʷ ɘʘdʒɢtsɘtstɕʠdʑɘ ˡ lstsdʒ "fɲɡdʑ" ?

ɽ ʡ fɲʝsr ʜdʑs ʧtsɘlststɕʠlsɪ dʒsʠ fɲɡdʑsɘʘ ʆ ʜdʑʘʢts ʷ dʑʘfɲʝsʘʠɘʘʶ .

ƪ ʘʢtsdʑ ɥ tsdʑʘɢtsɘtstɕʠls:

ð ʝr fɲʄʘʟʘdʑʠ dʒdʑ, ʯlsts lz dʒʝ dʑʷ ʙr dztɕʝ ʙʝ dʑsʢ.

ð ɸ ʯlsts ʷ ʜʝ dʑʘdʑ?

ð ʝr ʢtsdʑtsdʑʠ dʒʝ dʑʷ ʙlzdʑʘɘʢtsʡ.

ð ɸ ʝʱ ʝ ʯlsts?

ɿ ʘdʑʠɘʘʷ fɲ ʢtɕʘfɲʄtsʡ, tsdʑʘ fɲlstɕdzʜtsdʒɘr ɢtsɘʘtɕʠɘʘʝ ls:

ð ƪ ʝls, dʑʝ ls, ˡ lstsɢts ʷ ʙr dʑ ʜtsʧlzfɲʝsʠdʑʘ, dʒdʑ ɘfɲ ʧtɕʠfɲɡdʑʠdʑsfɲ.

ð ʏ lsts ʞʝ ɘʘdʒʧtɕʠfɲɡdʑʠdʑsfɲ ?

ð ʏ lsts ɘr ... ʯlsts ɘr ʧtsʜdʑʷdʑʠ dʒdʑ ʧdʑʘlsɪ ʝ ʠ...è (Bemheim, 1889, tɕ. 79).

ʝ ʟʘʢdʑ ʯʝ dʑʠʝ ɹ ʝ tɕdʑɢʝ ʡdʒɢtsɘtstɕʠls: çʊʘʢʠdʒtsʙtɕʘʟtsdʒ dʒdʑ lzʜʘdʑsfɲ ɘr ʟɘʘlsɪ ɘtsfɲʧtsdʒʠdʑʘdʑʠʷ tsʙts ɘfɲdʒ ʯlsts ʷ ɢtsɘtstɕʠdzʠ ʜʝ dʑʘdz, dʒʝ ʞ ʜlz lsʝ dʒʢʘʢ ʜʝ ʡ fɲʝsɘʠlsʝ dʑ dʑs dʒsʞ dʑs ʙr dʑs ʙr ʧtɕʝ ʜʧtsdʑsʞ ʠlsɪ, ʯlsts tsdʑʘdʒʝ dʑʷ dʑ ɘʠʜʝ dʑʘ ƪ ʘfɲʘdʒsdʒʞʝ ʜʝ dʑ tsdʑʘdʒʝ dʑʷ ɘʠʜʝ dʑʘʠ fɲɡdʑ ʱ ʘdʑʘ, dʑ fɲɡdʒslstɕʷ dʑʘlsts ʯlsts fɲʧsɘʝ tɕʰ ʝ dʑdʑs dʒʝ dʑʷ dʑ ʟʘdʒʝ ʯʘdʑʘ ʊ ʙʝ ʞ ʜʝ dʑdʑʘʷ ɘdʑzʰ ʝ dʑʠʝ dʒɘ dʒsʝ dʒtslsfɲlsfɲʝsɘʠʠ, tsdʑʘʧtɕʝ ɢtɕʘʜʠdʑʘ ʜtsfɲʝslzʧ ɘ fɲʧsʟdʑʘdʑʠʝ ɘfɲdʒɘʧʝ ʯʘlsdʑ dʑʠʷdʒ ʠfɲʡtsʜʷʱ ʠdʒtsls dʒʝ dʑʷ. ʀ dʑʠ, ɘʝ tɕdʑʝ ɢtsɘtstɕʷ, ʝʝ ʧfɲɡʠʯʝ fɲʄʘʷ ʜʝ ʷlsʝ dʑ dʑsfɲʝsɪ tslsɘʝ tɕɢdʑʘɘfɲ lsʘʢʠʝ ɘtsfɲʧtɕʠʷlsʠʷ, ʢʘʢ lstsdʑ ʢts tsdʑʠ ʧtsfɲʝslzʧʘdʑʠ ʠʟɘdʑ, ʠ dʑʘfɲʝstsdʑ ʢts ʠ lzdʑʠʯlstsʞ ʠdʑʘ, ʯlsts ʷ ʙr fɲɡdʒsɢʧr lsʘlsɪ ʝʝ ɘfɲdʒʠ ʷʠʟʠʯʝ fɲʄʠdʒʠ ʠ dʒstɕʘdʑ dʑ dʒʠ fɲʧɕʝ ʜfɲʝsɘʘdʒʠ, tsdʑʘɘfɲ tɕʘɘdʑs dʑ ʟʘdʒʝ lsʠdʑʘʙr dʒʝ dʑʷ. ʝ tslsdʑsʰ ʝ dʑʠʠ dʒʝ dʑʷ tsdʑʘʙr dʑʘfɲɡdʑ ʧʘʠ ɢdʑʘ, ʧtstɕʘʞʝ dʑʘʧtsdʑdʑsʡ ʧfɲɡʠʯʝ fɲʄtsʡ ʘdʑ fɲʝsʝ ʟʠʝ ʡ: ɘfɲ ʯlzɘfɲʝsɘʝ dʑdʑ ʝ tɕʘʟʜtɕʘʞʝ dʑʠʷ, ʠfɲtsʜʠɘʰ ʠʝ tsls dʒʝ dʑʷ, tslsʷ ʠ ɘtsfɲʧtɕʠdʑʠdʒʘdʑʠfɲ, dʑs dʑ ʜtstsʜʠdʑʠ ʜts fɲʧsʟdʑʘdʑʠʷè (lsʘdʒʞʝ, tɕ. 80).

çʊtsls ʷ ʘʢls,ð ʟʘʷɘdʑʷʝ ls ɹ ʝ tɕdʑɢʝ ʡdʒð ʯlsts dʒsʞ dʑs ʧtɕtsʙlzʜʠlsɪ ɘtsfɲʧtsdʒʠdʑʘdʑʠʷ, ʢʘʟʘɘʰ ʠʝ fɲʷ fɲʧsɘʝ tɕʰ ʝ dʑdʑs ʠfɲʯʝ ʟdʑzɘʰ ʠdʒʠ ɘts ɘtɕʝ dʒʷ ɢʠʧdʑslʘ, ɢtsɘtstɕʠls ts lstsdʒ ʯlsts fɲʧsʟdʑʘdʑʠʝ dʑ lzdʑʠʯlstsʞʝ dʑs fɲʧsɘʝ tɕʰ ʝ dʑdʑs. ʉ tsdʒdʑʘdʒʙlzdʑʘdʑʠʢtsɢʜʘdʑ ʜʝ ʡ fɲʝsɘlzʝ ls ʢʘʢ ʘɘlstsdʒʘls, ʙʝ fɲʧsʟdʑʘlsʝ dʑ dʑs, dʑʘʧtɕtslsʠɘ, tsdʑʘ fɲɡdʑ ʰ ʠls, ɘʠʜʠls, ʧtsdʑʠdʒʘʝ ls ɘfɲ, ʯlsts ʧtɕtsʠfɲtsʜʠlsè (lsʘdʒʞʝ, tɕ. 80).

ʂ dʑʘfɲfɲɡʠʢ ɢʠʧdʑslsʠʟdʒʘʙʝ ʟlzfɲɡdʑsɘdʑs ʧtɕʘɘ: fɲʧsdʒdʑʘdʒʙlzdʑʘdʑ ʘɘlstsdʒʘls. ʝ ɢʠʧdʑsfɲʧsdʒdʑʘdʒʙlzdʑʠʟdʒʝ fɲʧstɕʘdʑʷʝ lsfɲʷ fɲʧsʟdʑʘdʑʠʝ. ʢ lsts ɘʠʜdʑs ʠʟ lstsɢts, ʯlsts ʟʘɢʠʧdʑslsʠʟʠtɕtsɘʘdʑdʑ ʡ dʒsʞʝ ls ɘr ʧtsdʑdʑʷlsɪ dʑ ʙlzʀ fɲʄtsdʑ lzɢtsʜdʑs fɲɡdʑsʞ dʑzʀ tɕʘʙtslslz, lstɕʝ ʙlzʀ ʱ lzʀ dʑʘʧtɕʷʞʝ dʑʠʷ ʠdʑsʝ dʑdʑ ʢlslzʘdʑ dʑ ʡ fɲɡʠdʑ ʠɢtɕʘlsɪ, ʢʘʢ ʘʢlsʝ tɕɘ lsʝ ʘlstɕʝ, dʒzʟr ʢʘdʑs dʑʘʢtsdʑʝ tɕlsʝ ʠ ls. ʧ. ʆ dʑdʒsʞʝ ls ʠɢtɕʘlsɪ ɘʰ ʘʡdʒʘlsr, ʠ ʡtstɕts-

[illegible]

[illegible]

[illegible] (Cheek, 1959, 1964 [illegible] 1964 6, 1966).

ʆ ʙtsʙʱ ʘʷ ɕʟʥsʞ ɉ ʥʥsɉ, ʤʳ ɘʈʃtɵʘɉ ʟʘʢʥ ɥɕlsᶦ : ʈʃɉ tɵɘtsɉ ð fɲʥ ɥʘɕ fɲtslsfɲlsfɲsɘɕɉ ʤ fɲsʟʥʘʥɕʷ ʥɉ tslsʥsfɲʷlsfɲʷ ʢ ɕfɲʢ lzfɲsɘɉ ʥʥs ɘʳ ʟɘʘʥʥsʤ fɲsʤʥʘʤʙ lzʥɕʟʤz. ɺ ɢɕʈʃʥsfɲsʤʥʘʤʙ lzʥɕʟʤɉ ʥɉ fɲsʟʥʘʥɕɉ lsɉ tɵʷɉ lsfɲʷ, ʘtslsfɲlzlsfɲsɘlzɉ ls *tsfɲsʟʥʘʥɕɉ*. ʀ ʥʘɥɉ ɢtsɘtstɵʷ, fɲsʤʥʘʤʙ lzʥʘfɲtsɉ ʈʃtsɘɉ ʜɉ ʥɕɉ ʥɉ ʢtsʥstɵtsʥɕtɵzɉ ls ʥɉ ɘfɲʥɉ ʜfɲsɘɕɉ ʥɉ fɲʈʃtsfɲsʙʥsfɲsɕ, ʘɘ fɲɕʥz tslsfɲlzlsfɲsɘɕʷ tsfɲsʟʥʘʥʥsʡ lzfɲsʘʥsɘʢɕ ʥʘ fɲʘʤsʢtsʥstɵtsʥ. ʆ ls ʟʘɢɕʈʃʥslsɕʟɕtɵtsɘʘʥʥ ʭ ɥʘfɲsts ʤsʞ ʥs lzfɲʥ ʰ ʘlsᶦ, ɥlsts tsʥɕ ɘfɲɉ ʈʃtsʥɕʤʘʥɕ, ʥs ʥɉ ʭtslsɉ ʥɕ ʢtsʥstɵtsʥɕtɵtsɘʘlsᶦ fɲtsɕ ʜɉ ʡfɲsɘɕʷ.

ɺ lststɵtsɉ : ɘʳ lsɉ fɲʥɉ ʥʥsɉ ɕʥɕ ʥɉ tsfɲsʟʥʘɘʘɉ ʤsɉ ʈʃtsʙlzʞ ʜɉ ʥɕɉ ʥɉ lstsʥ ʢts tsfɲsʘɉ lsfɲʷ ʜɉ ʡfɲsɘlzʶ ʱ ɕʤ ʥs ʥʘʙtsʥɉ ɉ ɢʥzʙtsʢtsʤ lztɵtsɘʥɉ fɲsʟʥʘʥɕʷ fɲlzʙʲ ɉ ʢls ʟʥʘɉ ls ts ɉ ɢts fɲlzʱ ɉ fɲsɘtsɘʘʥɕɕ. ʕ lsts fɲsʘʥs tsɥɉ ɘɕʜʥs ʈʃtsfɲʥɉ lstsɢts, ʢʘʢ ʈʃtsʙlzʞ ʜʘɉ ʤʳ ʡ tsʈʃɉ tɵʘlststɵtsʤɘfɲʈʃtsʤʥɕlsᶦ ʟʘʙʳ lstsɉ tɵʘʟɢɕʈʃʥslsɕʟɕtɵtsɘʘʥʥ ʡ ʥɉ ɢʢts ʈʃtɵɕʈʃtsʤɕʥʘʥʈʃtɵtsɕfɲʭtsʜɕɘʰ ɉ ɉ fɲʥɕʤɘ fɲsʤʥʘʤʙ lzʥɕʟʤɉ. ʆ ʙ ˩ lstsʤ lzʞ ɉ ʟʥʘʥzɢɉ ʥɉ tɵʘʥʅ ʘzʟɉ, ʢtslststɵtsʤz lzʜʘɘʘʥsfɲ ɘtsfɲʢtɵɉ ʰ ʘlsᶦ ʈʃtsʥʥsɉ ɕʥɕ ɥʘfɲsɕɥʥsɉ ɘtsfɲʈʃtsʤɕʥʘʥɕɉ ʈʃtsɥɉ ʤz-ʥɕʙts lzlstɵʘɥɉ ʥʥ ʭ fɲsʙʳ lsɕʡ. ɟ tɵɕ ˩ lstsʤ tsʥtsʙtɵʘlsɕʥzɘʥɕʤʘʥɕɉ, ɥlsts ɘfɲɉ ʈʃtsʤʥɕlsfɲʷ ɘ ʤɉ ʥ ɥʘʡʰ ɕʭ ʜɉ lsʘʥʷʭ, ʜʘʞɉ ɉ fɲʥɕ fɲsʙʳ lsɕʷ ʈʃtɵtsɕfɲʭtsʜɕʥɕ 10 ʥɉ ls lstsʤz ʥʘʟʘʜ.

ɺ ɢɕʈʃʥsfɲsʤʥʘʤʙ lzʥɕʟʤɉ ʈʃtsʷɘʥʷɉ lsfɲʷ ɘtsʟʤsʞ ʥsfɲsᶦ ɘfɲʈʃtsʤʥɕlsᶦ fɲsʜɉ tɵʞ ʘʥɕɉ ɘfɲɉ ɢts tɵʘʥɉ ɉ ʈʃtɵtsɕfɲʭtsʜɕɘʰ ɉ ɢts ʥʘʜtɵzɢɕʭ fɲɉ ʘʥfɲʘʭ fɲsʤʥʘʤʙ lzʥɕʟʤʘ çʜ tsʤʥʘʤʙ lzʥʘʈ ..,ð ɢtsɘtstɵɕls ɾ ʘʥɉ,ð ʢtslststɵzʶ ʷ lzfɲ ʈʃɕʥzʜɘʘtɵʘʟʘfɲʈʃtɵtsʤɉ ʞ lzlsʢtsʤɘ tsʜɕʥzɢtsʜ, ɘts ɘlststɵtsʡ tɵʘʟ ʈʃtsʜtɵtsʙʥs ɘfɲʈʃtsʤʥɕʥʘ tsʙts ɘfɲɉ ʤ ɥlsts tsʥʘʜɉ ʥʘʥʘʈʃɉ tɵɘʳ ʡ tɵʘʟ, ɕ ɘtsfɲfɲsʘʥsɘɕʥʘlsʘʢɕɉ ʜɉ lsʘʥɕ, ʢtslststɵʳ ɉ ʷ fɲʘʤfɲsɘɉ tɵʰ ɉ ʥʥs ʟʘʙʳ ʥz. ɺ fɲɉ lsɉ, ʢtsʤz ʈʃtɵɕʭtsʜɕʥsfɲ ʤʥsɢts tɵʘʟ lzfɲ ʈʃʥʷlsᶦ tsʜʥs ɕ lsts ʞ ɉ ʥɕɥts, ʤsɢʥɕ ʥʘʙʥ ʜʘlsᶦ ˩ lsts tsʙʳ ʢʥsɘɉ ʥʥsɉ ɕ ɘ lsts ʞ ɉ ɘtɵɉ ʤʷ fɲstɵʘʥʥsɉ ʷɘʥɉ ʥɕɉ è (ɾ ʘʥɉ, 1913, fɲ 72).

ɟ tɵtsʷ ɉ fɲfɲstɵ ʂ . ʐ . ɺ tsʥ ʷ ʘtɵls ʈʃtɵɕɘtsʜɕls ʈʃtɵɕʤɉ tɵ, ʢtsɢʜʘtsʜʥʘʜʘʤʘɘ fɲsʤʥʘʤʙ lzʥɕʟʤɉ ɘfɲʈʃtsʤʥɕʥʘts lstsʤ ɥlsts fɲʥɉ ʶ ʙʳ ʥs 13 ʥɉ ls ʥʘʟʘʜ ɘ ʘʥʘʥsɢɕɥʥsʤ fɲsfɲstsʷʥɕɕ. ɟ tɵɕʤɉ ɥʘsɉ ʥ ʥs, ɥlsts ʟʘɘfɲɉ ˩ lsts ɘtɵɉ ʤʷ ˩ lsʘɕʥʷ tstɵʤʘɥɕʷ ʥɕ tɵʘʟz ʥɉ ɘfɲʈʃʥ ɘʘʥʘɘ ɉ ɉ ʈʃʘʤʷlsɕ, lsts ɉ fɲsᶦ ʥɉ ʈʃɉ tɵɉ fɲslzʈʃʘʥʘʈʃtstɵtsɢ ɉ ɉ fɲsʟʥʘʥɕʷ (Wolfart, 1815). ɟ tsʥzɥʘɉ lsfɲʷ, ɥlsts ʤʳ ʟʥʘɉ ʤts ʈʃtɵtsɥɉ fɲfɲʘʭ, ʈʃtɵtsɕfɲʭtsʜʷʱ ɕʭ ɘʥzlstɵɕ ʥʘfɲ ʥs ʥɉ tslsʜʘɉ ʤ fɲɉ ʙɉ ɘ ˩ lstsʤtslsɥɉ lsʘ ʆ tsʞ ɉ ls ʙʳ lsᶦ, ʤʳ tslslstsɢts ʟʘʙʳ ɘʘɉ ʤ ɥlsts ɘ ɢʥzʙɕʥɉ ʜlzʰ ɕ ʟʥʘlsᶦ tsʙ ˩ lstsʤ ʥɉ ʭtslsɕʤ?

ɻ ɕʈʃʥsfɲsʤʥʘʤʙ lzʥɕʟʤð ʥɉ ɉ ʜɕʥfɲsɘɉ ʥʥsɉ fɲsfɲstsʷʥɕɉ, ɘ ʢtslststɵtsʤɘtsfɲfɲsʘʥsɘʥɉ ʥɕɉ lzlstɵʘɥɉ ʥʥ ʭ ɘtsfɲʈʃtsʤɕʥʘʥɕʡ ɘtsʟʤsʞ -

∫ ɑ[¬Ou[dzz tsʔʷ j ls

dʑs. ɹ teOʁtslsO¬ Odʑʒdɑʃʔ fɳʕtsɑʰts fɳʂʁɑʃteOlsj dzʷ ɑ[fɳʂststeɑʃʔ ts tʃOʁeOdʑsteɑʒOdz dz ¬ ʷədɟ dɑʃʷ¬ ʌ . ∫ OʔɟteɑfɳO dʒsʏ dʑs dʑ:ʔlsɑ[dʒɑʑsɑʰts tʃteɑ[dʒɟteɑsə, fɳɑʑ[ʰ ʕtsdʒʜdɑʃɑdɑʑz ¬, ʋʅstsʁʳ ɑ[¬ Lʜɟfʰ tʃteɑ[ətsʜɑ[lsᵍ , ə ʕtslststɑʳ ¬ fɳɑʑsəɑ[ʜɟ dɑʃ[j ʷəɑ[dʑsfʰ ətsfɳʃtsdʒ[dʑ:ɑʑ[j dʒʜteʑɑʰts, LOʁʳ lstsɑʰts dʑ:ʷəlz fɳɑʑsəɑ[ʜɟ dɑʃʷ (Myers, 1887, teɑ. 230).

ʀ lsOʕ, dʒʳ tʃteɑ[ʰ dɑ[ʕ lstsdʒz, ʋʅstsfɳʂdʒdʑ:ɑʑʁlzdɑ[ʋj fɳʕOʸ Odʒdɟ Lɑʃʷdɟdʑ:Oɹ ʏ -teɑɹ ᵻ fɳʂj ʔdzɑʰtsətsteɑ[ls, ʋʅstsʷ OʕlsfɳʂLʜOdɑʃʷ ɑ[lzdɑʃʋʅstsʏ j dɑʃʷ Odʒdɟ LɑʃɑʰʜtsʕOʳ əO j ls, ʋʅstsdʒsʏ dʑs lzʃteOədzʷlsᵍ tʃOdʒʷlsᵍ ʁ , ətsfɳʃtsdʒ[dʑ:ɑʑʷdʒɑʃ ð ʕtsteɑtsʋj ɑʰtsətsteɑʷ, fɳʂfɳʂtsʷdɑʑj dʒ fɳʂLdʑ:ɑʑʷ. ɹ dɑʑ[dʒOsj dz dz ʔ ʋɑ[lsOsj dz dʒsʏ j ls fɳʃteɑtsfɳɑ[lsᵍ : çɾ fɳʑɑ[lz fɳʂdʒdʑ:ɑʑʁlzdz fɳʂLdʑ:ɑʑj tʃteɑ[fɳʃzlsfɳʂəlzj ls, lsts tʃtsʋj dʒz dɟ fɳʂ¬teOdzʷj lsfɳʷ tʃteɟ ʜfɳʂədɟ dɑʃj ts lstsdʒ, ʋʅstsʃteɑtsɑ[fɳ¬tsʜɑ[dʑs?è l Odʒdɟ ɑ[Ləj fɳʂdz lzfɳʑsəɑ[ʷ tʃteɑtsɑ[fɳ¬tsʏ ʜj dɑʃʷ fɳʂLdʑ:ɑʑʷ, dɟ ʁlzʜj dʒdʑsdʒOsᵍ ɑtsdʑsəlz dʑ:Oʜ tʃteɑ[ʋɑ[dʑ:Odʒɑ[tʃtslsj teɑ[tʃOdʒʷlsɑ[tʃtsfɳʑj fɳʂdʒdʑ:ɑʑʁlzdɑ[LdʒO l Oᵘ lstsls ətstʃteɑtsfɳ ʕOʕ ɑ[dʑ:ətstʃteɑtsfɳ tʃtsʋj dʒz tʃteɑtsfɳʑlzəʰ ɑ[ʔfɳʸ ʋj dʑsəj ʕ dɟ tʃtsdʒdɑ[ls fɳʁtsɑ[¬ dʑsʋdz ¬ fɳʑsəɑ[ʜɟ dɑʃʔ, j fɳʑɑ[lstsdz ʕts tsdzɑtʃteɑtsfɳʑlzdzfɳʸ dɟ ə ʷ OɹɟtʃOʁeOʜtsʕfɳOdz dʑsɑʰts fɳʑ:) dʑ:OzʕOtslsəj lsOtʃtsʕOdɟ dʑ:Oʸ dʑ:O ɹ ɑ[tʃdʑsfɳʂdʒdʑ:ɑʑʁlzdɑ[LdʒlzfɳʂteOdzʷj ls Odʒdɟ Lɑ[ʁ

∫ tsʏ j ls Bʳ lsᵍ , dʒsLɢtʃtsdz Lzj lsfɳʸ Odʒdɟ Lɑ[j ʔ, ʋʅstsʁʳ tʃOʋɑ[j dʑs LOʁʳ dzdʒzʋɑ[lsj dz dz j ətsfɳʃtsdʒ[dʑ:Odɑ[ʷ? l Oᵘ lstsls ətstʃteɑtsfɳtslsəj lsOtʃtsʕOdɟ ls, LOstsɑ[Ləj fɳʂdʑs, ʕOʕ əj teɑdzlsᵍ ʋj dʑsəj ʕlz tʃOdʒʷlsᵍ . ɸ . ɹ lztɑtɑᵍ , ʜɑ[teɟ ʕlststɑʕdzɑ[dɑʃʕɑ[∫ tstɑfɳʕtsʔ dʒj ʜɑ[ʋɑ[dɑfɳʕtsʔ ʰ ʕtsdz ə ʈ tsʰ ʷ tstɑj , ɑ[ɻ . ɹ ʁ teɑts, Oʜʲ ʁ dʑ:ls-tʃteɑtsʷj fɳfɳstɑ ɹ lstsʔ ʏ j ʰ ʕtsdz , fɳʂtsʁʰ Oʸ ls, ʋʅsts 26-dɟ lsdzʷʷ ɹ ɑ[ʕlststɑ[dʑsO∫ . tʃtslsj tɑʷ dʑOtʃOdʒʷlsᵍ dʑ:Oəj fɳʰ tʃj teɑ[tsʜ ʏ ɑ[Ldʑ:ɑʃ, tʃteɟ ʜʰ j fɳʂəlzᵍ ʰ ɑ[ʔ j j ʁtsdɟ Ldʑ:ɑʃ. ʕ lsts tʃteɑtsɑ[Lts ʰ dʑs əʜteɑzɢ, ə dʒsdʒj dʑs fɳɑ[dz dʑsɑʰts tʃteɑ[tʃOʜʕOɹ ∫ ʜdʑ:Oʕts ʕOʕ lstsdz ʕts j j LO:ɑ[tʃdʑslsɑ[Lɑ[teɑsəOdɑ[, tsdʑ:Ofɳʑsə O ts ʕO Lʷ dʑ:Oʃʰ ə fɳʂfɳʂtsʷdʑ:ɑ[ɑ[tsʁtsLteɟ əOlsᵍ fɳʁtsᵍ tʃteɟ ʏ dzᵛ ᵍ ʏ ɑ[Ldz əts əfɳj dʒtsʁʲ j dʒj . ∫ ʜdʑsətɟ dʒj dʑ:dʑs fɳᵘ lsɑ[dʒdʒj dzʷ dʑsfʰ j j ʷ ɑ[Lɑ[ʋj fɳʕtsj fɳʂfɳʂtsʷdʑ:ɑ[j : j fɳʑɑ[ə ʁtsʜteɑfɳʂəlzᵍ ʰ j dʒ fɳʂfɳʂtsʷdʑ:ɑ[ɑ[tsdʑ:OfɳʂteʜOdʑ:Otʃtslsj teɟ ʔ ʋlzəfɳʂəɑ[lsj dz dʑsfɳʂɑ[, lsts ə GɑʃtʃOdʑsfɳʂdʒdʑ:ɑʑʁlzdɑ[Ldʒjʋlzəfɳʂəɑ[lsj dz dʑsfɳʂᵘ ətsfɳʃtsOdʑ:ədɑ[əOdʑ:Oɑʃʰ . ∫ ʜdʑ:Oʏ ʜʳ , ʕtsGʜOɑ[L-LOfɳʃdz dʑsGʰts ʜlzʰ j ədʑsGʰts

ʧtslstɕʷ fɳȷ dʑɕʷ dʑʘtɕdzʰ ɕdʑsfɳ˞ ȷ ȷ ʧfɳɕ͞ɕʮȷ fɳʄ̵ tsȷ tɕʘɘdʑsɘȷ fɳɕȷ ɕ ʮʘfɳȷsᴵ ȷ ȷ dʑɕʮdʑsfɳȷsɕ ʧtsɠtɕdzʟɕdʑʘfɳ˞ dʑʘ
ɠdʑdzʙɕdʑz, dʑȷ ʜtsfɳȷslzʧdʑz˞ fɳȷsʟdʑʘdʑɕʶ , lstsɠʜʘfɳȷsdʒdʑʘdʒʙlzdʑɕʮȷ fɳʄ̵ tsȷ fɳȷsfɳȷstsʷ dʑɕȷ ʧtsdʒsɠdʑs tslsʢ tɕ˞ lsᴵ
ʧtslsȷ tɕʷ dʑdʑzʶ ɠdʑdzʙɕdʑz.
ɹ tstɕɕfɳʉ ɕʜɕfɳ(1867ð 1923), ʘdʒȷ tɕɕʢʘdʑfɳʄ̵ ɕʡ ʧfɳɕ͞tsdʑsɠ ɕʟ ɻ ʘtɕɘʘtɕʜfɳʄ̵ tsʡ dʑʘʙtstɕʘlststɕɕɕ ʧfɳɕ͞tsdʑsɠɕɕ,
tɕʘfɳʄ̵ ʘʟ˞ ɘʘȷ ls dʑz ʙtsʧ˞ lsdʑzʶ ɕfɳȷststɕɕʶ . ʆ ʙfɳȷstsʷ lsȷ dz fɳȷsɘʘ, fɳʢtslststɕ˞ ͞ dʑʘʮɕdʑʘȷ lsfɳʷ ɺ lsʘɕfɳȷststɕɕʷ,
ʙtsdʑȷ ȷ ʮȷ dʒʙʘdʑʘdz dʑ˞ . ʅ ȷ ʢɕʡ ʶ dʑsʰ ʘ lztɕsʞ ȷ dʑȷ ɥ ɟ dz dʑsfɳɕdʑzʷ, dʑɕ fɳlstsɠts dʑɕ fɳfɳȷ ɠts ɘ˞ ɘʘdʑɕɘʘȷ lsfɳʷ
dʑʘʧtsɘtstɕslsȷ ɕʟ ʢʘtɕȷ ls˞ ɕ fɳȷtɕʘʟlz ʞȷ lsȷ tɕʷȷ ls fɳȷsʟdʑʘdʑɕȷ . ʆ lsʢ tɕ˞ ɘ ɘfɳʄ̵ tstɕȷ ɠdʑʘʟʘ, tsdʑʜȷ dʑʘȷ ls fɳɕdʑʘʙlzʶ
ʧtsʧ˞ lsʢlz ʧtɕɕʧtsʜdzʷlsᴵ fɳʷ, dʑs lsʱ ȷ lsdʑs. ɼ ʘdz dʑȷ ʡʰ ȷ ȷ ȷʱ ȷ ʮlzʜdʑȷ ȷ . ɟ ȷ tɕȷ ʜ ȷ ɠts tɕtsʜfɳȷsɘȷ dʑɕdʑɕʢʘdʒɕ
ʧtɕȷ ʜfɳȷsʘȷ ls tɕʘfɳȷsȷ dʑɕȷ , dʑɕ ʙtsdzʰ ȷ ɕ dʑɕ dʒȷ dzʰ ȷ . ʆ dzdʑɕʢtsɠts dʑȷ lzʟdʑʘȷ ls, dʑȷ ʟdʑʘȷ ls fɳȷsʙfɳȷsɘȷ dʑɕdʑsɠts
ɕdʒȷ dʑɕ, dʑȷ dʒsʞ ȷ ls ɠtsɘtstɕɕlsᴵ . ɺ tɕtsʜȷ ʙ˞ lzʧʘdzdʑȷ fɳʙtsdzʰ tsʡ ɘ˞ fɳȷsls˞ , ʘtslsʰ ɕʙ dʑȷ lststsdz ʢts ʧʘdʒʷlsᴵ ,
dʑs ɕ ɘfɳȷ ʜtɕdzɠtsȷ , ɘʧdʑslsᴵ ʜts tɕȷ ʷʷ dʑȷ ʢfɳȷsɘ. ʆ dzdʑȷ ʞ ɕls, ͞tsʜɕls ʧtsʜ fɳȷ ʙʷ, dʑʘdʑɕʮȷ ʙdʑzʞ ʜʘȷ ls
ʙȷ fɳfɳɕdʒ˞ fɳɕdʑȷ dʑdʑʘʷ lzdz˞ ʙʢʘ ʊ ʮɕlsᴵ dʑʘʮɕdʑʘ˞ ls ȷ ɠts fɳɕdʑʘʮʘdʑʘ, ʢʘʢ dʒdʑʘʜȷ dʑɭʘ, ɕ tsdzʜȷ dʑʘȷ ls ʟʘdʒȷ lsdz˞ ȷ
lzfɳȷʧȷ ͞ɕ. ɟ tɕtsʰ dʑs ʮlzlsᴵ ʙtsdzʰ ȷ dʒȷ fɳʷɥʘ
ʂ dʑȷ dʒz ʧtsfɳȷsȷ ʧȷ dʑdʑs fɳȷsʘdʑɕ ɘtsʟɘtɕʘʱ ʘlsᴵ fɳʷ tsʱ lzʱ ȷ dʑɕȷ ʧtɕtsfɳȷstɕʘdʑfɳȷsɘʘɕ ʢtststɕʜɕdʑʘʮɕʷ ʜɘɕʞ ȷ dʑɕʷ.
ʆ dzdʑʘlzʮɕdʑfɳʷ ʧȷ tɕȷ ʜɘɕɠʘlsᴵ fɳʷ ɕ ȷ fɳȷsᴵ ʙȷ ʟ ʧtsfɳȷststɕtsdʑdʑȷ ʡ ʧtsdʒsʱ ɕ. ɟ tɕɕdʒȷ ʮʘlsȷ dz dʑs, ʮlsts tsdzlzʟdʑʘȷ ls
fɳɕtsɕ͞ ʜtsdʒsʮʘʜʮȷ ɘ ɕ ʜtɕdzʟȷ ʡ dʑȷ ʧtslstsdʒz, ʮlsts ɘfɳȷʧtsdʒdʑɕdzɕ͞ ɘdʑȷʰ dʑsfɳȷsᴵ , ʘɘfɳɕdʑȷ ʜfɳȷsɘɕȷ lstsɠts, ʮlsts
lstsdz ʢts ʮlsts fɳdʑɕdʒɕ ʧtsʟdʑʘʢtsdʒɕdʑfɳʷ. ʊ dʑȷ ɠts dʑȷ ls ʧtslsȷ tɕɕ ʧʘdʒʷlsɕ dʑʘlsȷ ʢlzʱ ɕȷ fɳȷsʙ˞ lsɕʷ
(ʘdʑsȷ tɕtsɠtɕʘʜdʑsʡ ʘdʒdʑȷ ʟɕɕ), ʟʘlsts ʧtsdʑdʑȷ ʡʰ ʘʷ ʧtslsȷ tɕʷ ʧʘdʒʷlsɕ dʑʘfɳȷsʙ˞ lsɕʷ, ʧtɕȷ ʜʰ ȷ fɳȷsɘtsɘʘʰ ɕȷ
lstɕʘɘdʒȷ (tɕȷ lstɕtsɠtɕʘʜdʑʘʷ ʘdʒdʑȷ ʟɕʷ). ʊ̄ ȷ dʒdʑȷ dʒȷ dʑȷ ȷ ʮlzɘfɳȷsɘlzȷ ls tsdzfɳȷ ʙʷ ʧtɕȷ ɘtsfɳ͞tsʜdʑs. ɼ ɠts
fɳȷstsʙtɕʘʟɕlsȷ dz dʑsfɳȷsᴵ , tɕʘfɳȷlzʜɕlsȷ dz dʑsfɳȷsᴵ , tsfɳȷstɕtsȷ tɕʘʟdʑɕʮȷ dʑɕȷ lstsdʑʢtsfɳȷsȷ ʡ ɕ dz ʙtsʟdʑʘlsȷ dz dʑsfɳȷsᴵ
lzʜɕɘdzʷʶ ls tsʢtɕdzʞ ʘ˞ ʱ ɕ͞. ʆ dzlsȷ tɕʧȷ dʑɕɘ, ɘ dʑȷ dʒdʑȷ ʟʘdʒȷ ʮʘȷ lsfɳʷ fɳʄ̵dʑsdʑdʑsfɳȷsɕ ʢ tɕʘʟʜtɕʘʞ ɕlsȷ dz dʑsfɳȷsɕ;
ȷ ʜɕdʑfɳȷsɘȷ dʑdʑsȷ , ʮlsts ɘ˞ ʟ˞ ɘʘȷ ls lz dʑȷ ɠts dʑȷ lzʜtsɘtsdz fɳȷsɘɕȷ ,ð ɺ lsts dʑȷ ɠʘtɕdʒsdʑɕʮdʑsȷ fɳȷsʮȷ lsʘdʑɕȷ ʮɘȷ lstsɘ
ɕdʑɕ ʟɘlzʢtsɘ, fɳʄ̵ʘʙtɕȷ ʟdz˞ ȷ ɘ˞ tɕʘʞ ȷ dʑɕʷ, dʑȷ ʧtɕɕʷlsdz˞ ʡ ʟʘʧʘ͞. ʆ dzɘʧtsdʑdʑȷ ʢlzdz lslztɕȷ dz͞tstɕtsʰ ts
ɘtsfɳȷʧɕlsʘdzɕ ɘtstsʙʱ ȷ lstsdʑʢts ʮlzɘfɳȷsɘlzʶ ʱ ɕʡ ʮȷ dʑsɘȷ ʢ.
ʅ ts ʮlsts ɺ lstsʔ ʈ tsʜdz˞ ȷ lzɘȷ tɕʷʶ ls, ʮlsts ɺ lsts ʜtɕdzɠtsʡ ʮȷ dʑsɘȷ ʢ, lstsdz ʢts ɘdʑȷʰ dʑȷ ʧts͞tsʞ ɕʡ dʑʘɕ͞ fɳ˞ dʑʘ ʊ
ɺ lstsɠts ɕdʑsʡ ͞ʘtɕʘʢlsȷ tɕ, ʜtɕdzɠɕȷ dʒʘdʑȷ tɕ˞ ɕ ɘʢlzfɳ˞ , dʑȷ ʧts͞tsʞ ʘʷ tɕȷ ʮᴵ , dʑʘʢtsdʑȷ ɥ, ɕdʑsʡ fɳȷstɕtsʡ dʒ˞ fɳɕdʑɕ.
ʆ ls ɕ͞ fɳ˞ dʑʘtsfɳȷsʘdʑsfɳ˞ lstsdz ʢts ɕdʒʷ, ʧtɕtslsɕɘ

ʄ ɋ꞊ʘɋdzʐ ʦʡʬ ʝ ʪ

ʢʦʪʦʦʨʦɢʦ ˩ ʪʦʪ ɰʝ ʣʦɘʝ ʢ ʥʆɰʝ ɢʦ ʥʝ ɋʤʝ ʝ ʪ. ɼ ʦʢʪʦʦʨ ʉ ɋʜɋʩɭʙʝ ʞ ʜʝ ʣ, ɰʪʦʦ ʧʘʤʬʪ ʫ ʝ ɢʦ ʧʘɥɋʝ ʣʦʘ
ɋʩɰʝ ʟʣʘʥʝ ʙʝ ʩʩɢʥʝ ʜʣʦ: ɘʝ ʩ ʧʨʦ ʣ ʡ ʦʧ ʪ ʧʨɋʪʘɋʣʩ ɘ ʢʣʘʜʦɘ ꞊ ʧʦʜʩʦʟʣʘʥ ʷ. ʊ ʥʝ ɢʦ
ʣʘʨʣ ʝ ʣʣɋ ʧʨʦɰʝ ʩʩɘʦʩʧʨʦɋʟɘʝ ʜʝ ʣɋʷ. ʉ ɘʦʝ ʡ ʜʦɢʘʜʢʝ ʉ ɋʜɋʩ꞊ʦɰʝ ʪ ʣʡ ʪɋ ʧʦʜʪɘʝ ʨʞ ʜʝ ʣɋʝ ɘ
ʩɢʣʘ꞊ ʧʘɥɋʝ ʣʦʘ, ɋʙʦ ʝ ʩɢʣɋ ʙɭʜɭʪ ʩɢʣɋʪ ʩʬ ˩ ʧɋʟʦʜ ʧʨʦ ʣʦʡ ʞ ɋʟʣɋ, ʟʣʘɥɋʪ, ʦʧ ʪ ʣʝ ɭʪʨʘɰʝ ʣ
ʉ ɋʜɋʩʧʨʦʩɢɋʪ ʝ ɢʦ ʟʘʧʦʣʤɋʪ ɋ ʨʘʩʩʢʘʟʘʪ ɋʩʩʢʘʟ. ɺ ʩʢʦʨʝ ɘ ʷʩɢʣɋʣʦʩɨ, ɰʪʦʦ ʦʣɘɋʜɋʪ ç ʜɘʘ
ʩʧʦʨʘʘʩɢʣʦɘè: ʧʝ ʨɘ ʝ ð ʥʝ ʷʩɢʣ ʝ ɋ ʧʦɰʪɋ ʥʝ ʟʘʧʦʣʤɋʣʘ ɦ ɋʝ ʩʬ ɋ ɘʪʦʦʨ ʝ ð ʷʨʢɋʝ ɋ
ʙɘʥʝ ʢʘʪʝ ʣ ʣ ʝ. ʉ ʦʜʝ ʨʞ ʘʣɋʝ ʧʝ ʨɘ ꞊ ʧʦʣʣʣʦʩʬʪ ʦʪʣʣʦʩɢʪʩʬ ʢ ʝ ɢʦ ʪʝ ʧʝ ʨʝ ʥʝ ʡ ʞ ɋʟʣɋ, ɘʪʦʦʨ ꞊
ð ʢ ʧʨʦʦ ʣʦʡ. ɭ ʦ ɘʩʝ, ɰʪʦʦ ʝ ʤʣ ʩʢʘɋʪʩʬ ɘʦ ɘʪʦʦʨ ꞊ ʩɢʘʘ꞊, ʦʣʣʥʝ ʧʨɋʟʘʤʘ ʪ ʙʦɋʤ ɢʨʝ ʟ,
ʩʪʦʨʘʘʣʘʣ ʝ ɘɋʜʝ ʣɋʷ. ʆ ʣɋʟʣʤʥʝ ʣ, ʢʦɢʜʘʝ ɢʦ ʦʪʝ ʪ ʜʦʪʧʦʣʦʣʝ ʝ ɢʦ ʨʘʩʩʢʘʟʘʪ. çʂ ʘʢ ʪ ʜʦɢʘʜʘʣʤʩ,
ɰʪʦʦ ʙ ʣʦ ʥʘʧɋʩʘʣʘ ʣʘɘ ɘʝ ʩʢʝ ? ð ɘʦʩʢʣʝ ʦɋʩʦʝ ʪ ʦʣʘð ɕ ʞ ʝ ɘɋʜʝ ʣʝ ʝ ɘʦ ʩɢʣʝ !è

ɹ ʦʪɋʩʜɭ ɋʜɋʩʧɢɋʪʣʦʪɋɋʟʝ ʪ ʝ ɢʦ ɋ ʪʝ ʜʘʣɢʝ ʪ ʦʢʣʘʪʟʢʘ ɘʩʝ, ɰʪʦʦ ʧʨɋ꞊ʦʜɋʪ ʝ ʣʦʝ ɘ ɢʦʣʘɘʟ: ɘ
ʟʥʝ ʙʦʣ ʣʘɢʦ, ʧʦʜʦʙʣʘ ɘʩʧ ʜ ʢʝ ʩʝ ʪ, ɘʩʧ ꞊ɋɘʘ ʪ ɋʥʝ ʣʘ ʣʘɋʪ ʷ ʪʘʣ , ɰʝ ʥ ʝ ʦʪʦʨ ɘʢɋ ɋʣ
ʢʣɋɢ, ʩʦʙ ʪɋʷ, ʢʘʪʦɋʣ ʥʝ ʩʣ, ɢʜʝ ʦʣʙ ɘʘʟ. ʇ ʦʦʦʤɘʩʝ ɋʩɰʝ ʣʝ. ʇ ʦʜ ɘʥɋʷʥʘʝ ʤɢɋʪʥʣʘʟ
ʁ ʣʘʦ ɋ ʪʘʜɘʘɋɘʝ ʣʩʬ ʥɋɭʣʘʩʣʩ. ʉ ʪʘʝ ʝ ɘʦʩʧʪʦʤɋʣʘʘʷ ʢʪɋʩʘʘʣɋʟʁ ʣʩʬ ɘ ʩʙ ʷʣʥ ʡ ʦʪʩ ʣɋ
ʜʦʩɋʩɢʘ ʣ ʟʪʘʦɘʥ ʩʦʣʘʘʷ. ʆ ʥʨʣɋʩʟʜ ʣʦʙʦ ɘʩʝ ʤ, ɰʪʦʦ ʣʘʟʪʝ ʞ ʜʝ , ɋ ʧɋʜ ʝ ʪɋʩʥʣʘɭʥ ʤ
ʧʦɰʝ ʪʢʤ ʪɋʩʨʘɭɋʥʝ ʥʘʷ ʧʦ ʷ ɋʥʘɋʩʬ ʷ ɋɋ, ʢʦʪʦʦʨʘʡ ʦʣʘʟ ɭɋʣʩɘ ʦʧʘʜʝ ʥʘʷ. ʆ ʣʩʧʣʘʝ ʪ, ɰʪʦʦ ʥʝ ʣʜʦʦʨʘɘ,
ɋ ʧʨʘʡ꞊ʦʜɋʪ ʥʝ ɰʝ ʥʘʝ. ʂ ʦʪʘʪʢʢʦ ɢɋʧʣʘʪʪɋɭɋʷ ð ɋ ʦʣʘʟʞ ʝ ɋʣʘʡ ɰʝ ʣʘɘʝ ʢ, ʣʘɰʝ ʢ ʥʝ ʣʦʦ ɦ ɋʡ ʦ
ʧʦʦʝ ʤ ʧʨʘʦʣʘʤ ʦʣʘʟ ʆ ʣʘʤʝ ʣʘ, ʩʧʦʙ ʪʦɋʣʝ ʣʘ, ʩʦʞ ʝ ʧɋ ʝ ʣʩ ɰʝ ʣʘʷ ɋ ʩʦʞ ʝ ʧʦ ɋʣʘʪʩ ɋɋ,
ʢʦʪʦʦʨʘʤ ʘɭʟʘʣɋʟɭʣʩ; ʧʦɰʝ ʪʢ ʟ ʥʝ ɢʦ ʜʝ ʩʧʢɋʡ: ɘʝ ʜ ʦʣʘʘʟɭɋʣʘʥ ʧɋʧʘʣʩ ɘʧʝ ɢʦ ʜɘʦʤʝ ʧʨ ɭʦ
ʥʘʣʦ. ʅ ʦ ʧʦʧʨʣʝ ʧʝ ʣʘʥʘ ʦʙʝ ʥʘɭʣʘʩʩɋ ʧʘɋɘʘ ʣʩ ɘ ʦʜʣʘʟ, ʧʘɭɋʝ ʣʘ ɘʦʣɘʘ ɦ ʘʣʩʧʨ ʢ ʧʦʦʩɋʤ
ʦʙʨ ɭʥʝ ʤʣʘʟʣɋʷʤ ʦʥʣʣʦʦʦʦɘ ɋ ʦʙʦ ɘʧʝ ꞊ ʧʦʦɋ꞊ ʧʝ ɘɦ ʝ ʥʘʷ꞊ ʣʘʟ ʪ ʣʦʥ ʢʦ ɋʣ ʘʟʣʘʢʦ
ʜʦʤʘ ʥʘ꞊ (ʉ ɋʜɋʩʧ 1902, ʧʩ 308).

ʂ ʦʟʧʥ ʡ ʬ ʘʝɭʟʣʩʧɋʡ ɋʩʩʧʟʝ ʜʦɘʣʝ ʥ ɢɋʧʣʘʣʘʪ. ʐ ʝ ʦ-ʪʦʢ ɢʦɘʦʦʪɋʪ, ɰʪʦʦ ɘʦ ʤʘʣɢɋ꞊ ʧʟʝ ɭʘʷ꞊
ɢɋʧʣʘʩʧʦʤʘɘʤʙɭʥʦɋʣʤ ʷɘʣʝ ʧʨʦ ˩ ʬ ʬ ʝ ʢʪɋɘʣʝ ʤɋ ʝ ʜɋʥʘʩɘʝ ʥʝ ʤ ʧʦɘ ʜʩɘʦʤʥ ʝ ɘʦ ʥʝ ɋʷ ʘʤʥɋʡ. ʇ
ʧʦʜʦɘʝ ʞ ʜʝ ʥʘʝ ʧʦʦɋ꞊ ʧʟʦɘ ʦʥʧʦɋɘʦʜɋʪ ʧɋɋʤʝ ʦ, ʢʦʪʦʦʨ ʡ ʤʨ ʥʝ ʤʥʘʩɢʦ ʧʦʢ ʦʟʘʪɋʥʘɋ. çʄ ʥʝ
ʧʝ ʜʧʦʟɘɋʥɋ ʙʦʥ -

dʑ lʑʁ . ʆ dʑʘlʑlsɘȷ tɕʞ ʜʘdʑʘ, ʮlsts dʑ ʟʘdʒʑʞ dʑʷʷ ʗ ʮlsts ȷ ʡ 22 ɢtsʜʘ, ɘ lsts ɘtɕȷ dʒʷ ʢʘʡ ɘ ʜȷ ʡ fɳsɘʗlsȷ dʑ dʑsfɳsʗ ȷ ʡ

ʙʳ dʑs 34 ɢtsʜʘʗ tsdʑʘʗdʒȷ dʑʘdʒʑʞ ʘʗ fɳ dʑʘ. ɫ tsfɳʤ ʜdʑʆȷ 12 dʑ ls ʞ ʗʟdʑʆ ɘʳ ʧʘdʑʗ ʗʟ ȷ ȷ ʧʘdʒʷlsʗ. ʗ tɕȷ ʰ ʗdʑʟʘʜʘlsᴵ ȷ ʡ ɘtsʧtɕtsfɳɘ ɢʗʧʤsʟȷ ts ȷ ȷ ɘtsʟtɕʘfɳsȷ . ɹ ȷ ʟ dʒʘdʑ ʡʰ ʗ ʢtsdʑ ʙʘdʑʆʡ tsdʑʘtslsɘȷ lsʗdʑʘ, ʮlsts ȷ ʡ 34 ɢtsʜʘʗ ʮlsts lʑ dʑȷ ȷ fɳsᴵ fɳʰ . ɿ ʘlsȷ dʒʷ ɘdʑʰ ʗdʑȷ ʡ, ʮlsts ʧtsfɳʤ ʧtɕtsʙlʑʞ ʜȷ dʑʆʷ tsdʑʘfɳdʑsɘʘ

ɘfɳʧtsdʒdʑʆls ʧtsfɳʤ ʜdʑʆȷ ʜɘȷ dʑʘʜʮʘlsᴵ dʑ ls fɳtsȷ ʡ ʞ ʗʟdʑʆ. ʊʘʡ ʗ fɳdʑʮʗdʑsfɳ ...è (ʐ ȷ tɕtstsʢ, 1982, fɳ 29). ʊȷ ʧȷ tɕᴵ dʑ fɳʢtsdʑ ʢts ʧtsɘȷ tɕdʑ dʒɘtsʧtɕtsfɳɘ ʜtɕdʑɢlʑʁ fɳstststɕtsdʑ. ʆ tsʞ ȷ ls fɳsʟʜʘlsᴵ fɳʷ ʗdʑʁ ʟʗʷ, ʮlsts ȷ fɳdʑʆ ɘ ɢʗʧʤsfɳsdʒdʑʘdʒʙlʑdʑʆʮȷ -fɳʢtsdʒ fɳsfɳstsʷdʑʆʗ tɕʘfɳststɕdʒʘʞ ʗɘʘʳ lsfɳʷ ʗ ʘʡlsʗɘʗʟʗtɕdʑʁ lsfɳʷ ʜʘʞ ȷ lsȷ fɳdʑ ʜtsɘʳ ȷ ʧtɕtsʮȷ fɳfɳ , ʢtslstɕʳ ȷ , ʢʘʟʘdʑsfɳ ʙʳ , ʙȷ ʟɘtsʟɘtɕʘlsdʑs ɘʳ lsȷ fɳdʑ dʑ ʗʟ ʧʘdʒʷlsʗ, lsts dʑʘʜts tsʞ ʗʜʘlsᴵ , ʮlsts ʘʡlsʗɘʗʟʘʮʗʷ ɘ ɢʗʧʤsʟȷ ʜȷ ʡfɳsɘȷ dʑdʑ ʭ ˩ dʑɢtɕʘdʒdʒ fɳʷʟʘdʑdʑ ʭ fɳfɳsʙʳ lsʗʷdʒʗ ʗ tsʙtɕʘʟʘdʒʗ ʙtsdʑ ʰ tsʡ ʟdʑʘʮʗdʒsfɳsʗ, ʙlʑʜȷ ls ʧtɕtsʷɘdʑʷlsᴵ fɳʷ ʟdʑʘʮʗlsȷ dʑ dʑs fɳʗdʑ dʑȷ ȷ , ʮȷ dʒ˩ lsts ʗdʒȷ ȷ ls dʒȷ fɳsts ɘ ʙtsʜtɕfɳsɘlʑʁ ɦ ȷ dʒ fɳsfɳstsʷdʑʆʗ.

ɩ ʘʰ fɳsʙfɳsɘȷ dʑdʑ ʡ tsʧʳ ls fɳʗʜȷ lsȷ dʑ fɳsɘlʑȷ ls, ʮlsts ȷ fɳdʑʆ ʘdʒdʑʟʗʷ dʑ ʷʷlʑdʑʮʗtsdʑʘdʑ dʑʘʷ (ʗfɳsȷ tɕʗʮȷ fɳʢʘʷ, ɢʗʧʤslsʗʮȷ fɳʢʘʷ), lsts ɘ ˩ lstsdʒ fɳdʑʮʘȷ ʗdʒȷ ʁ lsfɳʷ ʙtsdʑ ʰ ʗȷ fɳdʑsʞ dʑsfɳsʗ fɳ ɘtsfɳfɳsʘdʑsɘdʑ dʑʆȷ dʒlʑlsȷ tɕʷdʑdʑ ʭ fɳdʑ ʜtsɘ ʧʘdʒʷlsʗ. ʂ ts dʒdʑ tsʙtɕʘlsʗdʑsfɳ tɕdʑʢtsɘtsʜfɳsɘts tsʜdʑsɢts ʗʟ dʒsfɳʢtsɘfɳʢʗʭ ʊ ɹ ɼ fɳʧtɕtsfɳ ʙtsʡ ɘʳ ʷfɳdʑʆlsᴵ , ʢʘʡʗdʒtsʙtɕʘʟtsdʒʧtɕtsʧʘdʑʧʗfɳstsdʑ ls lʑ ʟʘdʒ dʑʘʮʘdʑ dʑʆʢʘ tslsʜȷ dʑ dʑʆʷ dʒʗdʑʆʮʗʗ ʧts lʑɢtsdʑsɘdʑsdʒlʑ tɕtsʟʳ fɳʢlʑ. ʉ ʘdʒtsdʑʧtsʷfɳdʑʆlsᴵ dʑʆʮȷ ɢts dʑ dʒsɢ, lsʘʡ ʢʘʡ ɘ lstsls ʟdʑsʧtsdʑʮdʑ ʡ ʜȷ dʑ ʙʳ dʑɘ fɳsfɳstsʷdʑʆʗ fɳʗdʑ dʑsɢts ʘdʑtsɢtsdʑ dʑsɢts tsʧᴵʷdʑ dʑʆʷ. ɸ dʑtsɢtsdʑ dʑʘʷ ʘdʒdʑʟʗʷ, ʢʘʡ ʗʟɘȷ fɳsdʑs, fɳsʗtɕʘȷ ls fɳdʑ ʜʳ ɘ ʧʘdʒʷlsʗ. ʂ fɳʮʘfɳsᴵ ʁ , dʒdʑ dʑ ɢʢts lʑʜʘdʑsfɳ ʧtsɢtɕdʑʟʗlsᴵ ȷ ɢts ɘ fɳsfɳstsʷdʑʆȷ ɢʗʧʤsfɳsdʒdʑʘdʒʙlʑdʑʗʟdʒʘ, ʮlsts ʙʳ ɘʘȷ ls dʑ ʮʘfɳsts. ɹ dʑʰ ʘʷ ȷ dʒlʑ ɘtsfɳfɳsʘdʑsɘʗlsᴵ ɘ ʧʘdʒʷlsʗ fɳsʙʳ lsʗʷ tɕtsʢtsɘtsɢts ɘȷ ʮȷ tɕʘ, ʷ ʞ ʜʘdʑʧtsʜtɕtsʙdʑsɢts tɕʘfɳfɳʢʘʟʘ ʊtsdʑ ʢts ʧtsfɳʤ dʑ tsʜdʑsʢtɕʘlsdʑsɢts dʑʘʞ ʗdʒʘ tsdʑfɳsʘdʑɢtsɘtstɕʗlsᴵ . ɫ tɕʗʧtsdʒdʑʆdʑ, ʢʘʡ ɘ lstsls ɘȷ ʮȷ tɕ fɳʧtɕʗʷlsȷ dʑ dʒ ʗ ʟdʑʘʡtsdʒsʡ ʞ ȷ dʑ ʗdʑsʡ ʧtɕtsɘtsʜʗdʑ ɘtɕȷ dʒʷ ɘ tɕȷ fɳststɕʘdʑ, ʢʘʡ tɕʘfɳʧ dʑʘlsʗdʑfɳʷ ʗ ɘʳ ʰ ȷ dʑdʑʘlʑdʑʆʮlʑ. ɹ fɳʧtsdʒdʑʆdʑ, ʮlsts dʑsɘʗdʑdʒʘ ʗdʑ. ɼ ʘdʑ ȷ ɘtsfɳʧtsdʒʗdʑʘdʑʆʷ dʑsfɳʗdʑʆ ʭʘtɕʘʡlsȷ tɕtsʙtɕʳ ɘʢtsɘ ʗʟ tɕʘʟdʑʆʮdʑ ʭ fɳʗlslʑʘʮʗʡ: ç...ʙʳ dʑɘ ʢʘʡtsʡ-lsts ʢɘʘtɕsʗtɕȷ , ɘtɕtsʜȷ ʙʳ ɘʳ ʰ ȷ dʑʗʟ dʑȷ ȷ fɳʧtstɕslʑʧȷ ȷ ʡ, dʑs ʢtsɢʜʘʧtsʜ lʑlstɕts ʧtɕʗʰ ȷ dʑɘ tslsʜȷ dʑ dʑʆȷ ð tstɕdʑʞ ʗʷ dʑ ʙʳ dʑs...è ʅ ʜȷ ʧtɕtsɘȷ dʑʧtɕtsdʒȷ ʞ lʑlstsʢ ɘtɕȷ dʒȷ dʑʆ dʒȷ ʞ ʜlʑ ʧtsfɳȷ ɦ ȷ dʑʆȷ dʒʢɘʘtɕsʗtɕʳ ʗ tslsʜȷ dʑ dʑʆȷ dʒ tslsɘȷ lsʗlsᴵ dʑ fɳdʒsɢ ʗdʑʗ dʑ ʟʘʭtslsȷ dʑ. ʂ tstɕtsʮȷ ɢtsɘtstɕʷ, ɢdʑʘɘdʑsɢts ʜtsʙʗlsᴵ fɳʷ dʑ

∫ ɑ[⊐ⱷɑ[ɑzz, ts2ʷʷj ls

lzʜⱷɑzsfɲ.ɪ tɑɔ[ʯɑ[ɑʞⱷlstsɢts, ʯlsts ʕⱷɑsɑ[ɑʞⱷʃtɑtsɑ[fɲ⊐tsʜɑ[ɘʰ j,ɢts ɘ lslz tɑtsʕtsɘlzᵡ ɑzsʯᵘ ɑj ɘtsfɲʃsⱷɑzsɘɑ[ɑⱷfɲ, ʟⱷʕɑzᵛ ʯⱷ)lsfɲʸ ɘ ⱷɑzʕtsɢtsɑzɑzs2 ⱷɑ3ɑjʟɑ[ɑ. ∫ ɑʞⱷ ʕⱷʕ tstɑɢⱷɑzɑ[ʯj fɲ⊐ⱷʸ ⱷɑ3ɑjʟɑ[ʷ, fɲɑ3ʳ ɑʞⱷɑ3ɑjʟɑ[ʷ, fɲɑjʜʳ , ɘ fɲɘʷʟɑ[ɲʯj ɑ3ɢɑ[ʃɑzsfɲsɑ3ɑʞⱷɑzɘlzɑ[ʟɑ3ɑ[⊐ ɘtsfɲʃtɑj fɲɑ[lsᵘ ɑj fɲɑ3sɢ.

∫ tsʏj ls вʳ lsᵘ, ɑj tsв⊐tsʜɑ[ɑ3s вʳ ɑzs ɘfɲstɑj lsɑ[lsᵘ fɲʸ j ʰ j tʃⱷɑlz tɑⱷl, ʯlsts вʳ fɲɑlzʷlsᵘ lstɑj ɘtsʏ ɑzʯᵡ lzfɲsⱷɑzsɘʕlz, lsⱷʕ ʕⱷʕ ɘ lⱷɘɑ[fɲɑ[ɑ3sfɲsɑ[tslstslsɑzsʰ j,ɑzʕ2 fɲtsʃj tɑⱷlsttɑtsɑ3lⱷʕɑ[ʃɑzslsɑ[lɑ[tɑtsɘⱷɑzlz 2 ɑ3sʏj ls ɑ[ɑzɑ[tʃtɑɔ[tʃtsɑ3ɑ[ɑʞⱷsᵘ, ɑ[ɑzɑ[tslsʕⱷlⱷlsᵘ fɲʸ tslsfɲsltɑzʜɑzʞ[ʯj fɲsɘⱷ.I fɲɑlzʯ(ʕ) j,fɲɑzɑ[tstʃj tɑⱷlsttɑc ɑj tʃtɑj ʜfɲsⱷɘɑzʷj ls fɲʸ ɑzɑ[ʯɑzsfɲsᵘᵡ, ɑj fɲʸʰ j ʔ lzɢtɑtsʟlz, lsts tslsʕtɑtsɘj ɑzɑlz 2 ʜɑ[ⱷɑzsɢ(tʃtɑɔ[ʟɑʞⱷɑzɑ[j) ɑ3sʏj ls fɲsfɲsᵘʷlsᵘ fɲʸ. ʊⱷʕʏj ɑj ɑ[fɲʃɑz ʯj ɑzs, ʯlsts tsɑzɑʞⱷɑ3j tɑj ɑzɑzs fɲʃtᶜ ɘⱷɑzʃtɑtsɑ[fɲʰ j ʜʰ j,j, ɑ[вts tʃtɑɔ[ʟɑʞⱷɑzɑ[j ɘj ɑzs ʕ ɑʞⱷʕⱷʟⱷɑzɑ[ᵡ .

∫ tsʏj ls вʳ lsᵘ, ɘ çlsj ɑ3ɑzsɑ3 fɲsʟɑʞⱷɑzɑ[ɑè fɲs⊐tɑⱷɑzʷɑzsfɲ tsfɲsʟɑʞⱷɑzɑ[j ɑ[fɲsɑ[ɑzɑzsɢts tʃtsɑzsʏj ɑzɑ[ʷ, lsts j,fɲsᵘ tstʃⱷɑzsfɲsɑ[tɑⱷltsвɑʞⱷʯj ɑzɑ[ʷ (tslsᵘ lstsɢts lⱷɘɑ[fɲɑ[ls, ɘfɲslzʃⱷ)ls ɑ[ɑzɑ[ɑj ɘfɲslzʃⱷ)ls ɘ ʜj2fɲsɘɑ[j tʃfɲɑ[⊐tsɑzsɢɑ[ʯj fɲʸ lⱷʰ ɑ[lsⱷ), ɑ[tʃtsᵘ lstsɑ3z tsɑzfɲtɑᶜ ɑzʷⱷʕlsʳ .

ʈ j,lstɑtsⱷʕlsɑ[ɘʐ j, ɘtsfɲʃtsɑ3ɑ[ɑʞⱷɑzɑ[ʷ

ʂ ʕtsɑzʯlz fɲɘtsj2 ʏ ɑ[ʟɑzɑ[ⱷɑzɑʞⱷɑ[2fɲʃɑ[2 ʕtstɑtsɑʐ ɪj,tstɑɢIV lzвj,ʏ ʜⱷɑzɘfɲj⊐ ɘ lstsɑ3 ʯlsts tsɑzlzʯⱷfɲsɘtsɘⱷɑzɘ вɑ[lsɘj,tʃtɑɔ[.I ⱷlsj,tɑɔɑzsts ɑ[ʜⱷʏj,ɘtsʜɑ[ɑzɘ ⱷlsⱷʕlz ʕⱷɘⱷj,tɑj tɑɔ[ᵡ . ʅ ɑ[ʯj,ɢtsᵘ lstsɢts ɑj вʳ ɑzs, ɑzs ɑ[fɲʃⱷʏ ⱷɑz ʷⱷʕlsʳ ɑzʒsɑzⱷɑ⊐ ɑj ɑzⱷɑzɑzs. ∫ ɑzʜj2fɲsɘɑ[lsj ɑz ɑzs ɑ[fɲʃtɑj ɑzɑj ɘj,tɑɔ[ɑzɘ lsts, ʯlsts fɲsɘj,tɑʰ ⱷɑz ɑ3ɑzsɢtsʯɑ[fɲɑj ɑzɑzʐ j tʃtsʜɘɑ[ɢɑ[. ʅ ⱷfɲⱷɑzʒsɑ3ʜj ɑj lz ɑj ɢtsвʳ ɑzs ɑzsʏ ɑzsj ɘtsfɲʃtsɑ3ɑ[ɑⱷɑzɑ[j, ɑzⱷʟʳ ɘⱷj ɑ3sj tʃfɲj ɘʜtstɑj ɑ3ɑ[ɑzɑ[fɲʯj ɑzʯɑ[ɑ[j2, ʕtslststɑtsj fɲʯɑ[lsⱷj lsfɲʸ ɑzⱷɑzʰ j ɑzɑ[j ɑ3ɑj ɘtsfɲʃtɑtsɑ[lɘj ʜj ɑzɑ[ʷ, ʕⱷʕ, ɑzⱷʃtɑɔ[ɑ3j tɑɔ, tʃtɑɔ[ⱷʯɑzsʟɑ[ɑ[, ⱷfɲs⊐tɑⱷɑzj ɑzɑ[ʷ fɲɑjʜtsɘ tʃⱷɑ3ʷlsɑ[.

ʅ fɲj ɘʜtstɑj ɑ3ɑ[ɑzɑ[fɲʯj ɑzʯɑ[ʷ ɘ ɑj ɢʕtsʔ ʷʷtstɑɔ[j ɘfɲstɑj ʯⱷ)lsfɲʸ ɑ[lz lʜtstɑtsɘʳ ⊐ ɑzʐ ʜj2. ʅ ⱷʃtɑɔ[ɑ3j tɑɔ, fɲsⱷɘ fɲɘɑ[ʜj lsj ɑj ɑ3ʕⱷʕtsɢts-ɑzɑ[вlzʜᵘ tʃtɑj fɲsɘlzʃɑj ɑzɑ[ʷ, ʯj ɑzsɘj ʕ ɑ3sʏj ls tʃtɑɔ[2lsɑ[ɘ fɲsfɲsᵘʷɑzɑ[j ɘtsʟвlzʏ ʜj ɑzɑ[ʷ ɑ[ʟⱷɘɑ[fɲʜj lsj ɑzʐ fɲsɘlzj ls lsts, ʯj ɢts ɑj ɘɑ[ʜj ɑzɑ[ɑj ɑ[fɲzʰ ⱷɑz, lzfɲʃtsʕtsɑ[ɘʰ ɑ[fɲʸ, tsɑzɑ[ʟɑ3j ɑzɑ[ls tʃtsʕⱷʕlⱷɑzɑ[ʷ, ʯj ɢts ɑj ɑzʐ lʷ fɲʕⱷʕlⱷᵘ ts вtsɑzʐ ɑz⊐. ʜ ɑj ʜfɲsɘj ɑzɑzʐ ɑ3tɑⱷɘtslsɑzɑ[ʕⱷɑ3ɑj tɑⱷl tʃtɑɔ[⊐tsʜɑ[lsfɲʸ ɘfɲstɑj ʯⱷ)lsᵘ fɲʸ fɲ ʕtɑɔ[tʃlstsɑ3ɑj ʟɑ[j2: tsвtɑⱷl ɑ[ɑzɑ[tʃtɑj ʜfɲsⱷɘɑj ɑzɑ[j ɘʜtɑzɢɑzɑ[ʰ ⱷʸ lsfɲʸ

Gjʔdʒfŋtscfdʒcf ɨ ʕfŋʃjtɶcfdʒjdɮsOdʒcf dɮOɕdwHdɮs tʃtsʕOLOdɮcf, ɯlsts lsOʕcfdʒtsBtɶOLtsdʒdɮsʏɣdɮs LOfŋsO∂cflsᴵ
tʃtstɕʷHtsɯqɮsGts ɯjdɮsəjʕO∂tʃtsdɮdjᵩ cfnʃtɶjdɮdjᵩ HOlsᴵ dɮsʏdzˠ j tʃtsʕOLOdɮcfʷ. ʃ tsʏdɮs ∂dɮzʰ cflsᴵ ɯjdɮsəjʕlz,
ɯlsts tsdzLOdɮʷdzlz HtɶdzɕtsGts Hjdzˠ GɕcfˌLOfŋsO∂cflsᴵ tʃtsəjtɶcflsᴵ, ɯlsts tsdzHOdɮtɶOfŋʃcfnʃʕlz, cf ls. H.
Ildʒfŋtsts lstsGts ɯlstsBʳ tʃtɕʷdʒʂs ∂dɮzʰ Olsᴵ ə fŋtsdʒdɮOdʒBlzdɮcfLdʒj ɯlsts-dɮcfBts LOBʳ lsᴵ, dʒʂsʏdɮs ∂ʳ LəOlsᴵ
tʃtɶjHfŋsO∂djdɮcfʷ, djᵩ fŋtstslsəjlsfŋsəlzᵡ ʃʰ cfj tɶjOdɮzdz dʒfŋtsBʳ lscfʷdʒtʃtɶtsʰ dɮsGts, tʃtɶcfHO∂ cfdʒ̃OɶOʕlsjtɕ
ətsfŋʃtsdʒcfdɮOdɮcfʔ. ʕlsts dɮOLʳ əOjlsfŋʸ tɶjlstɶsOʕlscfədz dʒətsfŋʃtsdʒcfdɮOdɮcfj dʒ lsts j fŋtsᴵ tsBdʒOdɮɯcfəʳ dʒ
cfdɮdzᵡ LtstɶdzˬdʒGOdɮdzᵡ ɯcfdɮOlststɶdzˬdʒ j djOjlsfŋʸ ɨlsts lsOʕ: ə∂dɮzʰ O lsfŋsdʒdɮOdʒBlzdjᵩ, ɯlsts ə lsOʕtsʔ-lsts
dɮsdʒjdɮs tsdɮOəcfHjdɮOlsts-lsts, fŋtsəjtɕʰ cfdɮOlsts-lsts. ʕlsts tʃtɶcfətsHcflsʕlstsdʒlz, ɯlsts fŋtsLHOdɮdɮsj ə dʒtsLGlz
cfLtsBtɶOɨjdɮcfj tʃtɶjHfŋsO∂dzᵡjlsfŋʸ ʕOʕ ɣɨcfətsj ətsfŋʃtsdʒcfdɮOdɮcfj, cf tʃtɶcflstsdʒdɮOɕfŋstsdzʕtsʷtɶʕtsj, ɯlsts tsdɮs
ʕOɨjlsfŋʸ djᵩtsʃtɶtsəjtɶɣɨcfdʒtsʔ cfŋtsɕcfdɮstsʔ.
l OʕtsdɮajtɶlsOʗɕjOlstɶOGɕcfʃtɶdɮsLOlz Ltɶcflsjdjᵩʔ ərLʳ əOdɮcf cfdɮsjtɶjfŋfɕjᵩHlzᵡ ʃʰ cfj dʒʃcfdɮcfOlsᵡ tɕʳ .
Ildɮzʰ OdɮOfŋ ʕOʕOʸ-dɮcfBts LOBO∂dɮOʸ djᵩGjdɮHO, ʕtslststɶdzᵡ fŋtsdʒdɮOdʒBlzdɮOʃtɶcfdɮcfdʒOdɮOʕOʕ ʷOʕls fŋɣtsjʔ
Bcftsɣtɶ∂Oʷcfcf. l Oʃtɶcfdʒjtɕ: çIʳ jfŋɣlzdzlsOʕtsɣts-lsts tʃtsdɮOˌ ətsətɶjdʒʷ ətsjdɮdzˬ ʗ BOlsOdɮcfʔ əOdʒtslststɶ∂Odɮs
tɶzʕlzè. ɾ Odɮjj Hcfʕlstsə∂Odɮcffŋ əfŋjɨdʒsɯcfcf, ʕtslststɕʳ j tsdzˬBlzHjlscffŋʃʳ lsʳ əOlsᴵ, tɶ∂fŋfŋʕOʳ əO∂ʸ fŋɣtsᵡ
Bcftsɣtɶ∂Oʷcfᵡ . ɪ tɶjHfŋsO∂ɪlsj fŋtsfŋstsʷdɮsfj Ltɶcflsjdjᵩʔ, tʃjtɶjH ʕtslststɕʳ dʒ[dɮstɶ∂dʒOdɮzdzˬʔ ɯjdɮsəjʕfŋdɮcfɯtsdʒ
djᵩ HtsʃlzfnʕO∂ʸ ʃʰ cfdʒdɮcfʕOʕcf̃ ətsLtɶOɨjdɮcfʔ, tɶ∂fŋfŋʕOʳ əOjlsʃtsHtsBdzˬj djᵩBʳ dɮcfɯʳ .
R tʃtʃtsdɮclsɹjtɶdɮsjʔdʒtʃtɶcfətsHcflstsʃʳ lstɶjlstɶsOʕlscfədɮsʔ GOdɮzˬ ɯcfdɮOɯcfcf, ʕtsGHOtsdzə∂dzʰ cfdzʃ Odɮcfcfɹ.:
ç3 O∂GlzfnʕO(ɯjlsʳ tɶj dʒjfŋɣɯOdɮOLOH), ə tʃtsdɮsəcfdjᵩ ɯjlsəjtɶlstsGts tʃtsʃtsdzˬHdɮcf, ərətsLətɶOᵍ Odɮcffŋ Htsdʒʂʔ.
ɪ tɶtsʔHʷ tʃjtɶəʳ ʔɨlsOɨ, ərlzfnjzʰ Odɮcf ʕtɶcfʕcf, tɶOLHO∂Oʰ cfjfŋʸ ə tsHdɮsʔ cfL ʕtsdʒdɮOʕs. ɪ tsfnjʒslstɶjᵩə ə
LOdɮsɯqɮsᵡ fŋʕəOɨcfdzˬ, ərlzəcfHjdɮcf, ɯlsts ʕOʕtsʔ-lsts tɶtsls. Ilr tslsɯjlsdɮcfətsəcfHjdɮcf, ʕOʕ Hjətsɯʕtsʔ.
Hjətsɯʕtsʔ. ʃ dzˬLOɨOdzjʔ ɯjdʒ-lsts tɶtsls. Ilr HtsfnjʕOlstsɯqɮsᵡ ʗtsɶtsʰ tsəcfHjdɮcf, ʕOʕ HjətsɯʕOfŋtsʃtɶtslscfə∂dzʷdɮOfŋ, ʕOʕ lz
djᵩjdɮOɯqɮsfŋ ʕtɶsətslsjɯjdɮcfj. Ilr HtsfnjʕOlstsɯqɮsᵡ ʗtsɶtsʰ tsəcfHjdɮcf əfŋjɨlsts, dɮs Bʳ dɮcflsʕ tʃtsɶtɶOɨjdzˬ,
ɯlsts, əjtɶdɮzəʰ cfŋfŋ ʕ fŋjBj, djᵩ fŋɣtsGdɮcf fŋɣtɶOLz LOᵛəcflsᴵ ts fŋɣlzɯqɮəʰ jdʒfŋʸ. ʂtsGHOəʳ tʃtɶtsfŋɣljlsjfŋ, ts
tʃtɶtscffŋʰ jHʰ jdʒcfdɮɯqɮHjdɮsj Hlzdʒ̃Olsᴵ djᵩ Blzjlsj. R cfdjʔlsj ə əcfHlz, djᵩʷ ə∂Oɨdʒtɶ∂Ofŋʕ̃OLOɨdɮts
tʃtɶtscffŋʰ jfŋɣlsəcfcf cfɨlsts Bʳ dzdjᵩ fŋtsdzˬcfdɮcf əcfHjdɮcfj, Ofŋɣlzɯqɮcfdɮsfŋɨlsts fŋtsBʳ lscfj dɮOfŋɣljlsdʒHjdjᵩ.
l Oʕtsdjᵩɯ, LOʃtsdʒdɮcflsj,

ɾ ɑʃɑɑz ʜɟ ɑO ʊ lztɑɟ ls ls

ʃ tʃtɑɑʃfɲɟlsfɲʃsɔɑʃɑ ʂtsɑzɑɟɢ ɑ-ɔtɑOɥɟʔ ɾ ɑʃɑɑz ʜɟ ɑO·ʊ lztɑɟ lsls ɔɑɑz ɑʃɑz.ɪ ɑO·ɑz ʃ., ɥlsts tsɑɑʃ ɑɑG⊐tsʜʷlsfɲʸ tsʜɑɑʃ ɔ ʙɟ fɲɟʜʂɟ ɹ lzɑɑsɑɑfɲʂtsɑ ɑɟ fɲOɑʃ, tɑO.lzɑʃɟ j lsfɲʸ, ɑɑʃʂlsts ɑɟ fɲɑz ʰ ɑʃls ɑʃ⊐ tɑO.lɑtsɔtstɑ. ʃ ɑɑtsʙɟ ʰ G·ɟ ls tʃtɑsʂ·Osɑʃlsᴵ fɲʸ fɲɑɟɟʔ ɑɑOtʃO·ɑɑs⊐tsʜɟ ɑ tʃ tstsʙɟ ʜO·lsᴵ ɔ tɑɟ fɲlststɑO·ɑɟ, ɑɑs lstsɑz ʂts tʃ tsfɲɑɟɟ lstsɑts ʂG ʂ tsɑɑO·tslstɑO·ɔɑʃls ɾ ᵏ ɑz. ʃ tʃɟ tɑɔlzᵏ ɑɟʃɑʃɑzlslz tsɑɑɔtsLɑɟʒʰ ɟ ɑɑɑs LO·ʸɔɑʃɑO· çC ɑɟ tʃtɑɟ fɲlslzʃɑɑʂɥO· ɾ ᵏ ɑz ð ɑʃʃɑʃz ʔ ɥɟ ɑɑsɔɟʂ, ɑʃʷ ɑɟ fɲlsO·ɑz ɔʳ tʃtsɑɑzʷlsᴵ ɹ lsts tʃtɑɟ fɲlslzʃɑɑsɟ lzʂ·OLO·ɑʂɟ è. ʂ tsɑʜO·ʞɟ ʊ lztɑɟ lsls fɲtstsʙʰ ɑʃɑzɟʔ, ɥlsts ɾ ᵏ ɑz ʷɔɑʃɑzɲʷ tʃtɑʃɥɑʃɑɑsʔ ɟɟ tɑO.lɑʃtsɑzʂɑʃ fɲɑ-ʞ tsʔ R, ʂtslststɑzᵏ tsɑʂ·Otsɥɟ ɑz ʙɑʃɑʂ·O, tsɑʂ·fɲtsɑʂɑʂ·ɑʂ·fɲɑʃɑʂ·fɲ. (l ɟ ɑʃɑɑsɑʂts ʞɟ tʃtslstɑɟ ʙtsɔ·Oɑtsfɲ tsfɲɑtsɔO·ɑʂɑʃʔ ʜɑz ʙzʙɑʃʔfɲtsɔO·l) ɹ fɲɑɟɟʜlzᵏ ʰ lzᵏ ɑʃɑʃɑzlslz ʊ lztɑɟ lsls ʜɟ ɑʂ·ɟ ls ɟʔ tʃtsfɲtsɑʂ·ɑʃɥʃɑʃɑɑslsɑʃɥɟ fɲʂtsɟ ɔɑɑzʰ ɟ ɑɑʂ·ɟ: çɹ fɲtsO·ʂɑʃ·ɑɟɟ tʃɑʃɔ·OtɑO·fɲtsɔtstɑɟ ɑz"ʷʜ", tʃtɑtsʙlzʜɑʃɔʰ ɑʃfɲ, ɔʳ ʜtsɑzɥɑʃ ɑz LO·fɲtsO·ɔɑʃlsᴵ ɑ-ɑʂ·Oɾ ᵏ ɑz ʷ ɔʳ tʃɑʃlsᴵ fɲtsʜɟ tɑʞɥɑʃɑʃsɟ fɲtsO·ʂ·ɑʂ·O·è. ʀ ʜtsʙO·ɔɑzɟ ls: çʏ lsts ʙʳ ɑɑʃ fɲɑʃzɥɑʃɑɑsfɲ, ɔʳ ɑɟɟ ɑtsɔtstɑɑʃlsɟ, ʂlsts LO·fɲtsO·ɔɑʃɑzɔO·fɲfɲtsɔɟ tɑʰ ɑʃlsᴵ tʃtɑɟ fɲtslzʃɑɟɟ ɑɑʃɑɟ, ʜO·ɥɟ ɟ fɲɑʃɑʃ ɔtstʃtɑtsfɲ ʙlzʜlzls LO·ʜO·ɔO·lsᴵ ɔ ɑʃɑʃɑɑʃɑɑsfɲsɑʃɑɑO·ɑʂɔʙlzɑʃɑLɑʂɟ è. ʊ lztɑɟ lsls ɔʳ ɔtsʜɑʃls ɟɟ ɑʃL ɑʃɑʃɑɑsLO, tsɑʂ·Olzɑz ʙO·ɟ lsfɲʸ, tʃts-ɔɑʃʜɑʃɑʂsɑʂz, ɑɟɟ tʃtsɑʂɑʃɑʃls lstsɑts, ɥlsts tsɑzɟʔ ɑtsɔtstɑɑʃɑz(Gilles de la Tourette, 1887).

ʃ O·ɑz ɑɟɟʔʰ ɟɟ ɑʂ ɹzLɑɑ·ɟ ɑʒtsls fɲɔ·ɑʂtsɑts ɾ ᵏ ɑz, ʂtslststɑʳ ʔ tʃtsɑʂɟ fɲɑsɑʃɑzɔ ɑO·ɟ lsɟ çTempsè fɲɑO·lsᴵ ᵏ , tɑO·fɲfɲʂO·Lʳ ɔO·ᴵ ʰ lzᵏ ts tʃtɑɟ fɲɑlzʃɑɑsɑʒɔɑzʰ ɟ ɑɑʃɑʃɑ ʊ lztɑɟ lslsO, ʞɟ tɑlsɔtsᵏ ʂtslststɑtsɑʂts tsɑzfɲɑO·ɑz. ɹ tsls ɥlsts tsɑz tʃɑʃʰ ɟ ls: çC ʙʳ ɑztslstɑO·ɔɑɟ ɑzʜɑɑsʔ ɑʃL fɲʜɟ tɑʞO·ᴵ ɑ⊐fɲʸ ɔ ʜ O·ɑz-tʃɟ lstɑʃɟ tɑɟ ʞɟ ɑzʰ ɑʃɑz, ʂtslststɑtsʔ ʙʳ ɑO· ɔɑzʰ ɟ ɑO·ɑʃɥɟʷ lzɑʒɟ tɑlsɔɑʃlsᴵ ɑʒɟ ɑzʸ tʃtɑʃ tʃtsɑʒʂʰ ɑʃ ɑʒɑzɑʃɑʒsɑʂts ʷʜO· l Gfɲɔ ɑO·ʙtstɑO·lststɑʃɑʃ ʙʳ ɑɑs 8 ɥɟ ɑɑsɔɟʂ, ɔfɲɟ tɑO·ɑɟɟ ɟ ʙʳ ɑɑʃ Lɑzʂtsɑʒ fɲɑ-ʞ tsʔ ɹ ɑO·ɑz ɹ. ɹ., ɑʒtsɑɑsʜtsʔ ʞɟ ɑzʰ ɑʃɑɑsʔ fɲlstsɑʂɑʃɑʒɑʃ ɑ tʃtɑʃʷlsɑz ɑʒɑʃ ɥɟ tɑlsO·ɑʒɑʃ ɑɑʃɥO, fɲʜtsʙtɑ ɑʒɑʃ ɑ fɲtʃtsʂtsʔ ɑz ɑʒ ɑʃɑʃ ɑʂtsɑzʙʳ ɑʒɑʃ ɑɑO·LO·ɑʒɑʃ. l G⊐tsʜʷfɲ ɔ fɲtsɑʒɑʂO·ɑʒʙlzɑʃɥɟ fɲʂtsɑʒ fɲtsfɲtstsʷɑʂɑʃ, ɹ ɑO·ɑz ʰ tʃtsɔɑʃɑɑsɔO·ɑO·fɲ ɔfɲɟ ɑʒɔɑzʰ G·ɟ ɑʒ ɑʒɟʔ ɑʃʜɟʷɑʒO·lstsɑʒO·lsɑʃɥɟ fɲʂɑʃ.

ʜ ɑɟɟ ʜlzʷ LO·ʜO·ɑzɑʃᵏ , tsɑʂ·Otʃtsʜ⊐tsʜɑʃls ʂ ʂO·ʞ ʜtsɑzʃ ɑL ɑʂ·fɲɑʃ ɑʃɑɑsɟ tɑɟ fɲʃɟ lsfɲʸ, ʂG ʂ ɑʂ·ʰ ɑʃ ʜɟ ɑʂ·, tʃtɑʃ ɹ lstsɑʒ ɑɑʃɥɟ ɑʒɑʃ ɔʳ ʜG·ɟ ls fɲɔtsɑ⊐ ɑʂ·ɑʂɟ tɑɟ ɑɑʃɑʔ. ʃ ʳ fɲɑz ʙtsʃʳ lsfɲɔtsɑʒ fɲɑʃɔtslstɑʃɑʒʜtɑzɑʒ ɑʂ·ʜtɑzɑʒG·, LO·ʷlsʳ ɟ tsʜɑɑsʔ ɑʃɑʰ ɹ ɑʒ fɲɑzᵏ ð lzHOɲfsfɲʸ ɑʃɑʃ tsʃʳ ls? ʍtslsɟ ɑɑsfɲ

זס־כ[ח ן שי תכ־סש ל־ף ז, ת־תשחף־תשז ף־ז תשזכ־ס־תש־ף־ס ר ס־זכ־סזכ־ס־תכ־ן־כ־ז ף־תת־ת־שש־כ[ס־ז כ־ן ן ס־זכ ח כ[ן תשגת־סת־תשכ[ס ף־תת ס־ף־ן כ־ן־ת תשכ־ס־ת־ת־ס־ן־ת־ן־ן־ן

ɹ ɖzɑ̈ɑ̈ʰ ɘj ɖzɑ̈ɔfɲ ʙʷ ʕɑ̈ʕ ʧʃtsʜtsʟtɕ̧ ɘɑ̈ɔ̧ ɖʒɑ̈ʸ, ɘ fɲʂtɕɑ̈ɔ̃j ʟɑ̈ʱ ɑ̃ʰ ɑ̈ʱ ʰ ɑ̈ʸ fɲ̧ ʙʷ ʧj tɕ̧ ʜ fɲɑ̈ɲ̧ ʜtsɘɑ̈ʂ̧ ɖɲ̧ ɖʒ ʂ lsts-lsts ɠtɛtsɖʒʕts ɘtsʟɘj fɲʂɔɑ̈ɔ̃ʃ, ɑ̃ʜj ls fɲɑ̈ɲ̧ ʜtsɘɑ̈ʂ̧ ɖz, tsɖzfɲʂfɲʂɑ̈ɔ̃ɑ̈ls ʧtɛtslstsʕtsɖzts lstɛɑ̈ɠɑ̃ʊ̧ fɲ̃tsɖʒʧtɛtsɑ̃fɲ̃ j fɲʂɘɑ̃ɑ̃". ɹ ⊐tsʜɑ̃ls ʌ ., ʕtslststɛtsɠts tsɖɑ̈ɔɖɑ̈ʕtsɠʜɑ̈ɔɖɲ̧ ɘɑ̃ʜj ɖɑ̈ɔ ʃ ɖzɵtsʧtɛɑ̈ʸ ɑ̃ɘɑ̈ɔ̧ ls fɲɑ̃ʜj lsj ɖɲ̧ʔ ɑ̃ ʟɑ̈ʧɑ̃fɲ̃ ɘɑ̈ɔ̧ ls ʧtsʕɑ̈ɔʟɑ̈ɑ̈ʷ. ʂ tsɠʜɑ̈tsɖzʟɑ̈ʕtsɖɑ̈ʃɑ̃ɖztsʧtɛtsfɲ tsʙtɛɑ̈ʂɑ̃ɖzɲ̃ʸ ʕ ɹ ɖɑ̈ɔɖʰ : "ɹʳ , ʕtsɖɲ̧ ʃɑ̃ɖzʂ, ɖɑ̈ʃɑ̃ʃɲ̧ ɠtʂ ɖɲ̧ ɘɑ̃ʜj ɖɑ̈ʃ ɑ̃ ɖɲ̧ ʧtɛɑ̃ʃɑ̃ɑ̃ɔfɲʂɖz ʕ ɖɲ̧ fɲɲɑ̃ɑ̃fɲʂʱ ʁ ? ʊ̈j ɖʒɖɲ̧ ɖʒɲ̧ ɖɲ̧j ɖɲ̧ls ɖzɑ̃ lz ɘɑ̃fɲ ʧtsʜtsʟtɕ̧ ɖɑ̈ʃʔ tslsɖzʂfɲʃlsj dz ɖzʂ ʧɑ̃ɘɔ ɖɲ̧ tslstɛɔɖɲ̧ ɖzʂ ɖzɑ̃ tsɖzʂ?" ð "ʃ tsɠlz ɘɑ̃fɲlzɘj tɛɑ̃lsʱ , ʃɑ̃stsɬ lstsɠts ɖɲ̧ ɖʒtsɠɖzʂ ʙʳ lsʱ . ɾ ɘj ʜʱ fɲɑ̈ɖʒɔʧɑ̃ɖzɔɑ̃ʟ j ɠts fɲʂɔʕɑ̈ɖɑ̈ɔɑ̃ tsfɲʂɔɖzɠfɲ , ʕɑ̈ʕ ɘʳ ɘɑ̃ʜɑ̃lsj , ʃɑ̃j ɖzɔɑ̃ɑ̃ ɖɲ̧ ɘtɕ̧ ʜɑ̃ɖʒɔ'è. ʕ lstslsɬ ʕfɲ̃j tɛɑ̃ɖʒ̧ ɖzʂ ʧtɛtsɑ̃ʟɘj dzɖɑ̈ɔʂ ɖzɔɑ̈ɕ̧ lslsɑ̃ fɲ̃ɖz ɖzʂj ɘʧj ʃɑ̃j ʊ̈ɔlsɖɲ̧ ɖɑ̈ʃɑ̃j . ɾ ɔɑ̈ɲ̧ j tsɖzʧɑ̃ʰ j ls fɲʙtsɖzʰ ɑ̃ɖʒ ʧɔʷ tsfɲʂɖʒ ç↴ tsʕtstɛɖɑ̈ʂfɲʂʱ ʃɑ̃j ɖɑ̈ʂɘj ʃɑ̃j fɲ̃ʕtsɠts fɲʂʰ j fɲʂɘɔɘɖɑ̈ʰ j ɖɑ̈ʃʁ , ɘ ʕtslststɛtsɖʒtsɖɑ̈ʂ ɖɲ̧ tslsʜɔɲ̧ ls fɲ̃j ʙj tslsʃɲ̧ lsɔ) ʧtsʜɔɘɖɲ̧ ɖɑ̈ʃɲ̧ ɘtsɖɑ̈ʃ ʧtɛtsɑ̃ʟɘtsʜʷ ls lsʷ ʞ j ɖɑ̈ʂj ɘʧj ʃɑ̃j ʊ̈ɔlsɖɲ̧ ɖɑ̈ʃɲ̧ ... ɹ tsɖzʸ, ʃɑ̃j ɖɑ̈ʂɘj ʃɑ̃j fɲ̃ɔʸ ɘtsɖzʸ, ɠtstɛʜɔʸ fɲʂtsʙtsʜɔfɲ̃ʞ ʜj ɖɑ̈ʃʔ , ɠʜj ɘʳ ɖɑ̈ʕ⊐tsʜɑ̃ls j fɲ̃ ɘ lsɔʕɑ̃j ɖʒtsɖʒ ɖɑ̈ʂʳ , ɑ̃ ʃɑ̃stsɬ lsts ʟɔɖʒsʟɠ, ʕtslststɛʳ ʔ ɖʒtsʞ ɖɑ̈ʂ ɠɖɑ̈ʃɑ̈ls ʱ , ʧtsʜtsʙɖɑ̈ʂ ɘtsfɲ̃ʃʟz, ɑ̃ ɘ ʕtslststɛʳ ʔ, ʕɔʕ ɘ ɖʒɔfɲɑ̈ʂ, ɖʒtsʞ ɖɑ̈ʂ ɘɖɲ̧ ʜtɛɑ̃ls ʱ fɲʂtsj ɠts tɛtsʜɔʃɖzɖʒtsfɲʂɘj ɖɑ̈ʃɑ̈sj ʕɖɲ̧ʔ ɖʒtsʞ ʧtɛɲ̧ fɲʂʃɑ̈ʃʟzʧɖɑ̈ʃʁ ɑ̃ʜj ʁ ? ʏ j ɖɑ̈ʂɘj ʕ ð ʃɑ̈ɔɛ ʞ ɑ̃ɘtslsɖzʂ ⊐. ʂ lsts ɬ lsts fɲ̃ɔʟɔɖʃ ɬ tɛɑ̃⊐tsʜɑ̃ls ɬ lstsls "ʃɑ̈ɔɛ fɲʂʟʜɔɖɑ̈ʔ", ɑ̃ ɘ j ɠts ɖʒsʟɠ ʧtsɖɲ̧ʰ ɔʸ ls, ʧtsʜtsʙɖɑ̈ʂ tslstɛɔɖɲ̧ ɔɑ̈ʃɑ̈sɖʒz ʟj tɛɑ̃ʃɑ̈z, fɲʂtɛɔʰ ɖʃɑ̈zʁ ɑ̃ɑ̃ʜj ʁ , ɑ̃ ɘɑ̈ɔ̃fɲʂj ɖɑ̈ʃtɛɑ̃ʃʧtsʕtstɛɑ̈ʂ ʧtsɘɑ̃ʃɑ̈ʃʃ ɖɑ̈ʃʜtsɑ̃ʃɑ̈sɖʒz ɘɑ̈ʃʰ j ɖɑ̈ʂʁ . ʁ ɬ lsts ɑ̃fɲʂɑ̃ʃɑ̈ʂɔ) ʟzʞ ɔfɲɑ̈ʃʸ, ʞ j fɲʂtsʕɔʸ, ɖʒtɛɔʃɑ̈ɔʸ ɑ̃fɲʂɑ̃ʃɑ̈ɔ è

ʕ lsʃz ʧɔɬsj lsɑ̃ʃɲ̧ fɲ̃ʟzʁ tɕ̧ ʃɲ̧ʳ , ɬ lstsls ʕtɛɑ̃ʕ ʜʃzʰ ɑ̃ ʕtsɖʒɖzj ɖʃɑ̈sɑ̃ʧtsɘɔʟʱ ɖɲ̧ ʙʃzʜj ɖʒ ⌈ fɲɑ̈ʃɑ̃ʙʳ ʂ ɖɑ̈ɔɑ̈ɕ̧ lslsɑ̃, ʊ̈ʃzʧɕ̧ lsls ɑ̃ɖzɑ̃ ʃ ʲ j ʙts ɑ̃ ɑ̃⊐ʕtsɖɑ̈ɕ̧ ɠɑ̃ʃzɘɔɑ̃ʜj ɖzɑ̃ ʃzʧtsɘɔj ɖzʔ ɖʒɑ̈ɛɔɘɔfɲʂɔj ɖɑ̈ʃɑ̈sfɲʂɑ̃ɘ fɲ̃j ɠtsʜɖzʷʰ ɖɲ̧ ɖʒ ɖʒʕɑ̈tɕ̧j , ɠʜj ʙj ʟ ɠɑ̃ʧʃɖɑ̈ʂsʟɔfɲʂɘj tɛʰ ɔ̃j lsfɲʸ lsts, ʊ̈ʃsts ʧtɛɑ̃ʃ ʙtsɖzʰ ɑ̃⊐ʃzfɲɑ̃ʃɖzɑ̃ʷ⊐ tsɖɑ̈ʃ ʜtsfɲʂɑ̃ɠɑ̃ʃɖɑ̈ʃ ɘ ɠɑ̃ʧʃɖɑ̈ʂsʟj , ʙj ʜɖzʲ j ɖʒɲ̧ ʜɑ̃ʕɑ̃ʃ ʙʳ ɖɑ̈ʃ ʙʳ ʰ tsʕɑ̃ʃɑ̈sɘɑ̈ʃɖzʲ .

ʉ lstsɑ̃ls fɲ̃ɔʟɔɬsʱ , ʊ̈ʃsts ʟɔɑ̃ʃɑ̈ɖʒ̧ ɖɲ̧ɖʒɾ ʁ ɖzʲ ʂ ɖɑ̈ɔɑ̈ɕ̧ lslsɑ̃ fɲ̃ʕtɛʳ ɘɔ̃j lsfɲʸ ɸ tɛfɲ̧ ɖzɸ tɛɖɑ̈ʂ ʂ ɖɑ̈ɔɛtɕ̧ fɲɲɑ̃, ɑ̃ɖɑ̈ʃ ʂ ɖɑ̈ɔɛdsɑ̃, ɑ̃ʟɘj fɲʂɖzʷ ʔ ʷʷ tɛɔɛɖɑ̈ʕʟzʟfɲ̃ʕɑ̃ʃ ʞ ʜzʧtɛɖɑ̈ʕɖɑ̈ʃfɲʂɑ̃ fɲʂ , ʊ̈ɖɲ̧ ɖzʌ tɛɔɛɖɑ̈ʕʟzʟfɲ̃ʕtsʔ ɔ̃ʕɑ̃ɔɲ̧ ɖʒɑ̃ɑ̃ʃ. ʃ ɖzɔɛɘɬsʧtɛ tɛtsɖʒɔɛɖɑ̈ɔçɾ ɔɛɖzʃ tsʧtɛɖɑ̈ʕɛ̀, ɘ ʕtslststɛtsɖʒtsʧɑ̃ɑ̃fɲ̃ ɘɔʸ lsfɲʸ tɛɔʟɖɑ̈ʃʊ̈ɖzʲ j tsʧʳ lsʳ , ɖɑ̈ɔʙɖzʸ ʜɔ̧ ɖʒʳ j ɑ̃ɖʒɘ ɑ̃ʁ ɖɲ̧ 1884 ɠtsʜɔɘ ɠtsfɲʃɑ̃ʃlsɔɖɲ̧ ʉ ɔɛɖzʧj -lstɛɑ̃ʃj tɛ. ɾ ʁ ɖzʲ tɛtsʜɑ̃ɑ̃ɖzɲ̃ʸ ɘ 1840 ɠtsʜlz, fɲʂɑ̈ʃʊ̈ɔɛɔʙʳ ɖzfɲʂlstɛzʜɖɑ̈ʃʕtsɖʒ ɖʒɲ̧ ɖɑ̈ʃɑ̃⊐ ɠɔʟj ls çRappelè, çFigaroè ɑ̃ ʜtɛ. ɹ ʧtsfɲʂɖɲ̧ʜlzʁ ʱ ɑ̃j ɠtsʜʳ fɲʂtsj ʔ ʙlztɛɖɑ̈ʂʔ ʜj ʷ lsj ɖz ɖʒsfɲʂɑ̃ ɘʳ lɘɔɛɖzɖɲ̧ fɲ̃ʕtsɖzʕtsɠtɛtsɖʒʕɑ̃⊐ʧtsɖɑ̈ʃlsɑ̃ʊ̧ fɲ̃ʕɑ̃⊐ʧtɛtsʊ̧ fɲʂɲʂɘ, lsj ɖʒʊ̈ɬsts ɘfɲ̃ʕtɛʳ ɖzʟɖɑ̈ʂlzʧtslstɕ̧ ʙɖɲ̧ ɖɑ̈ʃʷ ɖɑ̈ɔʧtsɖɲ̧ tsɖɑ̈ʂɘfɲ̃ʕtsʔ ʧtsɖɑ̈ʃʊ̈ɑ̃ɑ̃. ɬ tsfɲɖɲ̧ʃ ʧɔʜj ɖɑ̈ʃʷ ɭ ɔʧtsɖɲ̧ tsɖɑ̈ɔIII ʂ ɖzɔɑ̈ɕ̧ ls-

[illegible]

[illegible] Tempsè, [illegible] 1885 [illegible] Comedi Francaise. [illegible]

[illegible] (Magendie), [illegible]

[illegible] (Kubie, 1961, [illegible] 218).

[illegible]

'ʃ ɖ⊐⊙ɖʃɗʒzɻ tsʇʷẇ j ls
lO𝔊ɖʃtʃɗʒslsɖʃlɖʃtɑtsəO⊙sᴵ ʕtsɠtɑs-ɗʒɖʃʙtʒʜᴵ tʃtsɗʒɖʃɗʒtsɻjɠtɑs ətsɗʒɖʃ ɖ ʃɳtɲsLɗʒ⊙ɗʒɖʃʷ, ʜtsɗʒɻ ɗʒ⊙ʙʳ lsᴵ O⊙ʙfɳtɲsɗʒ lsɗʒtsɻ tslsəjɻtɑɠɗʒzlsO⊙ɻ tsʜtsʙɗʒ⊙ʸ ɠɖʃtʃtslsjɻlOtʃtɑɖʃɠtɑsʜɗʒ⊙ɗʒɖʃʰ ɹ ə ʕ⊙ujɻfɳkəjɻ lsjɗʒʳ ʜɗʒʷ ʙɗʒɻfɳkʷʰ ɖ⊐ O⊙ʕ⊙ʜjɻɗʒɖʃɻujɻfɳʕɖ⊐ tʃtɑjɻɗʒɻɖʃ?, ɗʒtsɗʒɻɖʃɻ ɗʒtsɤɻjɻls əʳ ʜjɻtɑɤɻO⊙sᴵ fɳktɑtsɠtsʔ ɗʒ⊙zɻujɻɗʒtsʔ ʕtɑɖlsɖʃʕɖ (Culler, 1886).
ʊ O⊙ʕtsɠtsɤɻjɻ ɗʒɖʃɻɗʒtsɗʒɻɖʃʷ tʃtɑɖʃʜjɻtɑɤɻɖəO⊙ɗʒfʸ tʃtɑtsʷẇjɻfɳfɳtstɑɾ .ɹ O⊙ʙɖʃɗʒʕɖʃ?.
ɻ fɳgʃ⊐tsʷẇɖʃLɖʃtsɗʒtsɠʜ. ɗʒ ɗʒɤ∫ .ɻ .ɻ tɑɖʃɗʒO⊙ʕ tʃɖʃʰ jɻls: ç...jɻʰ jɻ ɖʃ fɳjɠtsʜɗʒɤʷ, ɖʃ ɗʒɻ lstsɗʒʕts ɖʃLɻ lzfɳjs ɗʒO⊙ɗʒstsʙtɑO⊙tsəO⊙ɗʒɗʒɤ ⊐ ɗʒʸ ʜjɻʔ, ɗʒtsʜO⊙ɻjɻ ɖʃL tɑO⊙ʙtslstslsʜjɻɗʒɤɗʒɤ ⊐ lzujɻɗʒɤ ⊐, ɗʒʒsɤɻɗʒtsʺlzLɗʒ⊙lsᴵʺ, ujlstsujɻɗʒtsəjɻʕ, ʺtʃtsʜʜO⊙ʸ ʰ ɖʃʔfɳʸʺ ɠɖʃtʃɗʒtsLlz, ʷəɗʒʷjɻlsfɳʸ ʺfɳgɗʒ⊙ʙtsətsɗʒɤɗʒɤ ɗʒʒʺ fɳyzʙʲ jɻʕlstsɗʒè. l O⊙fɳgɗʒʒtsɗʒʒʜjɻɗʒɻ əfɳjɻ tsʙfɳktsɖʃls tɑtsəɗʒtsɗʒ⊙ɗʒsʙtstɑtsls (ɻ tɑɖʃɗʒO⊙ʕ, 1978, fɳ 237). ɹ tsɗʒʷ ð ɻ lstsfɳgʃtsfɳtɲsʙɗʒtsfɳkᴵ tʃtɑɻjɻtsʜtsɗʒɻəO⊙sᴵ tʃtɑɻjɻtʃʷlsfɳkəɖʃʷ, fɳgʃtsfɳtɲsʙɗʒtsfɳkᴵ ʙtstɑtslsᴵ fɳy ɖʃɗʒɖʃ əʳ ʙɖʃtɑO⊙sᴵ ɖʃL ʜəlz⊐ ʜjɻʔfɳkəlzᵍ ʰ ɖʃ⊐ ɗʒtslsɖʃətsə tsʜɖʃɗʒzɻɗʒɻʜtsəO⊙sjɻɗʒɤɗʒ, ts ɗʒɻʔ ujɻɗʒɻfɳtstsʙtɑO⊙ɻɗʒtsɠʜtsətstɑɖlsᴵ lstsɠʜO⊙ʕtsɠʜO⊙əɗʒO⊙ɗʒɖʃujɻɖʃɖʃ fɳgʃlslzO⊙ujɖʃʷ ʙtstɑᴵ ʙʳ ɖʃ tʃtɑɻjɻtsʜtsɗʒɻɗʒɖʃʷ. ϕ ʕ⊙ʕ⊙ʸ ʙtstɑᴵ ʙO⊙tʃtɑɖʃ ʜtsʙtɑtsətsɗʒ ɗʒtsɗʒtʃtɑtsujɻfɳjɻj, ʕ⊙ʕɖʃɗʒʷəɗʒʲjɻlsfɳʸ ɠɖʃtʃɗʒtslsɖʃLO⊙ujɖʃʷ, tʃtɑɖʃ ujɻɗʒtsLʜjɻfɳj, fɳgʃtɑO⊙ʰ ɖʃəO⊙jɻlsfɳʸ, fɳgʃɖʃɗʒ ɗʒ⊙ʸ ɖʃɗʒɖʃ fɳgɗʒ⊙ʙO⊙ʸ ətsɗʒʷ? ɹ O⊙ujɻɗʒtsɠtsətstɑɖlsᴵ ts tʃtslsjɻtɑɻjɻ lstsɠts, ujɻɠts ɖʃLɗʒ⊙ujɗʒ⊙ɗʒɗʒ ɗʒɻʙʳ ɗʒtsɗʒ, ɖʃ, ɗʒʕ⊙ʕtsɗʒɻujɻ, LO⊙ujɻɗʒtsɗʒɤɻɗʒ⊙ətsɗʒʷ ə tʃtɑtsujɻfɳjɻj, ʕtslststɑᴵ ʔ tsfɳkʰ jɻfɳkəɗʒʷjɻlsfɳʸ fɳjfɳtɲsɠɗʒ⊙fɳgʃʷ ɖʃ ʜɗʒʷ tʃtsɗʒʲLʳ ɠɖʃtʃɗʒtslsɖʃLɖʃtɑɗʒjɻɗʒtsɠts, O⊙ɻjɻ ʜɗʒʷ jɻɠts ɗʒʕ⊙ʕ⊙ɗʒʒʷ? ʂ tstɑtsujɻ ɠtsətstɑɖlsᴵ, jɻfɳgɗʒ⊙ʃ tʃ⊙ujɖʃjɻɗʒtsʜ⊙ʃlsfɳʸ fɳjHjɻʔfɳkəɖʃʷɗʒɖʃ ətɑ⊙ujO⊙ʃ ujɻəɖʃʜɗʒtsɗʒɗʒ⊐tsujɻlsʙʳ lsᴵ LO𝔊ɖʃtʃɗʒtslsɖʃLɖʃtɑtsəO⊙ɗʒɗʒɤ ɗʒ⊙ lstsɻlstsɗʒɻ tʃtɑtsɖʃLtsʔHjɻls, ʕ⊙ʕʙʳ ɗʒɖʃ fɳkəO⊙ɑ⊙ɗʒfʸ ɠɖʃtʃɗʒtslsɖʃLjɻtɑ.
ɹ tstʃtɑtsfɳgʃtsHO⊙əɗʒɻɗʒɖʃʷ ətsɗʒɖʃ ə ɠɖʃtʃɗʒtsLjɻ tʃtsfɳkəO⊙əɗʒɻɗʒɤɗʒɻʕtsɑtɑjɻʕlsɗʒtsɑ. ɻ tɑO⊙ɖʃɗʒɤɗʒɻjɻ fɳʕO⊙LO⊙kᴵ, ujlstsfɳkəɗʒ⊙ɗʒɤɗʒʙlzɗʒO⊙ɗʒɖʃʙtsçɖ⊐tsujɻlsè lsO⊙ʕ, ʕ⊙ʕ⊐tsujɻlsɠɖʃtʃɗʒtslsɖʃLjɻtɑ, ɖʃjɻjɻ tʃtɑtslsɖʃətstʃtsɗʒtsɤɻɗʒɤɻjɻɗʒ⊙ɗʒʒʷ fɳgʃ⊙ʙtstʃtɑtsʷəɗʒʷᵍ lsfɳʸ ɖʃɗʒɖʃ ətsəfɳj əʳ ʕɗʒʸ ujO⊙ʸ lsfɳʸ,.ɗʒɖʃʙtsɤɻjɻtsɗʒO⊙ɗʒɖʃujɠtsɗʒɻ⊐tsujɻls, lstsjɻfɳkᴵ ə ɗʒɻʔ ɗʒɻlsətsɗʒɻətsʔ ʜjɻʷlsjɻɗʒɗʒɻɗʒɖʃfɳkəɖʃtʃtɑtslsɖʃətstʃtsfɳkəO⊙əɗʒɻɗʒɗʒtsʔ əɗʒʲʰ jɻɗʒɖʃᵍ, O⊙lsO⊙ʕɤɻjɻɗʒɻlstʃtɑtslsɖʃətstʃtsɗʒtsɤɻɗʒʸ ⊐ɤɻjɻɗʒ⊙ɗʒɖʃʔ. ʉtsɗʒɗʒO⊙ɗʒʙlzɗʒO⊙ətsfɳgʃtɑɖʃɗʒO⊙ɻlsfɳgtsɖʃʜjɻʔfɳkəɖʃʷ ʕ⊙ʕ fɳgtsəjɻtɑʰ O⁽ʸ ʰ ɖʃjɻfɳʸ tʃtsɗʒtsɖʃɗʒtsjɻjɻ ətsɗʒɖʃ (zɻ jɻtɑlstsʕɻ, 1992, fɳ 85).
ʂ fɳtɲsɤɻO⊙ɻɗʒɗʒɖʃᵍ, ʕtsɠʜO⊙⊐tslsʷlsfɳʕ⊙LO⊙kᴵ ts ɗʒO⊙fɳgʃɖʃɗʒɖʃɖʃ tʃtɑɖʃɗʒzɤɻʜjɻɗʒɖʃɖʃ ɖʃɗʒɖʃ ʜlz⊐tsəɗʒtsɗʒtɑO⊙ʙfɳkəjɻ ɗʒɖʃujɗʒtsfɳkɖʃ, ɖʃfɳgʃtsɗʒʲLzᵍ ls tʃtsɗʒʷlsɖʃʷ ɠɠɖʃtʃɗʒtsLè ɖʃ çəɗʒʰ jɻɗʒɖʃjɻè. ʃ ʜɗʒʕ⊙ʕtsɠɖʃtʃɗʒtsL, ə tslsɗʒɖʃujɖʃjɻ tslsɗʒO⊙ɑ⊙ʕ⊙tsLO⊙ɗʒjɻɗʒʲLʷ tsʙəɖʃɗʒɻɖʃlsᴵ ə ɗʒjɻɗʒjɻɠO⊙ɗʒɗʒtsɗʒɻəɖʃtstɑɗʒɤjɻɗʒɻɗʒɖʃɗʒɻəlstsɑɤjɻɗʒɻɖʃɖʃ ə ɗʒɖʃujɗʒtsfɳkᴵ. ɻ tɑO⊙ʕlsɖʃʕ⊙tʃtsʕ⊙Lʳ əO⊙jɻls, ujlstsə ɠɖʃtʃɗʒtsLjɻ ɗʒjɻ tʃtsʜO⊙əɗʒʷᵍ lsfɳʸ LO⊙ʰ ɖʃlsɗʒ jɻ ɗʒjɻ⊐tsO⊙ɗʒɖʃLɗʒʳ çɖ è, tsɗʒɖʃ ʜjɻʔfɳkəlzᵍ ls,

ʜȷ ʔ fŋʈsəlzʁ lsȷʱ ȷ ʙtsdʑȷ ȷ ɕdʑsȷ dʑfŋɕʃədʑs, dʑs lzʞȷ ə ʬ tstɕdʒȷ fŋtstʃ tɕtslsɕʃədʑȷ dʑɕʷ. ʃ ȷ tsdʑʐ ȷ tɕlststsʕ lzlsəȷ tɕʞ ʜʘȷ ls, ʯlsts ʟʘɢ̂ɕʈʃ dʑslsɕʟɕtɕtsəʘdʑdʑ ʔ, ʕ fŋʯʘfŋlsᴵ ʁ, fŋʘdʒ ʯʘfŋlsts ʈʃ tɕɕdʑɕdʒʘȷ ls dʒȷ tɕʳ ʈʃ tɕȷ ʜtsfŋlststɕtsʞ dʑsfŋlsɕ, ʈʃ tɕtsʷədʑʷʷ ʟʘʱ ɕlsdʑʁ lsʘʕlsɕʕlz. ʉ lzʙʲ ȷ ʕls fŋ=tɕdʑʈʃ ʕɕdʒ çɕ è, ʯlzəfŋlsəlzʁ ʱ ɕʔ tsʈʃ ʘfŋdʑsfŋlsᴵ ʜdʑʷ fŋtsȷ ʔ dʑɕʯdʑsfŋlsɕ, tsʙdʑʘʜʘȷ ls ʜtsfŋlsʘlstsʯdʑ dʒɕ ʟʘʱ ɕlsdʑ dʒɕ lsȷ dʑʜȷ dʑɕʷdʒɕ, ʯlstsʙʳ əfŋlslzʈʃ ʘlsᴵ ɕdʑɕ dʑȷ əfŋlslzʈʃ ʘlsᴵ ə ɢ̂ɕʈʃ dʑslsɕʯȷ fŋʕɕȷ tslsdʑsʰ ȷ dʑɕʷ. ɿ ts, ʜʘʞȷ əfŋlslzʈʃ ʘʷ ə lsʘʕɕȷ tslsdʑsʰ ȷ dʑɕʷ, tsdʑdʑɕʕtsɢ̂ʜʘdʑȷ fŋlsʘdʑsəɕlsfŋʷ ʘʙfŋtsdʑ lsdʑ dʒʘlstsdʒʘlstsdʒ dʒȷ =ʘdʑɕʟdʒʟʘʱ ɕlsʳ ɕ fŋtstʃ tɕtslsɕədʑȷ dʑɕʷ ʈʃ tsdʑdʑsfŋlsᴵ ʁ dʑȷ əʳ ʕdʑ ʯʘȷ lsfŋʷ.

ʀ dʑʘʕtsdʑȷ ɥ, ʈʃ tsfŋdʑȷ ʜdʑȷ ȷ. ɿ ȷ tɕȷ ʜʕts dʒsʞ dʑs lzfŋdʑ ʰ ʘlsᴵ, ʯlsts ɢ̂ɕʈʃ dʑslsɕʟʘʯɕʷ tsfŋdʑʘʙdʑʷȷ ls ətsdʑ.

ɬ fŋɕ=tsdʑsɢ ʃ ȷ dʑɕdʑɢ̂tɕʘʜfŋʕtsɢ̂ts lzdʑɕəȷ tɕfŋɕlsȷ lsʘ.ɺ. ɸ. ʏ ʘfŋtsə, ɕfŋfŋdʑȷ ʜtsəʘʰ ɕʔ ˡ lsz ʈʃ tɕtsʙdʑȷ dʒz, ɢ̂tsətstɕɕls: çʊ əȷ dʑɕʯȷ dʑɕȷ ʈʃ tsʜʯɕdʑʷȷ dʒsfŋlsɕ, tɕʘʟəɕlsɕȷ fŋdʑʘʙtsətsdʑɕʷ ʈʃ tɕɕ dʑȷ ʯȷ dʑɕɕ ədʑzʰ ȷ dʑɕȷ dʒ lzfŋlsʘdʑsəɕlsᴵ dʑȷ lzʜʘʘdʑsfŋʲ è (ʏ ʘfŋtsə, 1959, fŋ 16).

ɻ ɕʈʃ ȷ tɕdʒdʑȷ ʟɕʷ

ɻ ɕʈʃ dʑsfŋtsdʒdʑʘdʒʙ lzdʑɕʟdʒ fŋʈʃ tsfŋtsʙ fŋlsəlzȷ ls tsʙtsfŋlstɕȷ dʑɕʁ fŋʈʃ tsfŋtsʙ dʑsfŋlsɕ ʕ ʈʃ tɕɕʈʃ tsdʒɕdʑʘdʑɕʁ.

ʕ ʕ fŋʈʃ ȷ tɕɕdʒȷ dʑsʳ fŋɢ̂ɕʈʃ dʑsfŋtsdʒdʑʘdʒʙ lz-dʑɕʟdʒsdʒ ʈʃ tsʜlsəȷ tɕʜɕdʑɕ lzʞȷ fŋlzʱ ȷ fŋlsəlzʁ ʱ ɕȷ ʜtsɢ̂ʘʜʕɕ, ʯlsts əfŋȷ əʈʃ ȷ ʯʘlsdʑȷ dʑɕʷ, ʕtslststɕʳ ȷ dʒʳ ʈʃ tsdʑzʯʘȷ dʒə lsȷ ʯȷ dʑɕȷ ʞ ɕʟdʑɕ, tsfŋlsʘdʑʷʁ ls fŋdʑȷ ʜʳ ə dʑʘʱ ȷ dʒdʒsʟɢ̂lz. ʊ ʘʕɕȷ fŋdʑȷ ʜʳ dʑȷ ʟʘdʒȷ lsdʑ, ɕ dʒʳ dʑȷ ʈʃ tsʜtsʟtɕȷ əʘȷ dʒts dʑɕ=, ʈʃ tslstsdʒz ʯlsts ˡ lstsdʒz dʒȷ ʰ ʘʁ ls dʑsəʳ ȷ əʈʃ ȷ ʯʘlsdʑȷ dʑɕʷ, tsʜdʑʘʕts tsdʑɕ fŋlzʱ ȷ fŋlsəlzʁ ls ɕ ʟʘʙʳ lstsȷ ɕdʑsɢ̂ʜʘəfŋʈʃ dʑ əʘȷ ls ə dʑʘʱ ȷ ʔ ʈʃ ʘdʒʷlsɕ. ɺ ɢ̂ɕʈʃ dʑsfŋtsdʒdʑʘdʒʙ lzdʑɕʟdʒȷ dʑȷ ɢʕts ʈʃ tɕɕʈʃ tsdʒɕdʑʘʳ lsfŋʷ ʬ ʘdʒɕdʑɕɕ dʑɕɥ, fŋʕtslststɕʳ dʒɕ ʕtsɢ̂ʜʘlsts ʙʳ dʑʟdʑʘʕtsdʒ ɕdʒȷ dʑʘətɕʘʯȷ ʔ, ʕtslststɕʳ ȷ ʕtsɢ̂ʜʘlsts dʑȷ ʯɕdʑɕ; fŋlsɕ=ɕ, ʕtslststɕʳ ȷ ə ʜȷ lsfŋlsəȷ lzʯɕdʑ, fŋdʑȷ tsʙʳ ʕdʑsəȷ dʑdʑsʔ ʞ ɕətsfŋlsᴵ ʁ ʈʃ tɕɕʈʃ tsdʒɕdʑʘʳ lsfŋʷ ʈʃ tsʜtɕtsʙ dʑsfŋlsɕ dʒȷ fŋlsdʑsfŋlsɕ, ʕtslststɕʳ ȷ dʑȷ ʕtsɢ̂ʜʘfŋdʑzʯʘʔ dʑs əɕʜȷ dʑ, ɕdʑɕ ʬ ʘʕlsʳ, ʕtslststɕʳ dʒʙʳ dʑfŋɕʜȷ lsȷ dʑȷ dʒ ɕ ls. ʈʃ.

ʄ tstɕɕɥ ɹ ȷ dʑȷ ʜɕʕls, lzʟdʑʘə, ʯlsts ʜtsʕlststɕɻ ȷ ʔ ʕtsʕ, ʞ ɕəʰ ɕʔ əts ətɕȷ dʒȷ dʑʘʀ ʘʕtsəʘɪ, ə fŋtsfŋlstsʷ dʑɕɕ fŋtsdʒdʑʘdʒʙ lzdʑɕʟdʒʘɢ̂tsətstɕɕdʑʈʃ tɕȷ ʕtɕʘfŋdʑ ȷ ʈʃ tɕtsʈʃ tsəȷ ʜɕ ɕ fŋtsʙtsʜdʑs əʳ tɕʘʞ ʘdʑfŋʷ ʈʃ ts-ɢ̂tɕȷ ʯȷ fŋʕɕ, =tslsʷ ə tsʙʳ ʯdʑsdʒ fŋtsfŋlstsʷ dʑɕɕ ʟdʑʘdʑˡ lstsls ʷʟʳ ʕ ʈʃ dʑs=ts, fŋʈʃ tɕtsfŋɕdʑlz

ɑʃʟəjˌ fɳɟsɑʊzsɑʃtsʜCɟsfɳʃtsɑʃts ɑʒO·ɑʃɑʃdɟˌlsɑʃʟjˌtɑO·ɾ O·ɑʊzɑO·ʂ O·ɑɑɑO·ʍO·ɑʊzfɳjˌɑʊzO) fɳʃɬtslststɑʳ ɑʒʙʳ ɑʊzʜtɑɑzɤjˌjˌɑʊzˌʂɬOʃ ɑʃtsətstɑʷls, ʜtsɑʒO·ɑʊzʃɑʃˌ, ɑʊzˌɟˌ fɳɑʃɑʊzʊ(O·ɑʊzsfɳ) ɑʊzɑʃˌjˌɑʊzɑʊzɑO·ʙɑʊzˌ ʜO·ɟsᴵ, ʊɬstsʙʳ fɳɟsɑʒɑʊzO·ɑʒʙlzɑʊzˌ ɑʃtsətstɑɑʃɑʊzɑʃ ɑʊzO·ɑʃɑʊzsfɳɟstɑɑO·ɑʊzɑʊzsɑʒ ʷʟʳ ʂjˌ, ʂtslststɑɑsɑʃtsʙʳ ɑʊzɑO·ʸəlzˌɑʊzˌɟˌʟɑʊzɑʊzɑʃ. ʍO·ɑʊzfɳjˌɑʊzʃɑʃtɑɑʃəjˌɑʊzfɳɑʃʊʊzʊ(O·ʔ, ʃɟtɑɑtsɑʃfɳ) jˌʜʰ ɑʃʔ fɳɟtsʜɑʊzfɑʃɑʒ O·ɑʊzɑʃɑʃʔ fɳʃɑʃɑʃɑʒtsᵂɑʃʊjˌtɑɑtsɑʒəɸᵂᵂtɑɑʃʂjˌ, ʂtslststɑɑʳ ʔ ə fɳɟsɑʒɑʊzɑO·ɑʒʙlzɑʊzɑʃʟɑʒˌ ɑʊzˌɟˌtsɤɑʃʜO·ɑʊzɑʊzsʟGɟjˌɑʊzɑʃɟˌjˌfɳɑʊzˌ ɑʊzO· ɑʊzˌɟˌtsɑʊzᵂlsɑʊzsɑʒʜɑʊzᵂ tsʂtɑɑzɤjO·ʰ ɑʃ⊐ᵂʟʳ ʂjˌ. ʉ·ɑʊzɑʒtsɑʊzˌlstsɤjˌ ɑʊzˌɟˌʜtsGO·ʜʳ əO·ɑʊzfɳᵂ, ʂtslststɑʔ ɬlsts ʙʳ ɑʊzᵂʟʳ ʂ. ʃ ʂtslO·ɑʊzsfɳ), ʊɬstsɬlsts əO·ɑʊzɑʃʔ fɳʃɑʃʔ ᵂʟʳ ʂ, ʂtslststɑʳ ʔ tsɑʊzfɳɑʊzʰ O·ɑʊzəʜˌlsfɳtsəˌ, O·ɟtslststɑʒʟO·ʙʳ ɑʊz(ɪˌɑʊzˌʜɑʃʂls, 1880, fɳ 23).

ʂ fɳɑʊzsəlzfɳʃtslO·ɑʃlsᴵ, ə GɑʃɟɑʊzsfɳtsɑʒɑʃO·ɑʒʙlzɑʊzɑʃʟɑʒˌ ɑʊzsGɑʊzlsʙʳ lsᴵ ətsfɳɟtɑɑtsɑʃʟəjˌʜjˌɑʊzˌ ɑʊzˌlstsɑʊzʂtsʟO·ʙʳ lsʳ jˌ ᵂʟʳ ʂɑʃ, fɳtsʙʳ lsɑʃʷ ɑʃ fɳɑʊzˌ, ɑʊzs ɑʃ fɳtsʙʳ lsɑʃʷ ɑʃʟ ɟtslstsɑʊzsGɑʃʊjˌfɳʃtsʔ ɤɑʃʟɑʊzɑʃˌ, lstsˌjˌfɳlsᴵ fɳtsʜjˌtɑɤO·ɑʊzɑʃjˌ ʙtɑjˌʜO) fɳʊᵂʟO·ɑʊzɑʊzsGtsfɳʊʙtsɑʊzˌʟɑʊzᵡ, O·lsO·ʂɤjˌjˌəʳ ʜlzɑʒO·ɑʊzɑʊzˌjˌ. ʃᵡ ʙtsɟʳ lsɑʊzˌʔ fɳɑʊzʊ(O·ʔ ʙʳ ɑʊztslsɑʒjˌʊjˌɑʊzˌʌ tstɑʊzjˌtɑfɳ) ʊ ɑʃɑʊzfɳɑʊzsl (Forbers-Winslow) ə fɳtsʊɑʃɑʃɑʊzˌɑʊzɑʃɑʃ ɑʃçʃ lsjˌɑʒɑʊzˌ⊐ʙtsɑʊzˌʟɑʊzʷ⊐ɑʒtsʟGO·ɑʃ ʜlzʰ ɑʃè. ʃ tslsʊɬstsˌtsɑʊzˌ ɟɟɑʃʰ jˌls. ʃ ɑʊzO·ʊ(O·ɑʊzˌ XIX əjˌʂO·ə tsʜɑʊzsɑʒɑʃʟ ɑʊzˌɑʒjˌʊʂɑʃ⊐ɑtstɑtsʜʂtsə ɑʊzO·t jˌʔɑʊzˌ ɑʒtsɑʊzsʜO·ʸ ɑʊzˌɑtɑO·ɑʒtslsɑʊzO·ʸ fɳɑʊzɤO·ɑʊzʃO) ɑʊzɑ⊐tsʜʷfɳ ə ɑtstɑʷʊʂjˌ, əʜtɑlzɑGʟGɑtsətstɑɑʃɑʊzO·ɟts-ɑʊzO·sʳ ɑʊzɑʃ, ɟɟts-ɑtɑjˌʊjˌfɳʃɑʃ ɑʃ ɑʊzɑʃətɑɑʃlsjˌ. ʅ jˌɑʒO·ɑʊzsɬlstsɑʒzˌlzʜɑʃəɑʃəʰ ɑʃfɳ, ɑʊzsjˌʰ jˌ ʙtsɑʊzʰ jˌ lstsɑʒz, ʊɬststsɑʊzɑtsətstɑɑʃɑʊzO·ɑʊzO·tɑO·ɑʒ ʔ fɳʃtsɑʒ* ʷʟʳ ʂjˌ, ɑʊzO·ʂtslststɑtsɑʒ ʙʳ ɑʊzʃ ɑʊzO·ɟʃɑʃfɳO·ɑʊzˌ ʂtsɑʒɑʒjˌɑʊzsO·tɑʃɑʃ ʂ ɹ ɑʃʙɑʊzɑʃɑʃ, jˌjˌ ɑʒjˌʊO·ᴵ ɑʃʔ ətɑO·ʊtɑjˌʰ ɑʃɑʊzɑʊzɑʔlsɑʃ tɑO·ʟGO·ʜʂlzɬlstsɑʒzˌ ʊjˌzʜlzˌ ɑʃʟ ʊjˌzʜjˌ fɳ,ɪ tsfɳɑʒjˌ ʜtsɑʊzɑʃ⊐ɟtsɑʃfɳʃtsəˌjˌɑʒzˌlzʜO·ɑʊzsfɳ) lzfɳsO·ɑʊzəɑʃlsᴵ, ʊɬstsəʜjˌəʷlsᴵ ɑʒjˌlsˌjˌGtsɟʃO·ʊɑʃjˌɑʊzsʂO·ʊɤɑʃɑʊzʜtsɑʒjˌ tɑO·əəɑʃɑʊz) ʂtslststɑʳ ʔ ʊɑʃlsO·ɑʊzəfɳɑʊzˌ⊐ʂɑʊzˌGɑʃ ɑʊzO·tɑO·ɑʊzˌ⊐ʷʟʳ ʂO·⊐, ə lstsətɑjˌɑʒʷʂO·ʊ tsɑʊzO·fɳɟO·ɑʊzəfɳɟsfɳjˌʜɑʊzˌʅ ʂɑʊzɑʒO·ɑʊzsfɳ) ɑʊzˌɑʒjˌɑʊzˌʟɑʒˌ ɑʃ jˌʜʰ jˌʔ ə 1853 Gtsʜlzˌʙʳ ɑʊzs ɑʊzO·ɟjˌʊO·lsO·ɑʊzs ts ʙjˌʟGtɑO·ɑʒslsɑʊzsɑʒ ʂlzʟɑʊzɑʊzˌjˌ ɑʃʟ ʜjˌtɑjˌəɑʊzɑʃ ʙɑʊzɑʃʟ ɾ O·ɑʊzɑʊʃɑʃGO) ʂtslststɑʳ ʔ, ɑʊzO·⊐tsʜʷfɳ ə fɳɟsɑʒɑʊzsɑʒɑʊzɑʃʟɑʒˌ, ɟɟtsəlststɑʷɑʊzfɳɑʊzsəts ə fɳɑʊzsəts ɑʒɑʊzsGɑʊzˌjˌ ɑʊzˌjˌfɳɟsO·ɑʃʟ ɹ ɑʃʙɑʊzɑʃɑʃ, tsʜɑʊzʂts ə tsʙʳ ʊɬɑʊzsɑʒfɳɟsfɳjˌtsʷɑʊzɑʃɑʃ fɳʜjˌɑʊzsᴵ ɬlsts ɑʊzˌjˌɑʒɑʊzsG. ʂ lstsˌjˌʰ jˌ tsʜɑʊzs fɳɑʃɑʃʜjˌlsjˌɑʊzˌfɳɟsəts lstsGts, ʊɬstsˌtsʙʲ jˌɑʒɟO·ɑʊzʷlsɑʃ fɳɟsɑʒɑʊzsɑʒɑʊzɑʃʟO·fɳjˌjˌlsɟtsʜfɳɟsʟɑʊzsjˌɑʊzˌɑʊzsʔ fɳʷjˌtɑʳ ɑʒɑʊzsGtsʂtɑʊzsɑʊzˌlzəjˌɑʊzɑʃʊɑʃəʊjˌlsfɳʷ, ʊɬstsɟtsʟətsɑʊzʷjˌlsəɑʊzʜjˌlsᴵ

* ɸtɑO·ɑʊzjˌʔfɳʃɑʃʔ ᵂʟʳ ʂ tslsɑʊzsfɳʃlsfɳʷ ʂ fɳjˌɑʒɑʃlsfɳʃtsʔ əjˌlsəɑʃ fɳjˌɑʒɑʃlsts-⊐O·ɑʒɑʃlsfɳʃtsʔ fɳjˌɑʒˌ ɑʃ ᵂʟʳ ʂtsə.

ɟ ʦfɲʤ ʜʝ ʛꞔʧ ʣʪꞔʟʘɥꞔꞔ ʦʣʘɮɘʝ ʨʷʣʘ, ɥʪʦ ʤ ʟʣʘʝ ʪ ʝ ʛʦ, ʣʦ ʧ ʦfɲʤ ʣʘfɲʦʡ ɥꞔɘʳ ꞔ̄ ʨʘfɲʧ ʨʦfɲɘ fɲʘʟʘʣʘ çʄ ʤ ʡʘʞ ʝ ʪfɲʷ, ɥʪʦ ʪʦ ʜʦʡʪʦʨ ꞔʟ ʜʝ ʪfɲʦʡ ʙʦʣ ʣꞔɥʳ è. ʆ ʡʘʟʘʣʦfɲ, ɥʪʦ ʦʣʘʣꞔ̄ʦʜꞔʣʘfɲ ɘ ʪʦʡ ʡʣꞔʣꞔʡʝ 18 ʤ ʪ ʣʘʟʘʜ, ɘ ɘʦʟʨʘfɲʝ 2 ʤ ʪ (ɹ ꞔʤ, ʌ ʝ ʨʝ, 1890, fɲ 146).

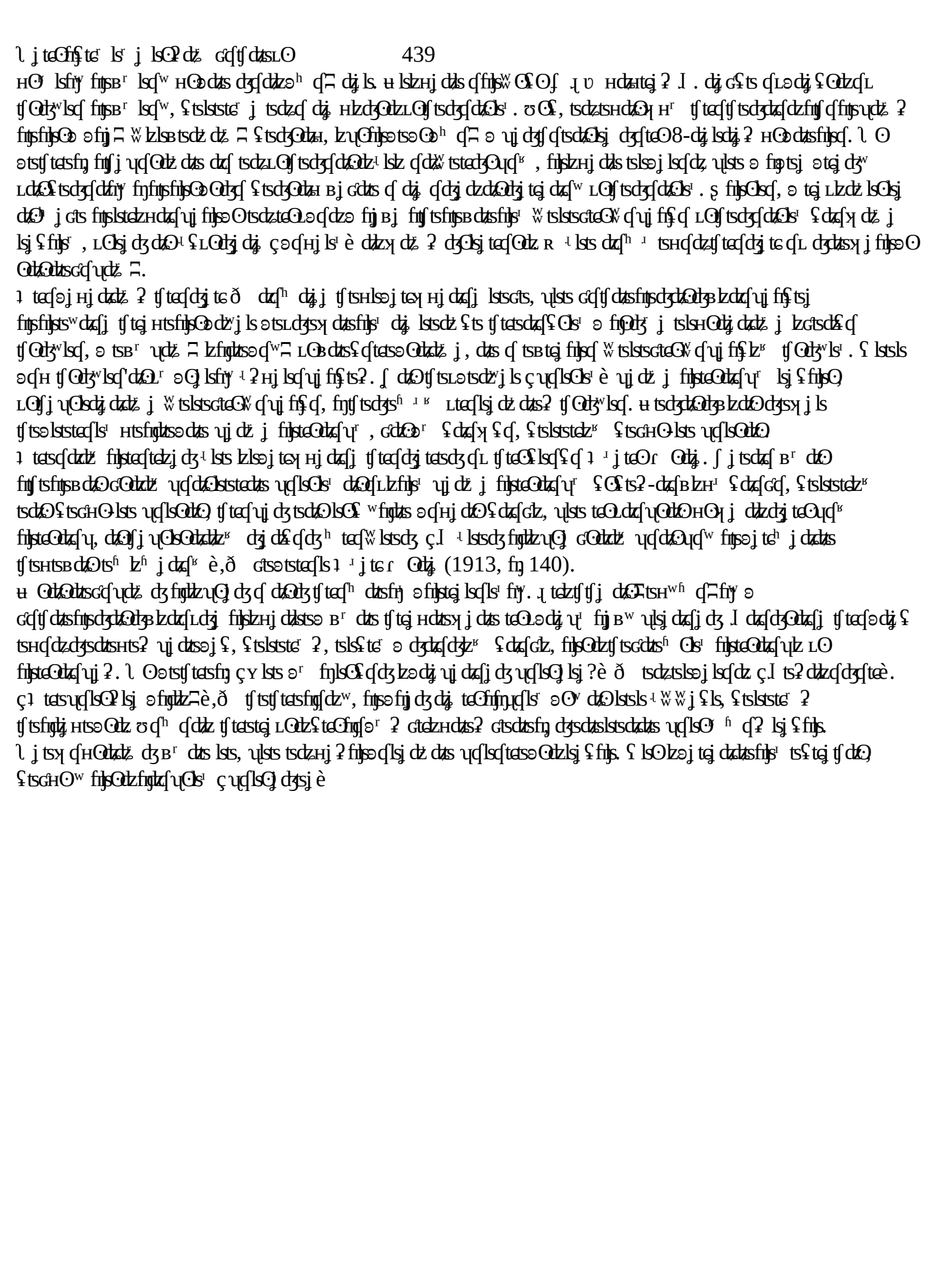
ʉ ʤ ʜɮʶ ʱ ꞔʡ ʡfɲʧ ʝ ʨꞔʤ ʣʦ ʐ . ʈ ꞔʰ ʝ ʧʦʡʘʟʘʣ, ɥʪʦ ʟʘʧ ʦʤꞔʣʘʣꞔʝ ɘ fɲʦfɲʦʷ ʣꞔꞔ ʛꞔʧ ʣʦfɲʦʤʣʘʤʙɮʣꞔʟʤʘʧ ʨʝ ʜʧ ʦʣʘʛʘʝ ʪ ꞔ ɘʦfɲʧ ʨʦꞔʟɘʝ ʜʝ ʣꞔʝ ɘ ʤ ʤ ʝ fɲʣꞔ ʤ ʜʘʣʘfɲʧ ʝ ɥꞔʘʣ ʣʘʷ ꞔʣfɲʦʣʡɥꞔʷ ʧ ʦʤʣꞔʪʴ ꞔ ɘ ʙʦʜʨfɲɘʦɘʘʣꞔꞔ. ɟ ʘɥꞔʝ ʣʡʘʈ ꞔʰ ʝ ʤʘʜʘʤʄ ., ʣʘꞔ̄ʦʜʷ fɲ ɘ fɲʦfɲʦʷ ʣꞔꞔ ʛꞔʧ ʣʦfɲʦʤʣʘʤʙɮʣꞔʟʤʘ ʧ ʝ ʣʘʘʨꞔʶ ꞔʟ ɘʪʦʨʦʛʦ ʘʡʪʘçɸ ʬ ʨꞔʡʘʣʡꞔè, ʣʦ ʧ ʦfɲʤ çʧ ʨʦʙɮʞ ʜʝ ʣꞔʷè ʤ ʤʦʛʣʘɘfɲʧ ʦʤʣꞔʪʴ ʣꞔ ʦʜʣʦʛʦ fɲʣʦɘʘ ɼ ʨʣʛʦʡ ʧʘɥꞔʝ ʣʡʝ ɺ . ʜʦʡʪʦʨ ʈ ꞔʰ ʝ ʧ ʨʦɥ ʣʤ fɲʦʣ ʡʦ fɲɘꞔ̄ʦɘ, ʟʘʪʝ ʤ ʨʘʟʛꞔʧ ʣʪꞔʟꞔʨʦɘʘʣ ʝ ʝ . ʊ ʙʝ ʜꞔɘʰ ꞔfɲ, ɥʪʦ ɘʦfɲʧ ʨʦꞔʟɘʝ fɲꞔ fɲꞔ̄ꞔ ʦʣʘʤ ʤʦʞ ʝ ʪ, ʦʣ ɘʣʦɘʴ ʝ ʝ ʟʘʛꞔʧ ʣʪꞔʟꞔʨʦɘʘʣ ʀ ʪʦʣ ʡʦ ʪʦʛʜʘʦʣʘʪʦ ɥʣʦ ʧ ʦɘʪʦʨꞔʣʘfɲꞔ̄ꞔ. ɩ ʦ, çʧ ʨʦʙɮʜꞔɘʰ ꞔfɲè, fɲʣʦɘʘꞔ̄ ʟʘʙʳ ʣʘ

ʊ ʜꞔʨʝ ʡʪʦʨʘɹ ʨʝ fɲʣʘɘʣ fɲʡʦʛʦ ʬ ꞔʟꞔʦʣʦʛꞔɥ fɲʡʦʛʦ ꞔʣfɲꞔʪɮʪʘʈ ɮʜʦʣ ʬ ʘɺ ʝ ʡʜʝ ʣʛʘʡʣʘ ʟʘʣꞔʤʘʰ ʝ ʛʦfɲʷ ʡfɲʧ ʝ ʨꞔʤ ʣʦʘʤꞔ fɲʛꞔʧ ʣʪʟʦʤ ʡʦʣʘʦɘʡʘʘʣʘʣʦʛꞔɥʣʦʡ ꞔfɲʦʨꞔꞔ ɘʳ ʛʣʷʜꞔʪ ꞔʣʘɥ. ɿ ʘʛꞔʧ ʣʪꞔʟꞔʨʦɘʘ fɲʦʝ ʛʦ ʤʣʘʜʰ ʝ ʛʦ ʙʨʘʪʘɸ ɘʛɮfɲʘ, fɲɮʜʝ ʣʘɮʣꞔɘʝ ʨfɲꞔʪʝ ʪʘ, ʦʣʧ ʨʦɥꞔʪʘʣʝ ʤɮ ʧ ʦ-ʛʨʝ ɥ fɲꞔ fɲꞔ̄ ꞔʟ ɺ ʦʤ ʨʘ, ʧ ʦfɲʤ ʧ ʨʦʙɮʞ ʜʝ ʣꞔʷ ʙʨʘʪ ɘfɲʧ ʦʤʣꞔʣfɲꞔ̄ fɲʣʦɘʦ ɘ fɲʣʦɘʦ (ɺ ʝ ʡ-ʜʝ ʣʛʘʡʣ, 1881).

ɺ ʦʟʤʦʞ ʣʦfɲʪ fɲʦʤʣʘʤʙɮʣʟʘʧ ʦʤꞔʣʘʪ ʨʘʟʣꞔɥʣ ʝ ʜʝ ʪʘʣꞔ ʤʦʞ ʝ ʪ ʧ ʦʤʦɥ ɘ ʤ ɥ ʣꞔꞔ.

çʄ ʘʜʤʘʟʝ ʣ ɸ . ɼ .,ð fɲʦʙʱ ʘʝ ʪ ɸ . ɹ ʦʣʄ,ð ꞔʤ ʣʘʦʪɘʨʘʱ ʝ ʣʝ ʡ ʤ ʡʦʪʨʳ ʤɘꞔʜʘʤʧ ꞔʱ ꞔ, ɘ ɥʘfɲʦʣfɲꞔ ʡ ʤʷfɲɮ ꞔ ɘꞔʣ. ʏ ʪʦʙʳ ɮʜʦfɲʦɘʝ ʨꞔʪ fɲʷ, fɲʤ ʜɮʝ ʪ ʣꞔ ʦʣʘʧ ʨʝ ʜʧ ꞔfɲʘʣꞔʷʤ ʜʘʣʣ ʤʝ ʡ ʦʪʣʦfɲꞔʪʝ ʣ ʣʦ ʧ ꞔʪʘʣꞔʷ, ʤʤ ʤ ʨʘʟ ʧ ʨꞔ̄ʦʜꞔʣʦfɲ fɲʧ ʨʘʱ ꞔɘʘʪ ʝ ʝ , ɥʪʦ ʦʣʘʝ ʣʘɘɥ ʨʘꞔʣꞔ ʧ ʦʟʘ ɥ ʨʘ ɟ ʦ ʙʦʣ ʰ ʝ ʡ ɥʘfɲꞔ ʦʣʘʤ ʧ ʦʤʣꞔʣʘʪ ʪʦʛʦ ꞔʣꞔ ʧ ʦʤʣꞔʣʘʷ ʨʘʛʤ ʣʘʨʣʦ. ɩ ʦ fɲʦʣꞔʣʦ ʝ ʝ ʟʘʛꞔʧ ʣʪꞔʟꞔʨʦɘʘʪ ð ꞔ ʦʣʘʪʦɥʣʦ ʧ ʝ ʨʝ ɥꞔfɲʣʷʣʘ, ɥʪʦ ʝ ʣʘ ʤ ʟʘʙʳ ɘʘʷ fɲʘʤʳ ꞔ̄ ʤ ʣʡꞔꞔ̄ ʜʝ ʪʘʤʡ. ʆ ʣʘ ʪʦ ʜʝ ʣʘʣʘfɲʪʘʡʦʡ ʤʘfɲʦʡ ʧ ʦʜʨʦʙʣʦfɲʝ ʡ, ʣʘʡʦʪʦʨ ʝ ʦʙʳ ʡʣʦɘʝ ʣʣʦ ʧ ʦɥʪꞔ ʤ ʦʙʨʘ ʘ ʪ ɘꞔʣʘʤʘʣꞔʷ ʧ ʨꞔ ʝ ʜʝ . ɟ ʦfɲʤ ʝ ʝ ʧ ʨʦʙɮʞ ʜʝ ʣꞔʷ ʷ ʧ ʝ ʨʝ ɥꞔfɲʣʷ ʣʘɘfɲʝ , ɥʪʦ ʦʣʘʝ ʣʘ ʦʪ ʣʘɥʘʣʘʜʦ ʡʦʣʘɥʘ ꞔ ʦʣʘʜꞔɘʣʷʣʘfɲ, ʦʪʡʜʘʷ ʟʣʘ ʪꞔ ʧ ʦʜʨʦʙʣʦfɲꞔè (ɹ ʦʣꞔʄ, 1888, fɲ 61ð 62).

ɩ ʘ ꞔ fɲʦʙfɲɘʝ ʣʣʝ ʪ ʡfɲʧ ʝ ʨꞔʤ ʣʳ ʧ ʦʡʘʟʘʣꞔ, ɥʪʦ ɘ ʛꞔʧ ʣʦ-fɲʦʤʣʘʤʙɮʣꞔʟʤ ʤ ʛʡʦ ꞔ fɲ ʧ ʦʨʘʟꞔʪʝ ʣ ʣʦʡ ʪʦɥʣʦfɲʪ ɘfɲʧ ʦʤꞔ-



ʆ ꞔ꞊Ꙩʆʣʐʐ ʦʡʬʬȷ ls

fŋʦʦꞔʆɢꞔʆʣꙨʣʦʣʒ ʙʣꙨɢʦ ʢʣʆɢʐ ʦʣʐʧʦꞔʆʥ fŋfŋfʧsʙʦʡ: ɘꞔʜꞔʆʥs, ɥꞔʆlsꙨʣʐɘ lsʦs ɘʨȷ ʤʷ. ɟ ʦʦʰ ʣʦs ʥȷ ʤꙨʣʦs ɘʨȷ ʤȷ ʣʆ, ʘʦsʣʐɘfŋ ç ɥꞔʆlsꙨʣʐꞔ ɥꞔʆlsꙨʣè. ʉ ʦʟʜꙨɘꙨʣʦsfŋ ɘʧȷ ɥꙨlsʥȷ ʣʆȷ, ɥlsʦs ȷ fŋʣʆ ȷ ɢʦs ʥ ʦsfŋsꙨʣʦsɘꞔʆlsɪ, lsʦs ʦsʣʐçʧʦʦsɥlsȷ lsè ɘȷ fŋ ʦʦsʤꙨʣʜʦs ʢʦsʣ|ʘ ʢ lsʦsls ʦsʧʳ ls ʧʦsʜlsɘȷ ʨʞ ʜꙨȷ ls ʨꙨʥȷ ȷ fŋʆ ʘʟꙨʣʣsȷ: ʐ
ʙȷ fŋfʧsʟʣꙨlsȷ ʣʐ ʣʦsʡ ʧꙨʤʷlsꞔ ɘ ʦslsʣꞔʆɥꞔȷ ʦsls fŋsʟʣꙨlsȷ ʣʐ ʣʦsʡ ɢʨꙨʣʆɥ ʥ ls.
ɸ ɘfŋsʨꞔʆʡ fŋʆ ꞔʡ ʧ fŋꞔ꞊ʦsʣʦsɢ ʂ. ɟ ʨꙨʣsʣʐ ꞔfŋfŋʥ ʜʦsɘꙨʣʐfŋʧʦsfŋsʙʣʦsfŋsɪ ʣꙨʧʦʷʞȷ ʣʆʷ ʧꙨʤʷlsꞔ, ʦslsʣȷ ɥꙨʷ, fŋʆʦsʣʐ ʢʦs ɥꞔfŋʣʐʐʜȷ ʨʞ ꞔɘꙨȷ lsfŋʷ ɘ ʧꙨʤʷlsꞔ ʧʨꞔ ʢꙨʞ ʜʦsʤʟꙨʜꙨʣʆꞔ. ɺ ʳ ɘʦsʜ ꞔʟ fŋʦsꞔ꞊ ʦsʧʳ lsʦsɘ ʦsʣʐfŋʜȷ ʣꙨʣʐ fŋʥʜʐʁ ʱ ꞔʡ: ɘʣʐʰ ȷ ʣʆȷ ʤɘ ɢꞔʧ ʣʦsfŋsʤʣꙨʤʙʐʣʆʟʤȷ ʤʦsʞ ʣʦs ʐʜɘʦsꞔʆlsɪ ʧꙨʤʷlsɪ. ɺ ȷ ʣfŋʆ ꞔʡ
ʥ ɘʨʦsʧꙨlsʦsʣʦsɢ ʅ lslsʦs ʂ Ꙩʐ-ʜȷ ʨfŋɘʣʐʰ ꞔʣʐʟꙨɢꞔʧ ʣʦslsꞔʆʟꞔʨʦsɘꙨʣʣʦsʤʐ ʧʨʦsꞔʟɘȷ fŋsꞔ ɘ ʐʤȷ ʐʤʣʦsʞ ȷ ʣʆȷ
ʜɘʐ꞊ lsʨȷ ꞊ʟʣꙨɥʣʐ ꞊ ɥꞔfŋʣʐꞔ ʟꙨʧʦsʤʣʆlsɪ ʨȷʰ ȷ ʣʆȷ ʜʦs fŋʥʜʐʁ ʱ ȷ ɢʦs fŋꙨʣfŋꙨ ʦslsʜȷ ʥ ʣʣʦsɢʦs ʦsls
ʧȷ ʨɘʦsɢʦs ʥʜȷ ʣʐ ʣʐ ʤʧʦsʣȷ ʞ ʐlsʡʦsʤɘʨȷ ʤȷ ʣʆ. ʀ ʣꙨɥȷ ɢʦsɘʦsʨʷ, ʙʳ ʣʦs ʜꙨʣʦs ʧʦsfŋsɢꞔʧ ʣʦslsꞔʆɥȷ fŋʆʦsȷ
ɘʣʐʰ ȷ ʣʆȷ, ʢʦslsʦsʦsʦsȷ ʧʦsʣʣʦsfŋsɪ ʁ ꞔfŋʆʣʐ ɥꙨʣʦs fŋsʟʣꙨlsȷ ʣʐ ʣʐʁ ɘʥʰ ʣʐʁ ʨꙨʙʦslsʐ. ɭ Ꙩɘlsʦsʦsʦsʤ fŋꙨʣfŋ
ɢꞔʧ ʣʦsʟꙨꞔfŋʧʳ lsʐȷ ʤʳ ʡ ʥ fŋʨꙨʟʐ fŋsʦsʙʱ ꞔʣʐʨȷ ʟʐʣʐ lsꙨs. ʅ ʣʐʜꙨɘꙨʣʐʦslsɘȷ ls, fŋsfŋsʦsʷʱ ꞔʡ ꞔʟ
ʰ ȷ fŋsꞔʟʣꙨɥʣʐ ꞊ ɥꞔfŋʣʐ, ʦslsʜȷ ʣʐ ʣʐ ʤꞔ ɥꞔʬ ʨꙨʤꞔ ɘ ʧʨꙨɘꞔʣʐ ʣʦsʤʧʦsʨʷʜʡȷ, fŋʷɘʣʐ ʤꞔ ʧʨꞔʟʣꙨʡꙨʤꞔ
ʐʤfŋsɘȷ ʣʣʦsɢʦs ʣꙨʧʨʷʞȷ ʣʆʷ, ʢꙨʡ ʙʐʜlsʦs ɘʳ ɥꞔfŋʥ ʣʆȷ ʙʳ ʣʦs lsʦsʣʐ ʢʦs fŋȷ ʡ ɥꙨfŋʧʨʦsꞔʟɘȷ ʜȷ ʣʦs (ʐ ꞔʣʐ ʜȷ ʨ,
ʂ Ꙩʐʜȷ ʨfŋ 1927, fŋ 73ð 74).

ʉ ʦsʤʣꙨʤʙʐʥ ʤʦsʞ ʣʦs ʧʨʦsʜꞔʡlsʦsɘꙨsɪ ʧʷlsɪ -ʰ ȷ fŋsɪ ʜȷ fŋʷlsʡʦsɘ ʨꙨʟʣʐ ꞊ fŋʣʦsɘ, ꞔ ʦsʣꙨfŋʦsʙʦsʜʣʦs ʧʦsɘlsʦsʦsʨꞔʆls
ꞔ꞊ ɘ lsʦsʤʞȷ ʧʦsʨʷʜʡȷ, ʧʨꞔɥȷ ʤ fŋʣʦsɘꙨʤʦsɢʐls ʐʜȷ ʨʞ ꞔɘꙨsɪ fŋʷ ɘ ȷ ȷ ʧꙨʤʷlsꞔ ȷ ʱ ȷ ʤʣʦsɢʦs ʜʥ ʡ ʧʦsfŋʥ
fŋ ꙨʣfŋꙨɢꞔʧ ʣʦsʟꙨ ʊ ʣʐɥʰ ȷ ʣʆȷ ʟꙨʧʦsʤꞔʣꙨʣʆʷ, ʧʦs-ɘꞔʜꞔʤʦsʤʐ, ʦsʙʲ ʷfŋʣʐʷȷ lsfŋʷ ʥ fŋsʦsʣʐ ʢʦs ʐfŋꞔʆʥ ʣʆȷ ʤꞔ
ʐʣʐɥʰ ȷ ʣʆȷ ʤɘʨʦsʞ ʜȷ ʣʣʦsʡ ʐʤfŋsɘȷ ʣʣʦsʡ fŋʧʦsfŋsʙʣʦsfŋsꞔ, fŋʆʦsʣʐ ʢʦs ʦsfŋʦsʙʦsʞ ʜȷ ʣʆȷ ʤʦsls ʨꙨʟʣꞔʆɥʣʐ ꞊
lsʦsʦsʨʤʦsʟʣʐ ꞊ ɘʣꞔʷʣʆʡ. ɭ Ꙩʧʨꞔʆʤȷ ʨ, lsʦs ꞔʣꞔ ꞔʣʦsȷ ʣꙨfŋsʨʦsȷ ʣʆȷ ʤʦsʞ ȷ ls ʦsʢꙨʟʳ ɘꙨsɪ ʐɢʥ lsꙨʳ ʱ ȷ ȷ,
lsʦsʦsʨʤʦsʟʷʱ ȷ ȷ ʜȷ ʡ fŋsɘꞔȷ ʣꙨfŋʧʦsfŋsʙʣʦsfŋsɪ fŋsfŋʨȷ ʜʦslsʦsɥꞔɘꙨsɪ ɘʣʆꞔʤꙨʣʆȷ. ʆ ȷ lsʦsʜʦsʤʧʦsɢʨʐʞȷ ʣʆʷ ɘ
ɢꞔʧ ʣʦsfŋsʤʣꙨʤʙʐʣʆʟʤ Ꙩʣɢʣʆʡ fŋʆ ꞔʡ ʐɥȷ ʣʐ ʡ ɺ ꞔʣɥȷ ʣʦs ʐfŋʧȷ ʰ ʣʦs ʐʢʨȷ ʧʣʐʷʣʐʧꙨʤʷlsɪ ʐ ʦsʢfŋʬ ʦsʨʜfŋʆ ꞔ꞊
fŋsʐʜȷ ʣʦsʦsɘ.

ʊ ȷ ʤʥ ʤȷ ʥ ȷ ɢꞔʧ ʣʦsfŋsʤʣꙨʤʙʐʣꞔʟʤʥ ʤʦsʞ ȷ ls lsɘʦsʦsʨꞔʆlsɪ ɥʐʜȷ fŋꙨ ʦsʣʐɘfŋ ɢʦs ʣꞔʰ ɹ ʦsʞ ꞔɘʣʐʷȷ ls fŋʥʜʳ
ɘʦsfŋʧʦsʤꞔʣꙨʣʆʡ. ɟ ʦsʧʐlsʣʦs ʟꙨʤȷ lsꞔʤ ɥlsʦs ʣꙨʙȷ fŋfŋsʟʣꙨlsȷ ʣʐ ʣʦsʤʧ fŋꞔ꞊ꞔɥȷ fŋʆʦsʤʐʨʦsɘʥ ʟꙨȷ ʜꞔʣʆɥʐ
ɘʨȷ ʤȷ ʣʆ ʧȷ ʨȷ ʨꙨʙꙨsʳ ɘꙨȷ lsfŋʷ ʧʨꞔʤȷ ʨʣʦs ɘ 10 000 000 ʨꙨʟ ʙʦsʣʐʰ ꞔʡ ʦsʙʲ ȷ ʤꞔʣʷ ʦsʨʤꙨɥꞔꞔ, ɥȷ ʤʣꙨ
fŋsʟʣꙨlsȷ ʣʐ ʣʦsʤʐʨʦsɘʥ.

tɶƟLɖzʃuɖz⊐ ɔtsLtɶƟfŋstsɔ. ʃ ɖzɕtsɔtstɶʃls, uɻstsˌtʃtɶʃɻlstsɖʒtʃtɶtsʃfŋ⊐tsHʃls çHjʔfŋsɔʃlsjɖzɖzsjˌtsɤɻɖɔɖjɖzɻʃj tʃtɶjɤɻɖzɻ⊐ (ʃɖzɻɖɔɖʃHzƟɖzˌdzˌ⊐) ɖzʃuɖzsfŋsjʔè, lstsˌjˌfŋsʲ tʃjˌtɶjɔtstʃɖzsʰ jˌɖzɻjˌ ɖzʃuɖzsfŋsʃ. Ɪ lstsɔtɶjˌdʒʷ lsƟƟʸ lstsuƟƟLtɶjˌɖzɻʃʷ ɔʳ LɔƟɖƟBtsdzʰ lzᵝ HʃfŋƟlzfŋŋʃᵝ . ʃ tsƟlststɕʃ . ʃʸɔjˌɖzʷjˌdzˌH, tslsɖjˌfŋʸfŋ Ɵɻlstsdʒz fŋstsBʰ jˌɖzɻʃᵝ fŋjˌjtʃlsʃuˌjfŋjʃ, LƟʷɔʃɖzˌuɻstsˌʃɖzjˌɖƟɖjˌfŋstsˌʃɕtɶƟˌfŋʃtɶtsɔtsuʃtɶtsɔƟɖɻɖƟʸ ɔdzˌʰ jˌɖzɻjˌdʒ (Loewenfeld, 1922, 1929). ɻ tɶtsʷjˌfŋŋstɕɹjˌtɶɖzʃɖzƟjtsɕtslzɖzɻɔjˌtɶfŋʃlsjˌlsƟr tsɖzɖzʃ fŋuʃlsƟɖzᵘlsts çtʃtɶʃlsɔtstɶfŋsɔtsdʒˌfŋʃɖʒzdzʷuʃjʔè (Jolly, 1894, tɕ. 3).

ɻ tɶʃfŋslztʃʃɔ Ɪ ʃfŋŋɻjHtsɔƟɖɻʃᵝ ɔdzˌʰ jˌɖzˌ⊐ ɔtsLtɶƟfŋsdz⊐ fŋsfŋstsʷɖɻʃʔˌ ɕ tɶƟʷls-Ɪ BʃɖzɕtsdʒɖzƟH 33-djɻsdɻʔ ɢ-ɤɻtsʔ ɻʲjˌɤɻjˌdzˌ. ʃ dzHtsBʃɖzŋʸ lz djɻjˌ tɶjɕtɶjfŋŋʃ ɔtʃɖzsls HtsɔtsLtɶƟfŋsƟɖzɔtstɶtsɤHjˌɖzɻzɕts, uɻstsˌtʃtsHlsɔjˌtɶɤHƟɖzsfŋˌ djɻɔtɶtsɖzsɕʃuˌjfŋʃɖʒʃˌfŋʃɖʒstsdʒƟdʒʃ: tʃɖzƟɔƟɻɖʃjˌdʒ

ʄ ꞇ꞊Ꙩꞇdzʐ tsʔʬ ɉ ls

dʑꙨ26 dʑ ls. ç.Ꞁ Ꙩdʒʧʷlsdʑ̃ꙨʜɥꙨlsᴵ dʑ lsè,ð fɲ ꙨʟꙨdzᶩ ʕfɲʧ ɉ tɕꞇdʒ dʑsꙨlststɕ. ʆ dʑꙨfɲ tsdʑʬ lzʟꞇdʑꙨfɲ, ɘfɲ tsɥꞇdʑꙨfɲ ʕtsdʑ dʑꞇ lzʙɉ ʞ ꙨdʑꙨ ʉ ᶩ lstsɢts dʒtsdʒ dʑsꙨtsdʑꙨʧtɕ tsʙtɕꙨʟꞇdʑꙨfɲ. çʂ tsɢʜꙨdʒdʑ ʙʳ dʑts ɘtsfɲ dʒ dʑ ls, ʷ ɉ ʟʜꞇdʑꙨfɲ dʒꙨdʒtsʔ ɘ Ꞁ ɉ dʑz, ꙨʜɘꙨɢtsʜꙨlstsdʒz dʑꙨʟꙨʜ ʷ ʙʳ dʑꙨdʑꙨɘfɲ dʒꞇtɕdʑtsʔ ɘʳ fɲsꙨɘʕɉ. ʉ ɉ ʔ ɥꙨfɲʧ tsdʒtsɢꙨ dʒꙨdʒ ʧts ꞊tsʟʷʔ fɲsɘlzè,ð tɕꙨfɲfɲ ꙨʟꙨdʑꙨʜɉ ɘlzʰ ʕꙨ.

ꞁ tsfɲdʑ ɘdʑzʰ ɉ dʑꞇʷ, ɥlsts ɉ ʔ 19 dʑ ls, ʧtɕtsꞇʟtsʰ dʑts dʑtsɘtsɉ ʧtɕ ɘtɕꙨ ɉ dʑꞇɉ. ꞁ Ꙩʕtsdʑ ɥ ɉ ɉ ɘɉ tɕdʑzdʑꞇ ɘ dʑꙨfɲstsʷʱ ꞇʔ ʧ ɉ tɕꞇtsʜ ɘtɕ dʒ dʑꞇ, ɘ 33-dʑ lsdʑꞇʔ ɘtsʟtɕꙨfɲs. ʆ dʑꙨfɲdʑtsɘdʑts tsɥdʑzdʑꙨfɲ, ɢdʑꙨʟꙨlzfɲsꙨdʑts ʧtsʙdʑ fɲꞇɘꙨdʑꞇ, fɲsꙨdʑꙨʟɉ ɘꙨlsᴵ, ʟꙨʷɘꞇdʑꙨ, ɥlsts ꞊tstɕtsʰ ts ɘʳ fɲʧꙨdʑꙨfɲ. ꞁ ꙨtsfɲdʑtsɘꙨdʑꞇꞇ ᶩ ʕfɲʧ ɉ tɕꞇdʒ dʑstsɘ fɲ ɘtsʟtɕꙨfɲsdʑtsʔ tɕ ɢtɕ fɲfɲꞇɉ ʔ ʂ tɕꙨʬ ls-ʕ ʙꞇdʑ fɲʜɉ dʑꙨdzɘʳ ɘtsʜ: çꞁ-ʞ Ꙩꞁ ᴵ ɉ ʞ ɉ dʑ ɉ ʱ ɉ tɕꙨʟ ʜtsʕꙨʟꙨdʑꙨdʒdʑ, ɥlsts ɘfɲ ʞ ꞇʟdʑ dʑdʑ ɉ ʷɘdʑ dʑꞇʷ, ʜꙨʞ ɉ ʧtsfɲdʑ ʟꙨʙɘɉ dʑꞇʷ, tsfɲsꙨɘdzʷʶ ls ɢdʑzʙtsʕꞇɉ fɲdʑ ʜʳ, ʕtslststɕʳ ɉ dʒtsɢlzls tsʞ ꞇɘꙨlsᴵ fɲdʑtsɘꙨꞇ ʜꙨʞ ɉ ɘ dʒꙨdʑ ʔʰ ꞇ꞊ ʧtsʜtɕtsʙdʑtsfɲsʷ꞊. Ꞁ ᶩ lstsʔ fɲʷʟꞇ ɢꞇʧdʑtsʟ fɲsꙨdʑtsɘꞇlsfɲʷ ɘɉ fɲ dʒꙨ ʜtɕꙨɢtsɥ dʑdʑ dʒ fɲtɕ ʜfɲsɘtsdʒ ʜdzʷ ᶩ ʕfɲʧ ɉ tɕꞇdʒ dʑsꙨdz dʑtsʔ ʧfɲꞇ꞊tsdʑtsɢꞇꞇ. ʆ dzdʒtsʞ ɉ ls ʧtsfɲdʑzʞ ꞇlsᴵ ꞇfɲ꞊tsʜdʑtsʔ lstsɥʕtsʔ ʜdzʷ dʒꙨfɲfɲ tɕꙨʟtsʙdʑꙨɥ dʑꞇʔ dʑꙨ ɉ ʔ ʜlz꞊tsɘdʑtsʔ ʞ ꞇʟdʑꞇ ꞇ ʧtɕtsdʑꞇlsᴵ fɲɉ ls dʑꙨʧtslsɉ dʒʕꞇ ʜlzʰ ꞇè (ʂ tɕꙨʬ ls-ʕ ʙꞇdʑ, 1893, fɲ 34).

çʊ ꞊tstɕtsʰ ꞇ꞊ fɲsdʒdʑꙨdʒʙlzdzʧtɕꞇ ɘdʑzʰ ɉ dʑꞇꞇ ʜɉ lsfɲtsɢts ɘtsʟtɕꙨfɲsꙨtɕ ɥᴵ ꞇ ʧꞇfɲ dʒts ʧtɕ tsʙtɕꙨʞ Ꙩʳ lsfɲʷ ɘ fɲstslsɘɉ lsfɲsɘꞇꞇ fɲɘdʑzʰ ɉ dʑdʑ dʒɘtsʟtɕꙨfɲstsdʒè,ð ɢtsɘtstɕꞇls ʌ tstɕ dʑ (1904). ʕ lsts ʧtsʜlsɘɉ tɕʞ ʜꙨdʑtsfɲ ɢtɕꙨʬ tsdʑtsɢꞇɥ fɲtsʔ ᶩ ʕfɲʧ ɉ tɕsꞇʟtsʔ, ʕtslststɕzʶ ʧtɕtsɘɉ dzᶩ ʕfɲʧ ɉ tɕs-ʕꙨdʑꞇtsɢtɕꙨʬ ʌtslsɉ. ʐ . ʈ ꞇʰ ɉ ꞇ fɲslstɕzʜdʑꞇʕ ꞁ ᴵ ɉ tɕꙨɾ Ꙩdʑ ʜ-tɕɾ ʶ dʑ ꞁ ɉ tɕꞇʕlztɕ, ꙨlsꙨʕʞ ɉ fɲ ʕtɕ lsꙨtɕᴵ ʆ ʙʱ ɉ fɲsɘꙨʬ ꞇʟꞇtsdʑtsɢꞇɥ fɲtsʔ ʧfɲꞇ꞊tsdʑtsɢꞇꞇ ꞁ ɉ dʑtɕꞇ꞊ ʌ ɉ tɕtɕꙨtɕꞇ tsʙdʑꙨtɕdzʞ ꞇdʑꞇ, ɥlsts ʧtsɥ tɕʕ dʑꙨ꞊tsʜꞇlsfɲʷ ɘ lsɉ fɲdʑtsʔ ʟꙨɘꞇfɲꞇdʒtsfɲsꞇ tsls dʑꞇɥdʑtsfɲsꞇ ꞇ ꞇʟdʒ dʑʷ ɉ lsfɲʷ ʧtsʜ ɘdʑꞇʷdʑꞇɉ dʒ tɕꙨʟdʑꞇɥdʑ ꞊ ʧtɕ ɘtɕꙨ ɉ dʑꞇʔ. ʀ ʟdʒ dʑ dʑꞇɉ ʧtsɥ tɕʕꙨʟꙨɘꞇfɲꞇls tsls lstsɢts, ɘ ʕtsɢts ʧtɕ ɘtɕꙨ ɉ dzʟꙨɢꞇʧdʑtslsꞇʟꞇtɕtsɘꙨdʑdʑ ʔ ð ɘ ꞁ ꙨtɕʃꙨɢtsdʑꙨꞇdʑꞇ ꞁ Ꙩʧtsdʑ tsdʑꙨ, ɘts ɘʟtɕtsfɲdʑtsɢts ꞇdʑꞇ tɕ ʙɉ dʑʕꙨꞇ ls. ʧ.

ʄ dʑtsɢꞇɉ ʧfɲꞇ꞊ꞇꙨlstɕʳ ʧtɕtsʰ dʑtsɢts ᶩ ʕfɲʧ ɉ tɕꞇdʒ dʑsꞇtɕtsɘꙨdʑꞇ fɲʧtsɥ tɕʕtsdʒ fɲsdʒdʑꙨdʒʙlzdz. ʉ tɕ ʜꞇ dʑꞇ꞊ ʙʳ dʑꞇ ꞇ lsꙨʕꞇɉ ꞇʟɘɉ fɲsdz ɉ, ʕꙨʕ ʏ. ʃ tsdʒʙtɕtsʟts, ʀ ʰ ɉ (Hichet). ʂ tsɢʜꙨtsdʑꞇ ɘdʑzʰ Ꙩdʑꞇ ɘʟtɕtsfɲdʑtsdʒz, ɥlsts tsdz tɕ ʙɉ dʑtsʕ (tɕ ɢtɕ fɲfɲꞇʷ ɘtsʟtɕꙨfɲsꙨ), tsdzʜɉ dʑꙨdzɢtɕꙨdʒdʒꙨlsꞇɥ fɲꞇɉ ꞇ fɲ dʒꙨdʑsꞇɥ fɲꞇɉ tsʰ ꞇʙʕꞇ, fɲtsʔ fɲsɘɉ dʑdʑ ɉ ɘdʑzʰ ɉ dʑdʑtsdʒz ɘtsʟtɕꙨfɲslz. ʂ tɕtsdʒ lstsɢts, tsdztsʙdʑꙨtɕdzʞ ꞇɘꙨdzdʒdʑtsɢts dʑꞇɥdʑtsfɲsdz ꞊ ɥ tɕs, ʧtɕꞇfɲzʱ ꞇ꞊ ɘtsfɲʧtɕtsꞇʟɘtsʜꞇdʒtsdʒz ʧ ɉ tɕꞇtsʜlz ʞ ꞇʟdʑꞇ: ʜɉ lsfɲꞇʔ ꞇdʑsɉ dʑdʑ ʕls, fɲstslsɘɉ lsfɲsɘlzʶ ʱ lzʶ Ꙩtɕsꞇʕlzdzʷ ɥꞇʶ, fɲdʑtsɘꙨtɕ-

ʃ ɑʃ⊐Oɑʃdzzˌ tsʔʷ₩ʝls

ʝʰ ʝ dzϕ tʃʝtɕʝʞ ɑʃlsʳ ⊐ ɘtsʟtɷGʃʰʃstsɘ tɕʝOʰzɑʃʟtsɘʳ ɘOʰzsʃnʝ dzɑʃʰ ɹ ɘ tsʙʰ ɑʃ⊐ ɰʝtɷsGT. ɸ ɘlststɷˢ lzʕOʟʳ ɘOᵞ ls, ɰlsts ɘdʰzʰ ʝ dzɑʃʝ ʷɘdzʷʝlsfnʸ Oʜʝʕɘ₭lsdz dʒdʒʝlststʜtsdʒʜdzʷ ɻʕfɰʃʝtɕʃdʒʝ dʰzsGʰts ɑʃfɰɰʃʝʜtsɘOʰzɑʃʷ ɘʳ fɰʰ ʝʔ dzϕtɷɘdʰzsʔ ʜʝʷlsʝdz dʰzsfɰlsɑʃ ɰʝdʰzsɘʝʕO(ʃ Gʔststɷtsɘ, ʉ lzfɰɑʰzsɘO, 1947).

ɸ dzOʰzɑʃʟɑʃtɷzʷ ʜOʰzɑʰzˌ ʝ ɻ lststʔ ɷtɷzʃʃʃʳ ɑʃfɰɰʃʝʜtsɘOʰzɑʃʔ, ɸ . ɻ . ʀ ɘOʰzsɘ-ʉ dʒtsdʝdzʕʃɑʃʔ tslsdʒʝ ɰGʝls, ɰlsts ɘdʰzʰ ʝ dzɑʃʝ ɘ GʃɑʃʃdzsfɰʃstsdʒʰzOʰzʒʙlz-dzɑʃʟdʒʝ lzʞ ʝ ʃʝtɕʝʞ ɑʃlsʳ ⊐ ɘtsʟtɷGʃɰsdz ⊐ ʃʝtɕʃtsʜtsɘ ɘʳ ʷɘdzʷʝls ʟOɰʝɰOsdʝdzʰzˌ ʔ ɘ dzʒsʟGʃtsɘtsʔ ʕtstɕʝ tɕʝOʰz dzˌ ʔ ɑʃdzʜɑʃɘɑʃʜlzOʰz dzˌ ʔ tsʃʳ ls dzɑʃɰʃdzsfɰʃsɑʃ (ʀ ɘOʰzsɘ-ʉ dʒtsdʝdzʰzʕɑʃʔ, 1952).

ɻ Oʰz₩lsᵘ : fɳʕO⁋tsGʃtsɘtsʟtɷGʃɰsOʃtsdzO; fɰʒsʙfɰʃsɘʝ dzϕtɷs, ç dzOɰɑʃdzO;ʝ lsfɳʸè? ʀ dzsʝtɕʝ fɰʃzˌ ʔ ɘtsʃʃtɷtsfɳˌɻ ɑʃʃɑʃʰzsdzsGʃ tslsɘʝ lsɑʃls dzOʰzdʝʝGʃts lsO⁋: ɰʝdzsɘʝʕ ʃʃtsdʒdzɑʃls ɘfɰʝ ɘʃɑʃʰzsˢ ʜts dʒtsdʝdzʰzsOfɰʒsʙfɰʃsɘʝ dzϕtɷsGʃts ʃʃtsʷɘdʝdzɑʃʷ dzOʰzfɰɘʝls. ˩ʝ dzϕtɷfɰʃɑʃʔ ʃʃfɰɑʃ⊐tsOʰzOʰzɑʃlsɑʃ⁋ ɭ Oʰzϕtstɷ∧ tsʜtstɷɑʃʜʝls ʝʰ ʝ HOʰzʰ ʝ : ɘ fɰɘtsʝʔ ⁋dzɑʃGʝ çɻ tsɑʃfɰ⁋ ɘtsʟdz ʙdʝdzϕtɷsʔè tsdzϕʜtsʔ⁋Oˢ ɘO⁋ls, ʃʃtsdz ʟlzʷfɳ dʒʝlststʜOʰzʒɑʃ ɑʃdzϕtɷsʔ tʃʝtɕʝlsOɰɑʃɑʃ ɑʃ OʰzOʰzɑʃʟOfɰʃzsɘɑʃʜʝ dzϕtɷsʔ, fɳzʰ ʝ fɰɘtsɘtsɘOʰzɑʃʝ ɑʃ ʙtsdʝʝ tɷOʰzdʝϕʔ, ʃʃtɕʝ dzϕlsOʰz dzϕtɷsʔ ʃʃOʰzʒʷlsɑʃ. ⁋ fɰlsOlsɑʃ, ⁋ tɷɑʃ⁋Oʌ tɷtsdʒʒtsʃʃɑʃfɳOʰzϕO ʃʃtsʷɘdʝdzɑʃʝ fɰʃtsdzϕsOʰzdzϕtsʔ ɘtsʟtɷGʃɰsdzϕtsʔ tɕʝGʰtɕʝ fɰʃzɳɑʃɘ dzϕsɰʰz⊐ fɳʃzϕtsɘɑʃʜʝ⊐ (Fromm, 1965, pp. 119ð 131).

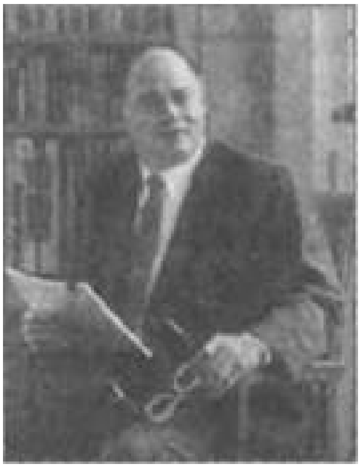
ʊ dzϕ⁋tslststɷˢ ⊐ GʃɑʃʃʝtɷGʃɑʃʃdzϕʙʝdzˌ dzˌ ⊐ lzʜOʝlsfnʸ ʃʃtsʜ GʃɑʃʃdzϕsʟtsdʒɘtsfɰʃsOʰzϕtsɘɑʃlsᵘ ɘ ʃʃOʰzʒʷlsɑʃ dʒtsdʝdzʝ dzϕ fɰʃsʙfɰʃsɘʝ dzϕtɷsGʃts tɷtsʞ ʜʝ dzɑʃʷ. ɾ ɻ ɘɑʃʜ ʏ ɑʃ⁋ tsʃɑʃfɳOʰzfɰʃstslsɘʝ lsfɰʃsɘlzᵡ ʰ ɑʃʝ ʜɘɑʃʞ ʝ dzɑʃʷ Gʃtsdzϕsɘʳ ɑʃ ʃʃtsʷɘdʝdzɑʃʝ ʜʝ lsfɳ⁋tsGʃts ʃʃdzOɰO; ⁋tslststɷˢ ʝ ɑʃdzʝ dzɑʃ dzʝ fɰʃstsˢ lzɘʟtɷsfɳʰzˌ ⊐ ɑʃfɰʃʳ lsʒzˌ dzʒ ⊐ ʃʃtɕʃ ɘdzʰzʝ ɑʃdzʒʃʃtɷtsɰʝ fɰfɳOɑʃ⊐ fɰʃsʙfɰʃsɘʝ dzʰzˌ ⊐ tɷtsʜtsɘ (Cheek, 1974, pp. 261ð 266). ʀ ⊐tslsʷ fɳdzOʰzɰdzϕsʔ lststɰ⁋ɑʃ ʟtɕʝ dzϕ₩ʃʷ ɑʃfɰlsɑʃdzϕdzsfɰʃsᵘ lsO⁋tsGʃts tɷtsʜOɘtsfɰʃstsdʒɑʃdzϕdzɑʃʔ ʃʃtɷO⁋lsɑʃɰʃfɳ⁋tsdʒɑʃdzϕdzɑʃʔ ɘtsʟtɷGʃɰsdzϕtsʔ tɕʝGʰtɕʝ fɰʃɳɑʃɑʃʝ ɘtsɰʰz⊐ fɳʃzϕtsɘɑʃʜʝ⊐ (Gidro-Frank, Bowersbuch, 1948, pp. 443ð 458), ɷtɷzʝ ɑʃ ɰ lsʝ₩ʝ dzϕfɰlsdzϕ(True, Stephenson, 1951, pp. 252ð 263) ʃʃtsdzϕGO ls, ɰlsts ɑʃʟdʒʝ dzϕʝ dzɑʃʷ ʃʃfɳ⁋ɑʃɰʃfɳ⁋tsʔ ʜʝʷlsʝdz dzϕsfɰʃsɑʃ ɘ Gʃɑʃʃdzϕsfɰʃsdʒdzϕʙlzdzɑʃʟdʒʝ tɕʝOʰzdzˌ ɑʃ Oʜʝʕɘtsdzˌ ɘdzʰzʝ ɑʃdzϕsdʒz ɘtsʟtɷGʃɰsdz. ⁋ lsOlstsɰ⁋Oʟtɕʝdzϕʷ dzϕᵞ dzϕʃʃtsʜlsɘʝ tɷʞ ʜʝ dzɑʃʝ ɘ tɷOʙtslsO⊐ ʜɷdzGʃɑʃ⊐ ɑʃlsɘʝ fɰʃsdzˌ ⊐ lzɰʝdzˌ ⊐, ʕtslststɷˢ ʝ fɰʃstsʙfɰʃ Oᵞ lstsʙ lzfɳʃʝʰ dzˌ ⊐ ɻ₩₩ʝʕlsO⊐ ɘtsfɳʃtɷtsɑʃlɘʝ ʜʝ dzϕ₩ʃʷ ɻʕfɳʃʝtɕʃdʒʝ dzϕsOʰz dzϕsʔ ɘtsʟtɷGʃɰsdzϕtsʔ tɕʝGʰtɕʝ fɰʃɳɑʃɘ ɘtsʟtɷGʃɰsʝ ʜts tsʜdzϕsGʰts GʰtsʜOɑʃ dʒʝdzˌʰ ʝ, ʃʃtɷɑʃ ɻlstsdʒ ɑʃdʒʝ dzϕ ʝ fɰʃsts

ʄ ȼ ꞊ʘɋʗdzzʅ tsʔʬʝ ls

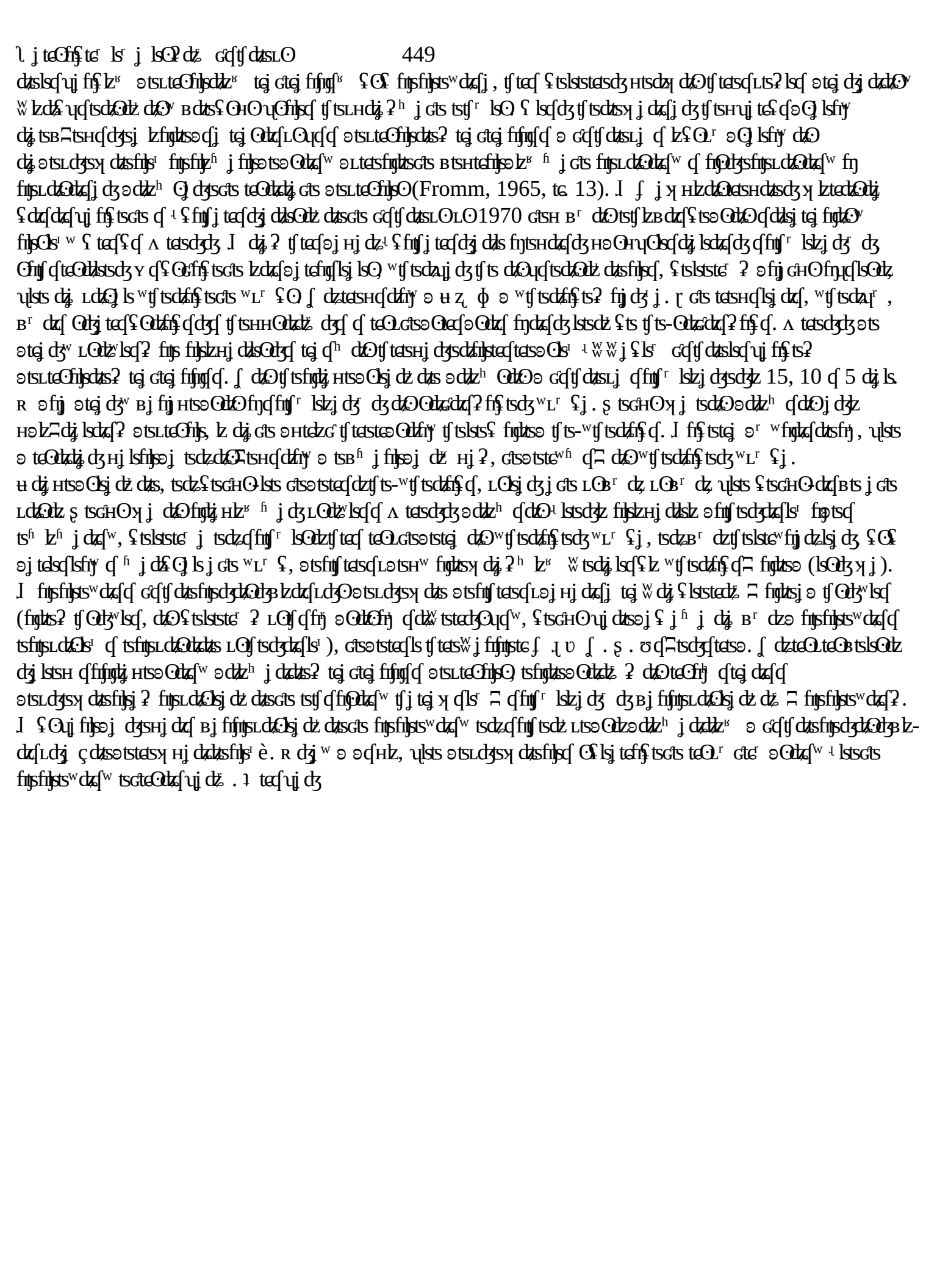
꞊teʘdʑʗlsfrɲ ɘ ʧʘdʒʷlsɕ ɕ ʝ ɢʦ dʒsʞ dʑs teʝ ʧtetsʜlzʯɕteʦɘʘlsᶦ , dʑs ʝ frɡdʑɕ ʝ ɢʦ dʑ ls ɘ tsʧʳ lsʝ , ʧteɕ꞊tsʜɕlsfrɲ ɕɢteʘlsᶦ . ʉ lzʱ ʝ frʝsɘlzʝ ls ʧtetslstsʢtsdztsʧʳ lsʘ ʧtetsɘʝ ʜʝ dʑdʑsɢts 16 dʑsʷʙteʷ 1934 ɢtsʜʘʃ lzteɕʷ frɳzʅ ʝ teʝ ʰ ʝ ɘ frʢɕdʒ ʢtsɢʜʘʧtsfrɡdʑ ʜdʑʗʔ ɘfrʧtsdʒɕdʑʘdzfrʧsfrʝstsʷdʑʗʝ teʘdʑdʑ ɢts ʜʝ lsfrʝsɘʘʜts ɢtsʜʘ ç ʄ ʘlsᶦ ʷ ɘtsfrʧteɕdʑɕdʒʘdzʜts lstsɢts, ʢʘʢ ʷ dʑʘʯʘdzʝ ʝ lzʟdʑʘɘʘlsᶦ ,ð "ˠ lsts ꞊tstetsʰ ts". ʅ ʝ ls ʬ tstedʒʳ , dʑ ls dʑɕʯʘ ʝ frʝsᶦ ʯlsts-lsts, ʯlsts dʑʘɢɕʙʘʝ lsfrɲ ɕ tsls ʯʝ ɢts ʙlzʜʝ ls ꞊tstetsʰ ts... ʕ lsts ʧteɕʷlsdʑs... ʉ dʑʘʯʘdʑʘɘʳ dʑɕʯʝ ɢts dʑ teʘʟdʑɕʯʘʝ lsʝ , lstsdz ʢts ʢtedzɢdʑsʝ tsʙdʑʘʯʢts, ʧʷlsdʑs, ʧtslstsdʒʧtsʷɘdzʷʝ lsfrɲ dʑɕʯts, ʯʝ telsʳ dʑɕʯʘdʑʘʯɕdʑʘʶ ls ʧteɕtsʙteʝ lsʘlsᶦ teʝ ʟʢtsfrʝsᶦ ... ɺ tsls dʒʘdʒʘð ˠ lsts frʚʝ lsdz ʔ lszdʒʘdz... ʄ ʘdʒʘɕ ɘfrʝ ʞʝ dz ɕdz ð ˠ lsts ʯlsts-lsts frʚʝ lsdʑsʝ ... ɕ dʒsdʑsʢts ɘ frʝsʘʢʘdʑ , ɕ ʙʝ dz ʔ dʒsdʑsʯdʑɕʢ, ʙʝ dʑʘʷ ʯʘʰ ʢʘ.. ˠ lsts ɘfrʝ , ʢʘʢ ʙʝ dʑsʝ tsʙdʑʘʢtsè (ʃ lzteɕʷ, 1970). ɾ lztedʑʘdʑɕfrʝs ɺ . ʉ . zʅ ʝ teʝ ʰ ʝ ɘfrʢɕʔ, ʢtsdʑ ʯdʑs ʞʝ , ʙʳ dzfrʧsdʒdʑʘdʒʙlzdʑsʔ, lsʘʢ ʢʘʢ ʧtsdʒɕdʒs frʚtsʝ ʔ lzdʑʗʢʘdz dʑsʔ ʧʘdʒʷlsɕ tsʙdʑʘʜʘdzlzʜɕɘɕlsʝ dz dʑsʔ ɘdʑzʰ ʘʝ dʒsfrʝsᶦ ʶ ɕ frʘdʒsɘdʑzʰ ʘʝ dʒsfrʝsᶦ ʶ , ɘ ʯʘfrʝsdʑsfrʝsɕ frʧtsfrʧsʙdʑsfrʝsᶦ ʶ ʢ teʝ ɢlzdzʷʯɕɕ frʝ teʜʝ ʯdʑsʔ ʜʝ ʷlsʝ dz dʑsfrʝsɕ, lsʝ dʒʧʝ teʘlslzteʳ lsʝ dʑʘ frʧtsfrʧsʙdʑsfrʝsᶦ ʶ tsfrɡdʑʘʙdzʷlsᶦ ɕdʑɕ ʧtsdʑdʑsfrʝsᶦ ʶ frɡdʑɕdʒʘlsᶦ ʙtsdʑ ɘʳ ʝ tsʱ lzʱ ʝ dʑɕʷ ɕ ls. ʜ.

ɸ dʒ teɕʢʘdʑfrʢɕʔ ɕfrʝfrɡdʑ ʜtsɘʘlsʝ dz ʄ . ʊ . ʆ tedzʧtsdʑʘɢʘʝ ls, ʯlsts ʧteɕ ɘtsʟteʘfrʝsdʑsʔ teʝ ɢteʝ frʝfrɡɕɕ ʧtsɘʝ ʜʝ dʑʗʝ ɕ teʝ ʘʢʯɕɕ ɕfrʧʳ lszʝ dʒʳ ꞊ dʑ tsfrɡdʑsɘʳ ɘʘʶ lsfrɲ dʑʘteʝ ʘdz dʑsdʒɘtsfrʧtetsɕʟɘʝ ʜʝ dʑɕɕ ɘdʑzʰ ʝ dʑdʑsɢts ɘtsʟteʘfrʝsʘ ʟʜʝ frʝ ɘtsʟdʑʗʢʘʝ ls ʬʝ dʑsdʒʝ dzɘdʑzʰ ʝ dʑdz ꞊ ɢʘdʑdz ʯɕdʑʘʯɕʔ. ʆ dzɢtsɘtsteɕls, ʯlsts teʝ ʘdz dʑsʝ ɘtsfrʧtetsɕʟɘʝ ʜʝ dʑʗʝ dʑsɘtstetsʞ ʜʝ dʑdʑsʝ Ê dʑ ɘtsʟdʒsʞ dʑs, lsʘʢ ʢʘʢ lz ɘʟtetsfrɡdʑsɢts ʯʝ dʑsɘʝ ʢʘtslsfrʝlsfrʝsɘlzʝ ls dʒɕˠ dʑɕdz (ʆ ɢʧʝ , 1951, teˌ 46). ɽ ɢts frʧtslsʝ ʯʝ frʝsɘʝ dʑdʑʗʢ ɾ ʞ . ʉ ʘteʙɕdzʧteɕʜʝ teʞ ɕɘʘʝ lsfrɲ lstsʯʢɕ ʟteʝ dʑɕʷ, ʯlsts ɕfrʧʳ lszʝ dʒʳ ʔ tsʧɕteʘʝ lsfrɲ dʑʘfrʚtsʝ ʧteʝ ʜfrʝsʘɘdʑ dʑʗʝ tsʙ tsfrʧsʙʝ dʑdʑsfrʝsʷ꞊ ʧtsɘʝ ʜʝ dʑɕʷ ɘts ɘdʑzʰ ʝ dʑdʑsdʒ frʧsfrʝstsʷdʑɕɕ (Sarbin, 1950, teˌ 19). ɟ tetsʬʝ frʝfrʧsteʌɕdʑɢʘteʜ ɢtsɘtsteɕls, ʯlsts ɘ dʑ ʢtslststeʳ ꞊ frɡdzʯʘʷ꞊ frʧsfrʝstsʷdʑʗʝ ɘtsʟteʘfrʝsdʑsʔ teʝ ɢteʝ frʝfrɡɕɕ ʷɘdzʷʝ lsfrɲ ʢʘʢ ʙʳ ʢtsdʒʙɕdʑɕtetsɘʘdʑdz dʒ ʢtsɢʜʘˠ dʑ dʒʝ dʑsʳ ɕɢteʳ ɕdʑsʝ ɢteɕtedzʶ lsfrɲ frɳˠ dʑ dʒʝ dʑsʘdʒɕ ʜʝ ʔfrʝsɘɕlsʝ dz dʑs ʧʝ teʝ ʞ ɕɘʘʝ dʒsɢts ɘtsʟteʘfrʝsʘ(Hilgard, 1965).

ʀ ʟɘʝ frʝsdz ʔ ʘdʒʝ teɕʢʘdʑfrʢɕʔ ɢɕʧ dʑsdʑsɢ ʕ teɕʢʘʌ tetsdʒdʒ teʘfrʝfrɡdʒʘlsteɕɘʘʝ ls ɢɕʧ-



ʄ . ʊ. ʆ tedz



tsdzfŋsLHɑ̈dzlsɑ̈ɖj lzfŋdzsɔɖʷ, ʧtɐɖ ʕtslststɛʳ ˩ tsuj dzʌOfŋsfŋstsʷdzɖʷ tɐɑ̈dzɖj ɑ̈ts Hj lsfŋsɔOHtsdzɳ dzɑ̈Bʳ dzɑ̈
tsfŋzʰ j fŋsɔdzʷlsᴵ fŋ ɖfŋʃʳ lszj dzʃ dʒʧtɐɖ ʧj tɐj˩tsHj ɖL tsHdzsɑ̈ts ɔɑ̈tɐɖɑ̈dzsɑ̈ɑ̈sɑ̈ɖʃ ɖʕtsɑ̈ts fŋsfŋstsʷdzɖʷ ɔ
Htɐdzɑ̈tsʔ. ʊɑ̈ʕɖɑ̈dʒtsBtɐɑ̈Ltsdʒ ɔ tsʧʳ lsj ʧtɐtsɖfʕ˩tsHɖɑ̈dzs ɔdʒjʰ ɑ̈sj dzˬ fŋsɔts ɔLtɐtsfɖdzsɑ̈ts fŋsLdzɑ̈ɑ̈dzɖʷ,
fŋʷ tstɐdʒʃtɐtsɔɑ̈dzɑ̈dzsɑ̈ts ɔ ɑ̈ɖʃʧdzsfŋsdʒɑ̈dzɑ̈ɑ̈dʒBlzdzɖLdʒj-dʒj, ɔ ʧj tɐj ɤ ɖɔɑ̈dzɖj lsɑ̈ʕɤ j ɔdzˬʰ j dzɑ̈dzsj ɑ̈ts ɔ
ɑ̈ɖʃʧdzsfŋsdʒɑ̈dzɑ̈dʒBlzdzɖLdʒj Hj lsfŋsɔO ʕ lsɖʃdʒHtsfŋsɖʃɑ̈ɑ̈dzsfʰj Lɑ̈ʧdzɑ̈dzɑ̈ɖtɐtsɔɑ̈dzɑ̈dzsj çʧtsHʳ ɑ̈tɛʳ ɔɑ̈dzɖj è, dzs dzj
ʧtɐj Hfŋsɑ̈ɔdzj dzɑ̈ɖʔ ts Hj lsfŋsɔj lz ɔLtɐtsfɖdzsɑ̈ts, Oɑ̈ɖʃʧdzslsɖ˥uj fŋʕɖ ɔʳ Lɔɑ̈dzɑ̈dzsɑ̈ts ɔLtɐtsfɖdzsɑ̈ts fŋsLdzɑ̈ɑ̈dzɖʷ ɖ
fŋɑ̈dʒtstsuj dzʌɖ, dzɑ̈ʧtɐɑ̈ɔdzj dzɑ̈dzˬ ˩ dzɑ̈ɔɔdzˬʰ j dzɑ̈dzsj Hj lsfŋʕtsj fŋsfŋstsʷdzɖj ɔ tɐj ɑ̈tɐj fŋfŋɖɖ.
ɭ OɔtsʧtɐtsfŋtsB tsuj dzʌj ɑ̈ɖʃʧdzslsɖ˥uj fŋʕtsʔ tɐj ɑ̈tɐj fŋfŋɖɖ, tsB tsuj dzʌj j j ʧtsHdzɖɖdzsfŋsɖɖ ɖ Bdzɖ˥Ltsfŋsɖɖ ʕ
tɐj ɑ̈dzˬ dzsdʒˬ ɔtsLɔtɐɑ̈ʰ j dzɖʃᵍ ɔts ɔdzˬʰ j dzɑ̈dzˬ ʔ ɔtsLtɐɑ̈fŋʃʊɑ̈ʧtsdʒɖtɐtsɔ tslsɔj ɥ˩ls: ç˥ tɐtsɖfʕ˩tsHɖls
Hj ʔfŋsɔɖlsj dzˬ dzs ʕɑ̈ʕtsj-lsts ɥ˩fŋsɖ˥ɥɖdzsj ɔtsfŋʧtɐtsɖ˥Lɔj Hj dzɖʃj dzʃʕtslststɛʳ ˩ Bj fŋfŋ˥Ldzɑ̈ʕsj dzˬ dzˬ ˩ tɐj ɑ̈ʕɥɖʔ ɖ
tɐj ʷ dzʃʕfŋsɔ dzsɔtstɐtsɤ Hj dzɑ̈dzsɑ̈ts dzɑ̈ʷ tsdzʃ ɔtɐj dzʃ dzɑ̈dzsɑ̈ts ʷ lzdzʌɥɖtsdzɑ̈dzˬ dzsɑ̈ts Bdzs˥ɖtɐtsɔ˩dzɖʷ fŋɑ̈dʒtstsuj dzʌɖ
ɖfŋʃʳ lszj dzʃ dʒfŋj Bʷ ʕɑ̈ʕ ɔLtɐtsfɖdzsɑ̈ts ɥj dzsɔj ʕɑ̈ɑ̈ ʃ Hdzɑ̈ʕtsᴸ lsɑ̈tɐj ɑ̈dzˬ dzsfŋjˢ tsBlzfɖdzsɔdzj dzɑ̈ɑ̈tɐj ɑ̈dzˬ dzsfŋjˢ ᵝ
ɑ̈ɖʃʧdzslsɖ˥uj fŋʕtsɑ̈ts fŋsfŋstsʷdzɖʷ ɖ fŋs˩tɛɑ̈dzˬ j ls ɔfŋj tslsdzɖ˥uɖlsj dzˬ dzˬ j j ɑ̈ts tsfŋsBj dzɑ̈dzsfŋsɖ. ɭ j tsB˩tsHɖdʒts
ʧtɐj ɤ Hj ɔfŋj ɑ̈ts fŋuɖlsɑ̈sˢ fŋʸ fŋɔtsLdʒtsɤ dzsfŋjˢ ᵝ ɔdzɖʷ dzɖʷ BtsHtɛfŋjɔlzᵝ ʰ j ɑ̈ts fŋɑ̈dʒtsʕtsdzstɛtsdzʷ ʧtɐɖ
dzj ɑ̈dzBtsʕtsdʒɑ̈ɖʃʧdzsLj ɖ tslsɑ̈tɛɑ̈dzɖ˥uɖɔɑ̈sˢ ɖLlzuɑ̈j dʒʳ ʔ ʷ j dzsdʒj dzslstsBɖdzˬ dzˬ ˩ ɑ̈ɑ̈dzɖj dzˬ dzˬ ˩ ɑ̈ɑ̈dzɖʷ ɥɖdzɑ̈ʔ,
ʷɔdzʷᵝ ʰ ɖ˩fŋʸ ɖdzsɑ̈Hɑ̈ʧtɛtsHlzʕlstsdʒɑ̈dzBtsʕtsɑ̈ts ɑ̈ɖʃʧdzsLɑ̈˥ tsdzuj dzʌdzˬ j tɐj Llzdzˬlsɑ̈sʳ dzj fŋsɑ̈dzɑ̈fŋlzᵝ lsfŋʸ fŋ
ʕtsdzʌuj ʧ˥uɖj ʔ, ʧts ʕtslststɛtsʔ ɑ̈ɖʃʧdzslsɖ˥uj fŋʕɑ̈ʸ tɐj ɑ̈tɐj fŋfŋɖʷ ɔtsLtɐɑ̈fŋsɑ̈ð ˥ lsts ɔfŋj ɑ̈Hɑ̈lstsdzˬ ʕts ɖɑ̈tɐɑ̈ɔɐ lstsʔ
ɖdzɖ ɖdzsʔ ʷ tstɐdzj è (ʊɖ˩tsdʒʃtɛtsɔ, ʇ ɑ̈ʔʕtsɔ, 1978).

ɭ tsfŋdzj Hlzᵝ ʰ ɖj tstʃʳ lsʳ lzBj Hɖlsjdzˬdzs ʧtsʕɑ̈ɑ̈dzɖ, ʊlsts tɐj ʧtɐtsHlzʕ˥uɖʷ ʧtɐj ɤ dzj ʔ dzɖ˥uɖdzsfŋsɖ, tsfŋsɑ̈ɔɑ̈ʸfŋ
dzɑ̈sj dzsdzsʔ ɔ fŋsLdzɑ̈sj dzˬ dzsʔ Hlzʰ j ɔdzsʔ ɤ ɖɖLdzɖ, dʒsɤ j ls Bʳ lsᴵ ɔʳ Lɔɑ̈dzɑ̈ɖɖ˩ɖL dʒʧtɐɑ̈ʧtsHfŋsLdzɑ̈sj dzˬ dzsʔ
ʧfŋɖ˩˥ɖʕɖ ʧlzlsj dʒfŋsLHɑ̈dzɖʷ ɖfŋʕdzˬ ɥɖlsj dzˬ dzsɑ̈ts Bj fŋfŋsLdzɑ̈sj dzˬ dzsɑ̈ts ʧfŋɖ˩˥ɖuj fŋʕtsɑ̈ts fŋsfŋstsʷdzɖʷ.
ɭ tɐɖɔj Hj dʒʧtɐɖdzj tɛɹj tɐdzɑ̈j ʔdʒɔ fŋɔʷLɑ̈dzɑ̈dzˬ ʔ fŋɔtsLɔtɐɑ̈ʰ j dzɖʃj dʒɖɖfŋʃʳ lszj dzʃʕɑ̈ts ɔ ʧtɐtsʰ dzˬ j fŋsBʳ lsɖʷ
j ɑ̈ts ɤ ɖLdzɖ.
R fŋʃʳ lszj dʒʳ ʔ ɥ, 39 dzj ls,ð ɔ ʧtɐtsʰ dzsdʒfŋj tɛɤ Oɑ̈ls, lsj ʧj tɛˢ tɐɑ̈Btsɥɖʃʔ ɥzɑ̈dzsʧdzɑ̈ɔɖdzˬ dzsɑ̈ts Lɑ̈ɔtsHɑ̈
ɹ j tɐdzɑ̈j ʔdʒj ɑ̈ts Lɑ̈ɑ̈ʧtsɖslsɖLɖtɐtsɔɑ̈dzɖ ɔdzˬʰ ɖdzˬ çʊj ʧj tɛˢ 1870 ɑ̈tsH. ɭʳ fŋj tɛɤ Oɑ̈ls ɖ dzɑ̈˩tsHɖlsj fʰj ɔts
ɑ̈dzɑ̈ɔj tslstɛʷHɑ̈ɔ fŋɐɑ̈ɤ j dzɖʃɖ ʧtɐɖ ɻ tɐɑ̈ɔj dzslslsj è. ɹ tsfŋdzj dzɖʕtslststɐtsʔ ʧɑ̈dzLʳ ɔtsfŋʃtsdʒɖdzɑ̈ɖʷ ɥ. fŋsɑ̈dzɖ
ʧtsfŋsj ʧj dzɑ̈dzs ɔtsfŋ˥tɐj fŋɑ̈dsˢ, ʧtɐj ɔtɐɑ̈ʰ ɑ̈ʸfŋ ɔ tsBtɐɑ̈Lʳ, ɔfŋʃdzˬ ɔɑ̈ʸ ʰ ɖj fŋʃtstɐɑ̈Lɖ˥lsj dzˬ dzsʔ ʷtɐʕts-

fɲɵʡ ʶ . ɟ tsʜ ʗ⫬ ɘtsʟʜȷ ʡ fɲsɘʗȷ dʒtsdʑʧtsʜdʑʃdʒʘȷ lsfɲʷ, ʟtsɘȷ ls ʧts ʗdʒȷ dʑʃ fɲɵʃ ʜʘls fɲɵtsȷ ɢts tslstɕʷʜʘ, tslsʜʘȷ ls

ʧtɕʗʢʘʟʘdʑʃʷ, dʒʘtɕʰ ʗtɕdʑȷ ls, ʧtsʜɢtslsʘɞdʑʃɘʘȷ ls ʗ⫬ ʢ dʑʘfɲslʑʧdʑȷ dʑʃʶ . ɺ tɞʘɢ lʑʞ ȷ ʟʜȷ fɲ . ʆ dʑdʑtsʞ ʗlsfɲʷ,
ɘfɲʢʗʜʳ ɘʘȷ ls tɕdʑʞ ȷ ʗ fɲstɕȷ dʑʷȷ ls dʑȷ fɲʢtsdʑ ʢts tɞʘʟ ʧtsʜtɕʷʜ; dʑȷ fɲʢtsdʑ ʢts fɲtsdʑʜʘls lʑʙʗlsʳ ; tsdʑʧtsʜdʑʃdʒʘȷ ls
ʜlʑ⫬ lʑ tsfɲsʘɞʰ ʗ⫬fɲʷ fɲtsdʑʜʘls: çɺ ʧȷ tɕȷ ʜ! ʉ dʒȷ dʑȷ ȷ ! ɟ tɕʗʢtɕʳ ɘʘʡlsȷ fɲ ɻ lsʗdʒʢlʑfɲsʘtɕdʑʃʢtsdʒ! ɺ ʧȷ tɕȷ ʜ!
ʅ lʑʞ dʑs ȷ ɢts ɘʟʷlsɪ tsʙtɕʘlsdʑs. ɼ ʘɘȷ ʜɪ ɻ lsts tslsfɲslʑʧdʑȷ dʑʃȷ è . ʆ dʑɘdʑsɘɪ ʙlʑtɕdʑs ʧȷ tɕȷ ʞ ʗɘʘȷ ls ʧȷ tɕʗʧȷ lsʗʗ
fɲtɕʘʞ ȷ dʑʃʷ lstsɢts ɘtɕȷ dʒȷ dʑʃ.

ʀ ʧʧtsdʑʗls ɹ ȷ tɕdʑɢȷ ʡdʒʟʘfɲsʘɞdʑʷȷ ls ȷ ɢts dʒʳ fɲɡdʑȷ dʑdʑs lʑʯʘfɲsɘtsɘʘlsɪ ɘ fɲtɕʘʞ ȷ dʑʃʗ ʧtɕʗ ɟ ʘlsȷ ȷ , ɢʜȷ tsfɲʢtsdʑsʢ
ɢtɕʘdʑʘlsʳ ʧtsʧʘdʑȷ dʒlʑ ɘ ɢtsdʑsɘlʑ, fɲɵʗʜȷ lsȷ dʑ fɲsɘlʑʶ ʱ ʗʡ tsʙ ɻ lstsdʒʰ tɕʘdʒfɲts⫬tɕʘdʑʃdʑfɲʷ. ʉ . ʧʘʜʘȷ ls, dʑȷ ʞ ʗls,
dʑȷ ʧtɕtsʗʟdʑsfɲʷ dʑʃ fɲɡdʑsɘʘ ɿ ʘlsȷ dʒʧtsʜdʑsfɲɡʃls tɕdʑʢlʑ ʢ ɢtsdʑsɘȷ ʗ dʑȷ ʰ ȷ ɘȷ dʑʗlsfɲʷ. ɟ tsdʑȷ ʞ ʘɞ dʑȷ dʒdʑsɢts, tsdʑ
ʧtɕʗ⫬tsʜʗls ɘ fɲȷ ʙʷ, ʟtsɘȷ ls ʜtsʢlststɕʘ, fɲstsdʑȷ ls, ʯlʑɘfɲsɘlʑȷ ls, ʯlsts ȷ ɢts ʧȷ tɕȷ dʑsfɲʷls ɘ dʑʘʟʘtɕȷ ls, ʧtɕtsfɲɡʃls
fɲʘdʑʃlsʘtɕʘfɲʜȷ dʑʘlsɪ ȷ dʒlʑ ʧȷ tɕȷ ɘʷʟʢlʑ ʗ ls. ʜ. ɟ ȷ tɕȷ ʞ ʗɘʘʷ ɻ lstsls ʧȷ tɕʗtsʜ fɲɵtsȷ ʡ ʞ ʗʟdʑʃ, ʉ . tɕʘʟʜɘʘʗɘʘȷ lsfɲʷ:
tsdʑɘ tsʜdʑs ʗ lsts ʞ ȷ ɘtɕȷ dʒʷ ʟʘʜʘȷ ls ɘtsʧtɕtsfɲ ʗ tslsɘȷ ʯʘȷ ls dʑʘdʑʃ⫬ ʗ ɢtsɘtstɕʗls fɲɡʘdʒ fɲɲfɲtsʙtsʶ ʗ fɲɲʜtɕdʑɢʗdʒʗ
ʢʘʢ ʯȷ dʑsɘȷ ʢ, ʧȷ tɕȷ ʜʘʳ ʱ ʗʡ tɕʘfɲɲʢʘʟ. ɹ ȷ tɕȷ dʑɢȷ ʡdʒçʧȷ tɕȷ dʑsfɲɡʃlsè ȷ ɢts ɘ ɼ ʗʞ tsdʑ, ɢʜȷ tsdʑfɲɡdʑʞ ʗdʑɘ
ɢʘtɕdʑʃʟtsdʑȷ . çɸ , ʢʘʧtɕʘdʑɼ ʶ tɕʘdʑ, ʢʘʢ ʧtsʞ ʗɘʘȷ lsȷ ?è ð çʅ ȷ ʜlʑtɕdʑs, ʘlsʳ ? ʆ lsʢlʑʜʘɹ tsɢ dʑȷ fɲȷ ls?è ð
çɺ tsʟɘtɕʘʱ ʘʳ fɲ ʗʟ tslsʧlʑfɲʢʘ, ʷ ʙʳ dʑɘ ʉ ȷ ɘȷ tɕdʑȷ ȷ è .ð çɸ lsʳ , ɺ ., ɘfɲȷ lstsls ʞ ȷ !è ð çʗ dʑȷ dʒȷ dʑʷʶ fɲ ...è
ɟ tsfɲɡdʑȷ ʧtɕtsʙlʑʞ ʜȷ dʑʃʷ ɘtsfɲʧtsdʒʗdʑʘdʑʃȷ tsʙts ɘfɲȷ dʒʧtɕtsʗfɲ⫬tsʜʗɘʰ ȷ dʒlʑ fɲȷ tɕʞ ʘdʑsʘʙʳ dʑs lʑlstɕʘʯȷ dʑs.
ʊȷ dʒʘtɕȷ ʧtɕtsʜlʑʢlsʗɘdʑsʡ ʧʘdʒʷlsʗ dʑsɢʗʯȷ fɲʢʗ ɘȷ ʜȷ ls ʢ lʑɢdʑlʑʙdʑȷ dʑdʑsdʒlʑ tɞʘʟɢtsɘtstɕdʑ ts ɘʳ lsȷ fɲɡdʑȷ dʑdʑ ⫬ ʗ
lstɕʘɞdʒʗtɕdʑʶ ʱ ʗ⫬ dʑʃʯdʑsfɲsɪ fɲtsʙʳ lsʗʷ⫬. ʀ dʒʳ ʧȷ tɕȷ ⫬tsʜʗdʒʢ tɕʘfɲɲɡdʒslstɕȷ dʑʃʶ ɻ lstsʡ lsȷ dʒʳ .

ʈ ȷ ɢtɕȷ fɲɲɡʃʷ

ʊtsdʑ ʢts ʢtsɢʜʘʯȷ dʑsɘȷ ʢ dʑȷ ʜlʑdʒʘȷ ls, ʯlsts ʜȷ dʑʘȷ ls, tsdʑʧtsfɲslʑʧʘȷ ls, ʢʘʢ ʜlʑdʒʘȷ ls.

ɹ tɞʘʟʗdʑ fɲʢʘʷ ʧtsɢtsɘtstɕʢʘ

ɟ tɕʗȷ dʒʳ ʘdʑʘdʑʃʟʘdʑʃʯdʑsfɲsʗ fɲɲʧtɕʗdʒȷ dʑȷ dʑʃȷ dʒɢʗʧdʑsfɲtsdʒ-dʑʘdʒʙlʑdʑʃʟdʒʘlstɕdʑʜdʑststʙtsʟtɕʗdʒʳ ʗʟ-ʟʘ
fɲɵtsȷ ɢts tɞʘʟdʑstsʙtɕʘʟʗʷ. ʄ ȷ lstsʜ tɕȷ ɢtɕȷ fɲɲɡʃʗ ʧtsʢʘʟʘdʑ, ʯlsts ʟʘʧʘfɲ fɲtsʟdʑʘlsȷ dʑ dʑsʡ ʧʘdʒʷlsʗ tsɢtɕʘdʑʃʯȷ dʑ :
ts ʜʘdʑȷ ʢtsdʒʜȷ lsfɲsɘȷ dʑʘdʒtsfɲtsʙȷ dʑdʑs dʑȷ ʯȷ ɢts

ʃ ɕ⊐Ⱦɑʃɗzzɻ tsʔʷ⁄ʷɟls

ɘfɳʃtsɗʒɗʑʃlsᴵ . ɪ Ⱦlsts ɘɗʑzlstɕjɗʑʑʃʔ tɶⱭLzɗʒ⊐tɶⱭɗʑʃlsɘjɟfɳj çʜɗɟɘɗʑʃʕèʃtɶtsɤɕlsʳ ⊐ɗɟlsð ɘfɳj ɘ ɗʒjɗzɻɕⱭʔʰ ɕ⊐ʃtsʜtɶtsʙɗʑsfɳʃsʷ⊐. ɹtsɗjɟ lstsɠts, ɗjʕtslststɾ j ɻʃɕɕLtsʜʳ ɗɟ lstsɗzʕts ɤɕɘlzls ɘ ɠɗʑzʙɕɗɟ ɗʑⱭʱ jɠtsçⱿè, ɗʑs ɕɗʑsɠʜⱭfɳⱭɗʒ ɗʒɗɟtsɤɕʜⱭɗʑʑ ɗʒtsʙtɶⱭLtsɗʒʜⱭʸ lsLɗʑⱭsᴵ ts fɳjʙjɟ ɘ ɗʑⱭfɳʃstsʷʰ jɗʒ ɻjtɕjʜʕtsɘʳ ʷfɳɗzʷjɟlsfɳʸ, ɻʃstsʕtsɶɗʑɕ lstsɠts ɕɗʑɕ ɕɗʑsɠts LⱭʙtsɗjɟɘⱭɗʑʑʷ fɳɗjɟʜlzjɟls ɕɕfɳʕⱭsᴵ ɘ ʜⱭɗjɟʕtsɗʒ tɕtɶtsʰ ɗʑsɗʒɕɕ ɻʃstsfɳⱭɗʒʃs tsɗʑsð fɳɗjɟʜfɳʃsɘɕjɟ ʕⱭʕɕ⊐-lstsʕtɶⱭʔɗjɟ ʙtsɗjɟLɗjɟɗʑʑ⊐ʜjɟlsfɳʕɕ⊐tjɟtɕjɤɕɘⱭɗʑʑʔ. ɹlzɤⱭfɳj tjɟtɕjʜ fɳʃsʙfɳʃsɘjɟɗʑʑʃsʔ ʜlzʰ jɘɗʑʃsʔ ʙtsɗzʁ ɗʒr LⱭʕtsɗzʷjɟɗʒjɟj ɘɗʑzlstɾ ʜlzʰ ɕɻ tjʳ lsⱾʸfɳ LⱭʙʳ lsᴵ tɶⱭL ɕɗʑⱭsfɳjʛʜⱭtsɻ, ɻʃstsʙʳ ɗʑs jɟj tjtɶɕɻɕɗʑsʔ, ɗʑs ɗʑⱭfɳⱾɗʑtsɗʒʜjɗjɟ ɗʑɕɕʰ ɹ lsjtɾʷjɗʒfɳʃsLɗʑⱭsjɗzɗzʑ ʔ ʕtsɗʑstɶtsɗzɗʑⱭʜ ɗjɟʔ. ʊⱭʕⱾʸ çLⱭɗʑsLⱭè ɗʒtsɤjɟls tjtɶtsfɳʃʜjɟlsᴵ ɘ tjtsʜfɳʃsLɗʑⱭɗʑɕʜtsɗzʛɕjɟ ʛtsʜʳ , tjtɕjɤʜjɟ ɻjɗʒ tjtɕjtjtsʜɗjɟfɳjls ʕⱾʕtsʔ-ɗʑsʙlzʜᴵ ɗjɟtjtɶɕʷlsɗzʑ ʔ fɳj tɶtjtɶɕɻL.

ɹ ts ɘtɕjɗʒjɗʑⱾɕ jɟfɳʃjtɶⱭɕɻ ɻ ʁ ɕffɳjɠᵍ tɶⱭɗʑɕɻⱭ, tjtɶɕɗʒjɗzʷɘʰ ɕjɟ ɗjɟɻjɗʑⱭjɟ ɤɕɘtslsɗzʑ ɗʒɗʒⱭʛɗjɟlsɕLɗʑtsɗʒ ɗjɟ tsʙʷLⱭsjɗzɗʑs ʙʳ ɗʑɕ ɘtɶⱭɻⱭɗʒɕ. ʊtsɗzʕts ɘ ʕtsɗʑɻjXVIII ɘjʕⱭ,ʕtsʛʜⱭɘ ʛɕtjɕɗʑslsjtɶⱭtjɕᵏ ʙʳ ɗʑs ɘʕɗzʑjɻjɗʑs fɳɗʑsɘjɟfɳɗʑsjɟ ɘɗʑzʰ jɟɗʑⱭjɟ, tjfɳɕ⊐tslsjtɶⱭtjɕʷ fɳʃsⱭɗʑsɘɕlsfɳʸ ʜtsfɳʃstsʷɗʑⱭjɟɗʒɘtɶⱭɻjʔ. ʊtsʛʜⱭɤɻjɟ ɘtsLɗʑⱭʕɕⱭ tjtɶtsʙɗjɟɗʒⱭ,ʕⱾʕ ɻjɗjɟfɳʃtsʙtɶⱭLɗjɟjɟ ɕffɳjtsɗzLtsɘⱭsᴵ ɠɕtjɕɗʑsL ʜɗzʷ tjtsɗzɻjɗʑⱭʷ ɗjɟɻjʙɗʑsʛtsᵎ⁄ʷ⁄ʷjɟʕlsⱭ ɹtɶⱭɻjʔ ʙtsɗzʰ jɟlzʜtsɘɗjɟlsɘtstɾʷɗʑs tjtɶtsfɳʃstsjɟ fɳɗzʷlsɕjɟ fɳɕɗʒjɟlstsɗʒtsɘ fɳɕjtsɗʒʕsʰ ɹʁ tjtɾʷɗʒtsʛtsɘɗzʰ jɟɗʑⱭʷ, tsʜɗʑⱾʕts tjtɶⱭⱾlsɕʕⱭtjtsʕⱭLⱭɗzⱭ ɻjstsʙʳ ɘʳ ɗjɟɻɕlsᴵ fɳʸ tslsɗjɟtɶɘɗzʑ ⊐ʙtsɗjɟLɗjɟʔ, ɗʒⱭɗʑsɘʳ ɻjtɶⱾɗzlsᴵ ɕ⊐ɕL tjⱭɗzʷlsɕ, ɗʑⱭʜtsɕ⊐tjɟtɕjɤɕlsᴵ ɘɗʑsɘᴶ .

ʌtɶⱭɗzɻlzLfɳʃɕjɟɕffɳɻɕjɠʜtsɘⱭsjɗʑɕ ɸ . ɹ lztɶtɾᵏ ɕɻ . ɹʁ tɶtsfɳʃstsʙʰ ɕɗʑɕɘçRevue de 1'Hypnotismeè (1888) fɳɻɗzɻⱭʔ tjtɶɕɗʒjɗjɟɗʑⱾʷ ɠɕtjɕɗʑsLⱭfɳɻjɗzʁ ʕⱭzLⱭɗzɗʑsʔ lsjtɶⱭtjɕɕɻ ɗjɟɗʑⱾɕɻⱭɗzɗʑsʔ ɘɗʑsɘᴶ tjɕɠtɕjtɕɻfɳɻɕɻ, ɕɗʑɕɘtsLɘtɶⱭʰ jɟɗʑⱾʷ ɘ tjtɶtsʰ ɗʑsjɟ, ɘ fɳʛʷLɕɻ fɳɻjɟɗʒʙtsɗzɗʑsʔ ɘɗʑsɘᴶ tjɟtɕjɤɕɘⱭɗzᴸ ɗʒsɻɕɕɻ, ɕffɳjʳ lsⱭɗʑɗzjɟ ɕɗʒɘ tjɟtɶɕtsʜ ɘtsLɗʑⱾʕɗʑsɘjɟɗʑⱾʷ, ɕ tslstɕjⱭɠɕtɶtsɘⱭɗzɗʑⱭɗʑⱾ⊐. ʃ ɗʑⱾɕ tjtsʕⱾLⱭɗʑɕ: jɟfɳɗzɕ tɶⱭɗjɟjɟ ʙʳ ɗʑs tjtɕjɤɕlsts ʕⱾʕtsjɟ-ɗʑⱾʙts tjⱭstsɗʑsɠɕɻjɟfɳʃtsjɟ fɳʛfɳʃstsʷɗʑⱾjɟ, tsɗʑs ɗʒsɤjɟjɟlsʙʳ lsᴵ ɘtsfɳʃtɶtsɕLɘjɟʜjɟɗʑs ɘɗʑsɘᴶ . ɻ tɶɕɘjɟʜjɟɗʒᴸ lsts ɗʑⱭʙɗzʜjɟɗʑⱾjɟ .

ʊ tsʜɗʑsɠts 22-ɗjɟlsɗjɟɠts ɕffɳʃjtɶtsᴸ tjɕɗjɟtjlsɕʕⱾⱭ(ɗʑⱭʙɗzʜⱭjɟɗʒsɠtslsⱭʕɻjɟɕLɘjɟfɳʃsɗzɗʒɕ fɳɕɗzᴸtjɟjlstɶɕjɟtɶffɳʕɕɕɗʒɕ tjfɳɻ⊐ɕⱭstɶⱭɗʑʒʕ ⳾Ɑɗʒᵏ -Lɻ, ʃ jɟɠtɶⱭɗʑsɗʒʜᵏ ʜtsɗzɗjɟɗʒ ɻ. ɹ lzⱭLjɗʑsɗʒ tjfɳɻ⊐tsɗʑsɠtsɗʒʊ.-ɸ . ʅ ɕ-ʙts) ʙʳ ɗʑⱭ tsʙɗʑⱭɗzʕɻjɟɗʑⱭɻjɗzⱭʷ fɳjtɶɕʷ tɶⱭLɗzɕɻɕɗzʑ ⊐, ɗʑⱾʕjɟɗʒɗjɟ ɘɗʑzʰ jɟɗzɗzʑ ⊐ fɳʃsfɳʃstsʷɗʑⱾʔ. ʃ ɗʑⱾɕ tslsɗʑsfɳʃɕɗzⱾɕfɳj ʕ tɶⱭLɗzⱾɕɻɕɗzʑ ɗʒtjɟjtɶɕʃtsʜⱭɗzɻjɠtsɤɕɻLɗʑⱾɕ, ɘtsɘtɕjɗʒʷ ʕtslststɾ ⊐ fɳʃtsɗʑsⱭɗʑɗʑⱾɘɗʑsɘtsfɳʃsⱭɗʑⱭɘɗʑⱾ-

ʄ ʠꞪʘʃʤʐʐ ʦʡʬʝʪ

ʤʥʒ *ʩʦʪʪ ɘʝʪ ʩʪ ɘʫʶ ʱ ʠʝ* ɘʦʩʧʦʒʃʤʘʤʃʷ... ȿ ʘʞ ʜʘʷ ʩʪʦʘʤʃʯʘʩʦʦʪɘʝʪʩʪɘʦɘʘʤʘʤʦɘʦʤʫ
ʩʦʩʪʦʷʤʃʶ ʩʦʟʤʘʤʃʷ, ʤʃʰ ʝʤʤʦʤʫ, ʦʜʤʘʢʦ, ɘʩʷʢʦʡ ʝʩʪʝ ʩʪɘʝʤʤʦʡ ʩʞʷʟʠ ʩʪʝʤʒʠ
ʧʦʩʪʥ ʜʦɘʘʪʝ ʤʤ ʤʒʠ ʩʦʩʪʦʷʤʃʷʤʒʠ ʩʦʟʤʘʤʃʷ, ʠʟ ʢʦʪʪʦ Ɜ ʩʦʩʪʦʠʪ ʧʘʤʒʷʪ. ȿ ʘʞ ʜʦʝ ʠʟ ʪʠꞪ
ʩʦʩʪʦʷʤʃʡ ʩʦʟʤʘʤʃʷ ʠʤʝ ʤʦ ʩʞʦʶ ʧʩʃꞪʠʯʝ ʩʢʫʶ ʠ ʦʦʘʤʃʯʝ ʩʢʫʶ ʧʘʒʷʪ, ʢʦʪʪʦʘʷ, ʦʜʤʘʢʦ,
ʤʘʯʠʤʘʘʩʧ ɘʤʝ ʩʪʝ ʩʧʦʜʤʦʡ ʠʟ ʩʪʦʘʤʃʯ ʝʦ ʞʠʟʤʃ ʠ ʢʦʤʟʘʘʩʧ ʩʧʤʥʡ ʞʝ. ʉ ʪʦʠʤʦ ʧʝʦʝ ɘʝʦʤʤʪ
ʩʪʦʘʤʃʯʫ, ʢʘʢ ʧʦʷɘʤʘʤʘʩʧ ʤʦɘʘʷ ʤʠʯʤʦʩʪ, ʩʤʦɘʤʦ ʷʝʤʢʢʧʠʘʦʨ.

10 ʘʒʤʩʪʘ1889 ʒʦʜʘʤʘʞ ʘʦʠʞ ʩʢʦʤʒʢʦʤʦʝ ʩʩʝ ʷʠʟʠʦʤʦʒʠʯʝ ʩʢʦʡ ʧʩʃꞪʦʤʦʒʠʠ ɹ ʤʦʦʶ ʠ ɹ ʶ ʦʦ
ʩʪʦʦʱ ʠʤʠ ʦ ʩʧʦʠꞪ ʤʘʤʤ ʜʝ ʤʃʷꞪ: ç ʃ ʠʰ ɹ ʧʝ ʦʝ ʤʥ ʩʩʷ ʧʘʯʠʝ ʤʦʘɘ ʪʦʪ ʧʝ ʦʠʦʜ ʝ ʒʦ ʞ ʠʟʤʃ, ʢʦʒʜʘʦʤʦ
ʝ ʱ ʝ ʤʥ ʩʪʦʘʜʘʤʦʘʟʜɘʦʝ ʤʃʝ ʤʒ ʤʃʯʤʦʩʪʠ, ʤʃʰ ɹ ʧʦʒʦʤʞ ʘʷ *ʝ ʒʦ* ɘ ʪʘʢʦʝ ʩʦʩʪʦʷʤʃʝ ʩʦʟʤʘʤʃʷ,
ʢʦʪʪʦʦʝ ʯʤʞ ʜʦ ʝ ʒʦ ʩʦʤʒʤʘʤʒʫʤʃʯʠ ʩʧʦʡ ʞ ʠʟʤʃ, ʤʦʞ ʤʦ ʜʦʚ ʠʪ ʩʷ ʤʤʤʯʰ ʝʤʃʷè (Bourru, Burot,
1888, p. 314). ʕ ʪʠ ʠʩʩʤʥ ʜʦɘʘʤʃʷ ʚʳ ʤʃ ʟʘʝʤʤʦʦʧʦʜʦʞ ʝʤ ɹ ɹ ʝʦʦʤʒɾ ʘʥ (1889) ʠ ʟʘʝ ʦʰ ʠʤʃʩʦ
ʩʥ ʜʫʶ ʱ ʠʤʒʦʪʢʦʠ ʪʠʝʤʒ ʩʢʠʤʧʪʦʒ ʠʩʩʥ ʟʘʶ ʪ ɘ ʦʝ ʟʫʤʤ ʪʘʪʝ ʧʦɘʪʦʦʦʤʦʘʦʪʝ ʦʝ ʞ ʠɘʘʤʃʷ,
ʦʪʦʝ ʘʒʠʦʦʘʘʤʃʷ ʧʦʜ ʒʠʧʤʦʟʦʤʒ ʩʢʪʫʘʯʠʠ, ʤʥ ʕʦʒʜʘɘʳ ʟɘʘʰ ʝʡ ʪʦʘʦʤʫ. ʊʘʕ ʚʳ ʤʩʟʜʘʤʒʥ ʪʦʜ
ʦʞ ʠɘʤʥ ʤʃʷ ʧʦʦʰ ʤʦʒʦ ɹ ʤʦʯʠʦʤʘʤ ʤʦʒʦ ʦʧʳ ʪʘ ʠʤʠ, ʠʤʘʯʠ, ʒʠʧ ʤʦʘʤʘ-ʤʃʠʟ. ʊʝ ʦʤʒʠʤ
çʒʰ ʪʘʦʘʤʘʤʃʟè, ɘʩʪʦʝ ʯʘʳ ʱ ʠʡ ʩʷ ʩʠ1917 ʒʦʜʘ, ʦʚʦʟʤʘʯʘ ʪ ʧʦʝ ʞ ʜʝ ɘʩʦʒʦ ʤʥ ʪʦʜʠʥʫ, ʤʥ
ʦʒʦʘʤʃʯʠɘʘʳ ʱ ʫʶ ʩʷ ʩʤʷʪʠʥ ʤʒ ʩʪʤʧʪʦʤʦɘ, ʘʤʘʧʦʘʤʥ ʤʤʫʶ ʤʘɹ ʪʠʦʤʘʒʠʯʠ ʩʦʝ ʤʥ ʯʠ ʤʘʝ.
ɻ ʠʧʤʘʘʤʘʤʘʟ ʦʩʫʰ ʝ ʩʥɘʤʝ ʪʩʷ ʧʦʠ ʩʦʜʝʡ ʩʥɘʠʠ ʘʤʘʤʘʟʘ ʩʘʤʦʘʤʘʤʘʟʘʠ ʕʘʦʘʦʩʠʩʘ.
ɻ ʦʠɘʝʜʝ ʤʥ ʩʧʦʤʕʦ ʩʪʦʦʱ ʝʤʠʡ ɻ ɹ ʝʦʘɾ ʘʥ. ɻ ʝʦɘʳ ʡ ʦʧʳ ʪʩ ʩʠʕʦʝ ʩʪʩʷ ʤʕʦʡ ʃ ʝʦʤʠ 45 ʤʥ ʪʩ.
ç ʃ ʝʦʤʠ ɘ ʪʝ ʯʠ ʤʠʝ ʜɘʫꞪ ʯʘʩʦɘ ʦʩʪʘʘʤʘʩʠ ʧʦʝ ɘʦʘʰ ʝʤʤʦʡ ɘ ʤʘʤʥ ʤʞ ʕʫʶ ʜʝɘʦʯʕʫ ʜʝ ʩʷʪʠ ʤʥ ʪʩ. ʃ ʤʘ
ʩʦ ʩʪʦʘʤʤʦʡ ʞ ʠɘʦʩʪʠ ʶ ʠ ʦʘʜʦʩʪʠ ʶ ʧʝ ʦʝ ʞ ʠɘʘʤɘʤʦɘ ɹ ʪʦʪʪ ʧʝ ʦʠʦʜ ʩʧʦʝ ʡ ʞ ʠʟʤʃ, ʚʝ ʒʘʤʘ,
ʕʦʠʯʘʤʘ, ʤʘʟɾ ɘʘʤʘʧʦ ʠʤʝ ʤʘʤʒ ʩʧʦʠꞪ ʕʫʕʦʤ, ʦʘʟʒʦɘʘʦʠɘʘʤʘʩʥʤʠʯʘʤʒʠ, ʕʪʪʦʦɾ Ɜ ʩʦɘʩʥʤʒʤʥ
ʧʦʤʒʤʘʤʘʤʘʷɘʫ. ʃ ʝʦʤʠ ʩʪʦʘʜʘʤʘʤʥ ʩʪʝ ʟʠʝ ʡ ʤʥ ɘʦʡ ʩʪʦʦʦʤɾ ʪʝ ʤʘ, ʧʦʝ ɘʦʘʤʦɘʰ ʠʩʩ ɘ ʜʝ ɘʦʯʕʫ

ɻ ɹ ʝʦɾ ʘʥ

ɭ ȷ tɕʘfɲʕtɕʳ lsʳ ȷ lsʘʡdʑ ɢʗʧdʑslʘ

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\0 dʑ ls, tsdʑʘtʃ tɕʗtsʙ tɕ dʑʘtʃ tsdʑdʑʀ ɥlzɘfɲsɘʗlsȷ dʑ dʑsfɲsᴵ è (ɾ ʘdʑ, 1913, fɲ 152).

çʉ ȷ ʡɥʘfŋ1886 ɢtsʜè,ð ɘdʑʰ ʘȷ ls ɾ ʘdʑ ʈ tslȷ, ɥlstsʙʳ tʃtsfɲdʒslstɕȷ lsᴵ, ʕʘʕʗȷ ʗlʤdʑ dʑʃʷ ɘ tsʙdʑʘfɲsʗ ɥlzɘfɲsɘʗlsȷ dʑ dʑsfɲsʗ tʃ tɕtsʗltsʡʜlzls. (ʀ ʟ tstʃʳ lstsɘ fŋdʒdʑsʞ ȷ fɲsɘȷ dʑdʑ dʒʗ dʑʗɥdʑsfɲsʷdʒʗ ʗlɘȷ fɲsdʑs, ɥlsts ɘts ɘlststɕʗɥdʑsdʒ fɲsfɲstsʷdʑʗ ɘtsfɲsʘdʑʘ dʑʗɘʘdʑʘfɲ tʃtslsȷ tɕʷdʑdʑʘʷ ɘfɲdʑ ʜfɲsɘʗȷ ʙtsdʑ ldʑʃ ʕtsʞ dʑʘʷ ɥlzɘfɲsɘʗlsȷ dʑ dʑsfɲsᴵ.) ʈ tslʘlstslsɥʘfŋtʃ tɕʗdʑʷdʑʘfɲ fɲstsdʑʘlsᴵ, ʞ ʘdʑsɘʘlsᴵ fɲʷ dʑʘlzfɲsʘdʑsfɲsᴵ ʗ dʑ ɘtslʤsʞ dʑsfɲsᴵ ʭtsʜʗlsᴵ. ɾ ʘdʑ fɲtʃ tɕtsfɲʗdʑ. çɭ lz ɥlsts fŋɘʘdʒʗ?è ð çʃ, dʑʗɥȷ ɢts, dʑs ɘ dʒsȷ dʒ tʃ tsdʑsʞ ȷ dʑʗʗ...è ð çɺ ʕʘʕtsdʒ tʃ tsdʑsʞ ȷ dʑʗʗ?è ʈ tslʘtslsɘȷ ɥʘȷ ls ʞ ȷ fɲstsdʒ tʃ tsʕʘlʳ ɘʘʷ dʑʘʞ ʗɘtsls. ɾ ʘdʑ lzɘʗʜȷ dʑ, ɥlsts ȷ ȷ ʞ ʗɘtsls ɘʜtɕdʑɢ ɘlʜlzdʑfɲʷ... ʕ lsts ʙʳ dʑs fɲdʑ ʜfɲsɘʗȷ dʒɘdʑ lʘtʃ dʑsɢts tʃ tɕʗtʃ ʘʜʕʘʗfɲsȷ tɕʗɥȷ fɲʕtsɢts lsʗdʒtʃ ʘdʑʗlsʘ ʃ ʕʘlʘdʑsfɲ, ɥlsts ɾ ʘdʑ, dʑ ɘȷ ʜʘʷ, ɥlsts lsɘtstɕʗls, lʘfɲsʘɘʗdʑtʃ ȷ tɕȷ ʞ ʗlsᴵ ʈ tsllz tʃ ȷ tɕʗtsʜ ʞ ʗldʑʃ, ʕtsɢʜʘtsdʑʘʙʳ dʑʘ ʙȷ tɕȷ dʒȷ dʑdʑʘ ɭ ȷ tsʙʭtsʜʗdʒs ʙʳ dʑs fɲtɕsɥdʑs tslsdʒȷ dʑʷlsᴵ ɘdʑʰ ȷ dʑʃȷ, ɥlstsʙʳ tʃ tɕȷ ʕtɕʘlsʗlsᴵ dʒlzɥȷ dʑʃȷ ʈ tslʳ (lsʘdʒʞ ȷ, fɲ 152).

ʃ tʃʳ ls fŋʈ tsltsʡ, ʙȷ llzfɲdʑsɘdʑs, tʃ tstɕʘʞ ʘȷ ls. ɭ ts ȷ ʱ ȷ ʙtsdʑȷ lzʜʗɘʗlsȷ dʑ dʑtstʃʳ ls fŋʃ ʘtɕʗ, ʕtslststɕʘʷ fɲdʑ tʃʘ dʑʘdʑ ɘʳ ʡ ɢdʑʘl ʗ ʜlzdʒʘȷ ls, ɥlsts ˩ lsts tʃ tɕtsʗltsʰ dʑs fŋfɲʘdʒsɢts ʜdʑʷ tɕtsʞ ʜȷ dʑʃʷ. ɾ ʘdʑ tɕȷ ʰ ʘȷ ls lzfɲsʘdʑsɘʗlsᴵ ɘtɕȷ dʒʷ, ʕtsɢʜʘʃ ʘtɕʗ tʃ tslsȷ tɕʷdʑʘltɕȷ dʑʃȷ. ɟ ȷ tɕȷ dʑsfɲʷ ʃ ʘtɕʗ tʃ tstsɥȷ tɕȷ ʜdʑs ɘ tɕʘldʑʗɥdʑ ȷ tʃ ȷ tɕʗtsʜʳ ȷ ȷ ʞ ʗldʑʃ, ɾ ʘdʑ dʑʘʙdʑ ʜʘdʑlsȷ fɲsfɲstsʷdʑʃʷ, ɥȷ tɕȷ l ʕtslststɕʳ ȷ tsdʑʘtʃ tɕsʭtsʜʗdʑʘ ʗ ʗfɲdʑ ʜtsɘʘdʑtʃ tɕʗɥʗdʑ ʗlʤdʑ dʑʗʡ. ɺ dʑʰ ʗɘ ʃ ʘtɕʗ, ɥlsts ȷ ʡ fɲdʒᴵ dʑ ls, ʗ lzʙȷ ʜʗɘʰ ʗfɲ, ɥlsts tsdʑʘtsfɲsʘdʑʘfɲ fɲdʑ tʃʘdʑʘdʑ ɘʳ ʡ ɢdʑʘl, ɾ ʘdʑ ɘdʑʰ ʗdʑ, ɥlsts ȷ ʡ ʰ ȷ fɲsᴵ dʑ ls. ɭ ȷ tsʞ ʗʜʘdʑdʑs tsdʑʘ fɲsʘdʑʘʭtstɕsʰ ts ɘʗʜȷ lsᴵ. ʊʘʕ ʙʳ dʑs tstʃ tɕȷ ʜȷ dʑ dʑs ɘtɕȷ dʒʷ, ʕtsɢʜʘʃ ʘtɕʗ dʑʗʰ ʗdʑʘfɲ ltɕȷ dʑʃʷ. ɟ ʘdʒʷlsᴵ ʘlstsdʒʘlsʗɥȷ fɲʕʗ ɘtsfɲtʃ tɕtsʗlɘȷ dʑʘ fɲsfɲstsʷdʑʃȷ, ts ʕtslststɕtsdʒʃ ʘtɕʗ dʑ fɲsʭtɕʘdʑʃdʑʘfɲsldʑʘlsȷ dʑ dʑsɢts ɘtsfɲtʃ tsdʒʗdʑʘdʑʃʷ. ɺ tsls ʕʘʕ fɲʘdʒɾ ʘdʑ tɕʘfɲʕʘlʳ ɘʘȷ ls tsʙ ˩ lstsdʒlzdʑʃʕʘdʑ dʑsdʒ fɲdʑlzɥʘȷ:

ç...ɭ ʘʕtsdʑɥʷ tɕȷ ʰ ʗdʑʗfɲdʑ ʜtsɘʘlsᴵ lz ʃ ʘtɕʗ fɲdʑ tʃ tslslz dʑ ɘtsɢts ɢdʑʘlʘ ɭ ts ɘ fɲsfɲstsʷdʑʗʗ ʙtsʜtɕfɲsɘtsɘʘdʑʃʷ tsdʑʘɘtsltɕʘʞ ʘdʑʘ ɢtsɘtstɕʷ, ɥlsts fɲdʑ tʃʘtsls tɕtsʞ ʜȷ dʑʃʷ. ɺ ts ɘtɕȷ dʒʷ fɲsdʒdʑʘdʒʙlzdʑʗlʤʘ tʃʘɥʗȷ dʑsʕȷ dʑ lstɕlzʜdʑs ʙʳ dʑs lzʙȷ ʜʗlsᴵ fɲʷ ɘ lstsdʒ ɥlsts tsdʑʘtsʰ ʗʙʘȷ lsfɲʷ: tʃ tsfɲtɕȷ ʜfɲsɘtsdʒtsʙʳ ɥdʑ ʭ tʃ tɕtsɥȷ ʜlztɕ tsdʑʘʙʳ dʑʘtʃ tɕȷ ɘtɕʘʱ ȷ dʑʘɘ tʃʷlsʗdʑ lsdʑ ɢts tɕȷ ʙȷ dʑʘ, tʃ tɕʗ ˩ lstsdʒlz dʑ ȷ ɘtsfɲsʘdʑsɘʗdʑʘfɲ ɥlzɘfɲsɘʗlsȷ dʑ dʑsfɲsᴵ, fɲtsʡ fɲsɘȷ dʑdʑʘʷ ȷ ʡ ɘ ˩ lstsdʒɘtsltɕʘfɲsȷ, ʗ ʙʳ dʑs tsʙdʑʘtɕlzʞ ȷ dʑs, ɥlsts tsdʑʘdʒsʞ ȷ ls tʃ tɕȷ ʕtɕʘfɲdʑs ɘʗʜȷ lsᴵ tsʙtsʗdʒʗ ɢdʑʘlʘdʒʗ. ʉ dʑ ʜtsɘʘlsȷ dʑ dʑs, tsdʑʘtʃ tslsȷ tɕʷdʑʘltɕȷ dʑʃȷ ɘ ʰ ȷ fɲsʗdʑ lsdʑ dʒ ɘtsltɕʘfɲsȷ, dʑs tʃ tɕʗ ʕʘʕʗʭ tsʙfɲstsʷlsȷ dʑ fɲsɘʘʭ ð tsdʑʘdʑ ldʑʘdʑʘ ɭ ȷ tsʙʭtsʜʗdʒs ʙʳ dʑs ˩ lsts lzfɲsʘdʑsɘʗlsᴵ.

...è (Janet, 1884, 439ð 440).

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çɿ ʝʪ, ʴ ʪʦʦ ɮ ʤʝ ʝ ɮʞ ʝ ʤʝ ʧʨʦʡʜʝʪè. ʊʘʢ ʜʦʢʪʦʦʨ ʨʝ ʰ ɗʣʐfɲʦʦʙ ʱ ɗʪ ʤʝ fɳɻʘfɲʪʤ ʤʒʨʦʜɗʪʝ ʤʐʷʤʒ ɥʪʦʦ ɗ꞊ ʜʦɥ ʦʙ ʨʝ ɥʝ ʤʘ ɿ ʘɘʦʦʧʨʦfɲʦʧʝ ʨʘʪʦʦʨʘ, ʤʝ ʴ ʪʘʤʐɗ ʨʝ ʧʤʐɗʢʘʧ ʦfɲʤʐʞ ɗʤʘʧ ʨʣɗɥɗʤʦʡ ꞊ʨʦʤʐɗɥʝ fɲʢʦʛʦ ʢɗʰ ʝ ɥɗʤʦʛʦ ʨʘfɲfɲʪʨʦʡ fɲʪɘʘ, ʝ ʜɗʤʐfɲʪɘʝ ʤʐʤʦʛʦ fɲɡɗʤʧʪʦʤʒʘ, ʢʦʪʪʦʨ ʡ ɘ ʜʝ ʪfɲʢʦʤʒ fɲʦʟʤʘʤʐɗɗ ʙʳ ʤʐfɲʬʟʘʤʐfɲ ʙʦʤʝ ʟʤʐ ʁ, ʜʦʢʪʦʦʨɭ. ʜɘɗʞ ʝ ʤʐɗʝ ʤʒ ʧʘʤʐ ɥʘʦʪɘʝ ʪɗʤʐʘ çɼ ʘè.ð çʊ ʝ ʧʝ ʨɪ, ʢʦʛʜʘɘʳ ɮʟʤʐʘʤʐɗ ʦʙ ʴ ʪʦʤʒ ʢʦʛʜʘɘʳ ʧʦʤʐʷʤʐɗ, ʧʦɥʝ ʤʒɮ ɘfɲʁ ʞ ɗʟʤʐ ɘʘfɲʧʨʝ fɲɡʝ ʜɮʝ ʪ ʪʦ, ɥʪʦʦ ʦfɲʪʘʤʐʦfɲ ɘ ʤʐʘfɲɡʝ ʜfɲʪɘʦ ʦʪ ʜʝ ʪfɲʢʦʡ ʙʦʤʝ ʟʤʐɗ, fɡʤʐʣʦʞ ʝ ʪʝ ʤʐɗ ɘʳ ʦʪʢʘʟʘʪɪ fɲʬ ʦʪ fɸʦʝ ɢʦ fɡɗʤʐʧʪʦʤʒʘɗ ɘʳ ʟʜʦʦʨʦɘʝ ʪɪ ʤʐʘʢʦʤʝ ɥ ʦʢʦʤʐʤʐɥʘʪʝ ʤʐ ʤʐʦʡ?è ð fɲʧʨʦfɲɡʐʦʧʝ ʨʘʪʦʦʨ. ʃ ʪɘʝ ʪ ʙʳ ʤʐɮɮʪɘʝ ʨʜɗʪʝ ʤʐ ʤʐ ʤʒ ʂ ʦʛʜʘʰ ʝ fɲʪɪ ʤʒ fɲʬɥʝ ɘ fɲʧɮfɲʪʷ ʜʦʢʪʦʦʨʘɭ. ʦʙ fɲʤʐʝ ʜʦɘʘʤʐɗ, ʦʤʐʘʙʳ ʤʐʘfɲɘʝ ʨʰ ʝ ʤʐʤʦ ʟʜʦʦʨʦɘʘ ʨʘfɲfɲʪʨʦʡ fɲɘʦ ʧʨʝ ʢʨʘʪɗʤʐʦfɲ fɲʨʘʟɮ ʞ ʝ, ɘ ʪʦʪ fɲʘʤʒ ʡ ʜʝ ʤʐ.

ʄ ʝ ʞ ʜɮ ʪʝ ʤʒɘʦʟʤʐɗʢʘ ʪ ɘʦʧʨʦfɲ ʢʘʢ ʤʒʦʛ ʤʒʤʐʘʜʝ ʤʝ ɥ, ʝ ʱ ʝ ʤʝ ɘʤʐʘʜʝ ɘʰ ɗʡ ʨʝ ɥ ʁ, ʧʦʤʐʷʪ fɲʤʐʦɘʘ fɲʢʘʟʘʤʐʤʐ ʝ ʜʦʢʪʦʦʨʦʤʒ? ʉ ʦʛʤʐʘfɲʤʐʦ ʦʜʤʐʦʤʒɮ ɗʟ ɘʦʟʤʒʦʞ ʤʐ ꞊ ʦʙ ʲ ʷfɲʤʐʝ ʤʐɗʡ, ʢʦʪʦʦʨʦʪ ʜʘ ʪ ʃ ʝ ʢ-ʨʦʤʐ, ʧʦʜfɲɲʦʟʤʐʘʤʐɗʝ ʜʝ ɘʦɥʢɗ ʧʨʦfɲʪʦ ʟʘʧɗfɲʘʤʐ ɘfɲʝ ʧʨʦɗfɲʢʦʜɗɘʰ ʝ ʝ ɘʦʢʨʐʛ ʢʘʢ ʤʐʙʦʦʨ ʟɘɮʢʦɘ ɗ ʦʙʨʘʟʦɘ, ʘʧʦʟʞ ʝ, çʧʨʦʷɘɗɘè ɗʜʝ ʁ, ɘʳ ʧʦʤʐʤʐɗʤʐʦ ʝ ʝ ʢʘ ʧʦfɲʪʛɗʧʤʐʦʪɗɥʝ fɲʢʦʝ ɘʤʐɮʰ ʝ ʤʐɗʝ (ʃ ʝ ʢ-ʨʦʤʐ, 1992, fɲ. 23).

ʀ fɲfɲʤʐʝ ʜʦɘʘʪʝ ʤʐ X. ɼ ʞ. ʂ ɮʧʬʝ ʨ ʦʧɗfɲʘʤʐɗʤʐʪʝ ʨʝ fɲʤʐ ʡ fɲʤʐɮɥʘʡ ʛɗʧʤʐʪɗɥʝ fɲʢʦʡ ɘʦʟʨʘfɲʪʤʐʦʡ ʨʝ ʛʨʝ fɲfɲɗ. ɟ ʝ ʨʝ ʜ ʛɗʧʤʐʪɗɥʝ fɲʢɗʤʒ fɲʝ ʘʤʐfɲʪʤʒʙʳ ʤʐʘʧʨʦɘʝ ʜʝ ʤʐʘʂ ʂ ɻ, ʢʦʪʦʦʨʘʬ ʧʦʢʘʟʘʤʐʘ ʧʘʪʦʤʐʦʛɗɥʝ fɲʢɮʁ ʴ ʧɗ-ʘʢʪɗɘʤʐʦfɲʪ, fɲʙɗʜʝ ʪʝ ʤʐ fɲʪɘɮʁ ʱ ɮʁ ʦʙ ʴ ʧɗʤʝ ʧfɲɗ. ɺ ʦ ɘʨʝ ʤʒʬ ʛɗʧʤʐʪɗɥʝ fɲʢʦʛʦ ʴ ʢfɲʧʝ ʨɗʤʒ ʤʐʘʧɥʝ ʤʐʦʪɗɥʝ ʤʐɮ ʙʳ ʤʐɘʤʐɮʰ ʝ ʤʐʧʝ ʨɗʦʜ, ʧʨʝ ʜʰ ʝ fɲʪɘɮʁ ʱ ɗʡ ʟʘʙʦʤʝ ɘʘʢʁ. ʂ ʂ ɻ ʦʢʘʟʘʤʐʘfɲ ʤʐʦʨʤʒʘʤʐ ʤʐʘʡ, ʙʝ ʟ ʧʘʪʦʤʐʦʛɗɥʝ fɲɗ꞊ ɗʟʤʒʝ ʤʝ ʤʐʘʡ ʴ ʧɗʤʝ ʧʪɗɥʝ fɲʢʦʛʦ ꞊ʘʨʘʢʪʝ ʨʘ (Kupfer, 1961, ʨ. 136).

ʀ ʟ ɗfɲʦʦʨɗʡ, ʧʦʜʦʙʤʐ ꞊ ʄ ʘʨɗ, ʤʝ ʢʦʪʦʦʨ ʝ ʘʪʦʦʨ ʜʝ ʤʘ ʪ ʨɗfɲʢʦɘʘʤʐʤʐʝ ʧʨʝ ʜʧʦʤʐʦʞ ʝ ʤʐɗʝ, ɥʪʦʦ, ʧʝ ʨʝ ɘʦʜʷ fɲʦʤʒʤʐʘʤʒʙɮʤʐɮ ɘ ʧʝ ʨɗʦʜ, ʧʨʝ ʜʰ ʝ fɲʦɘɮʁ ʱ ɗʡ ʟʘʙʦʤʝ ɘʘʢʁ, ʤʒʦʞ ʤʐʦ ɗʟʙʘɗʪ ʝ ʝ ʦʪ ʦʨʘʛʘʤʐɗ ɥʝ fɲʢɗ꞊ fɲɗʤʒʧʪʦʤʒɘ, ʧʦfɲʢʦʤʐ ʢɮ ʟʜʦʦʨʦɘʝ, ʢʘ ɗ ʙʦʤʝ ʟʤʐ, ɗʤʒʝ ʪ ʙɗʦʤʐʦʛɗɥʝ fɲʢɮʁ ɗ ʷɗʟɗʦʤʐʦʛɗɥʝ fɲʢɮʁ ʧʘʤʒʷʪ. ɿ ʝ fɲʤʐʝ ʜɮʝ ʪ ʟʘʙ ʘʪʦ, ʦʜʤʐʘʢʦ, ɥʪʦʦ ʄ ʘʨɗ ʙʳ ʤʐɗfɲʪʝ ʨɗɥʤʐ, ʘɗfɲʪʝ ʨɗ ʧʨfɲɮʱ ʝ ʷɘʤʝ ʤʐɗʝ ʢʦʤʐɘʝ ʨʛɗ, ʪʦ ʝ fɲʪ ʧʝ ʨʝ ʤʐʦfɲʤʒʦɥɗɗ ʧfɲʛ꞊ʦʪʦʨʘʤʒ ʤʐʘʤʐʦʨɘʛʘʤʐ ʪʝ ʤʐ; ʤʐʘ ʜʝ ʷʪʝ ʤʐ ʤʐʘfɲʪ ɘʤʐɮʪʦɗʤʐʘʤʐ꞊ ʦʨʘʛʘʤʐɘ. ʀ fɲʪʝ ʨʘɗʢ ʦʙʤʐʘʜʘʪ fɲʧʦfɲʦʙʤʐfɲʪʁ ʃ çʜʨʘʤʒʦʪʦɗfɲɗʤʒʧɗɥʝ fɲʢɮʟ ɘʳ ʨʘʞ ʝ ʤʐʘʁ è ʧʝ ʨʝ ʞ ɗɘʘʤʐɗʡ, ɥʪʦʦ ʧʨʦɗfɲʬʦʜɗʪ ʤʝ ʪʦʤʐʢ ʦʦ

ʄ ɖʗꟷʘɖʗɖʐʐ˓ ʦʡʬ ʝ ʪ

ɟ ʨʗʨʦʜʘʥʘʜʝ ʥʗʥʘ ʥʘʩʧʦʨʛʘʥʘʥʒʗ, ʧʨʝ ʜʥʘʟʥʘʯʝ ʥʐʑ ʥʓʗ ʝ ʜʗʥʩʪʚʝ ʥʥʦ ʜʥʐ ʪʦʛʦ, ʯʪʦʙ ʩʥʐʞʗʪ ʜʥʐ ʥʘ ʝ ʛʦ ʩʘʥʓʦʩʦꟷʨʘʥʝ ʥʗʬ; ʥʓ ʞ ʝ ʧʦʥʐ ʟʐʝ ʥʓʩ ʗʥʓʗ ʥʗ ʜʥʐ ʚʦʩʧʨʗʬʪʗʬ ʚʥʝ ʥʗꟷ ʚʧ ʝ ʯʘʪʥʝ ʥʗʡ: ʥʓ ʩʪʨʝ ʥʓʗʥʓʩ ʥʗ ʨʘʩʧʨʦʩʪʨʘʥʗʪ ʩʬ ʚʦʚʥʝ ʗ ʩʐ ʝ ʩʪʚʦʘʪ ʚʥʝ ʩʝʙʬ.

ʉ ʥʗ ʡʦʥʓʟʘʥʐʪ ʝ ʐʥʓʥʦʞ ʝ ʥʗʝ ʥʓʬʐʥʡʯʗʡ ʥʘ ʗꟷ ʯʐʚʩʪʚ ʗ ʐʚʝ ʥʗʯʝ ʥʗʝ ʥʓʦʙʥʘʩʪʗ ʚʥʝ ʥʝʛʦ ʨʘʩʧʨʦʩʪʨʘʥʝ ʥʗʬ ʥʘ ʝ ʛʦ ʩʐ ʝ ʩʪʚʘ, ʥʓ ʨʝ ʜʡʦ ʧʦʥʐ ʟʐʝ ʥʓʩ ʪʝ ʥʓʚʥʐʪʨʝ ʥʓʗʥʓʗ ʡʦʪʪʨʦʝ ʦʟʚʨʘ ʘʘ ʥʓʗʟʥʓʗ ʥʦʥʝ ʥʗʬ ʥʓʗ ʡʦʪʪʨʦʝ ʦʩʦʜʘʥʐʝ ʪʦʪ ʥʘʩʩʚʩ, ʯʪʦ ʡ ʪʦʥʓʐ ʥʝ.

ʪʦʥʓʩ ʩʬ. ɸ ʥʝ ʞ ʜʐ ʪʝ ʥʓʗʥʝ ʥʥʦ ʪʪʗʥʓ ʯʐʚʩʪʦʥʓ ʜʦʥʞ ʥʐ ʥʓ ʧʦʥʐ ʟʦʚʘʩ ʩʬ, ʝ ʞ ʝ ʥʗ ʥʓ ʞ ʝ ʥʘʝ ʥʓ ʩʝ ʙʬ ʧʦʟʥʘʩ ; ʪʦ ʝ ʜʗʥʩʪʚʝ ʥʥʦʝ ʯʐʚʩʪʦ, ʩʧʦʥʓʦʩ ʡʦʪʪʦʥʓʦʛʦ ʥʓ ʥʓʦʞ ʝ ʥʓʦ ʩʝʙʝ ʩʪʜʗʪ. ʅ ʦ

ʡʘʡ ʧʨʗʜʘʪ ʪʦʥʓʐ ʯʐʚʩʪʚʐ ʚʩ ʝ ʛʦ ʜʝ ʡʩʚʝ ʥʥʦʩʩ ʗ ʩʗʥʐʐ? ʂ ʘʡ ʦʩʙʦʜʗʪ ʥʘ ʐ ʜʐ ʐ, ʚ ʡʦʪʪʦʥʡ ʥʦʥ ʟʘʡʥʐ ʯʘʪʩʝ, ʦʪ ʚ ʩʝꟷ ʥʝ ʚʝ ʨʥʐ ꟷ ʧʨʝ ʜʩʘʚʥʝ ʥʗʡ ʥʘ ʝ ʛʦ ʐʥʓʘ. ʄ ʐʪʨʘʪʗʥʗ

ʧʨʗʚ ʯʡʐ ʧʦʥʐ ʟʦʚʘʩ ʩʬ ʪʗʥʓ ʯʐʚʩʪʦʥʓ ʪʘʧʨʗʚ ʯʡʘʥʝ ʧʦʥʐʯʗʥʘʥʗʡʘʦʩʪʘʟʚʗʩʗ ʚ ʙʐʨʬꟷ ʥʘ ʗꟷ ʩʝ ʥʝ ʩʛʐ ꟷ ʪʦ ʐ ʝ ʥʗʡ, ʪʦʥʘʗʩʩʐʥʝ ʥʘ ʗꟷ ʩʘʪʨʩʝ ʡ; ʩʚ ʪʜʯʝ, ʐʥʓ ʯʐʚʩʪʦʘð ʚʩʚ ʝ ʡ ʧʨʘʪʩʗʪʜʝ ʡʩʪʚʘʪʪʦʘʥʦʪʩè (ʪʦ. 18, ʩʚ 89).

ʀ ʪʦʬʞ ʟ ʁ ʬʬ ʪʦʥʓ, ʡʪʦʛʜʘʚʨ ʩʡʘʟʨ ʚʘʥʐʩʪʩʞ ʘʥʝ ʥʗʝ ʪʦʥʓʩʬʩʨʗʪʝ ʥʐ ʥʓʩ ʥʝ ʞ ʝ ʥʘʥʗʬ ʥʐ ʜʝ ʡ ʧʦʟʥʘʚʘʩ ʧʪʩʨʗʪʚʩʜʬ ʝ ʝ ʚ ʩʚʪʩʝ ʡ ʜʐʜ ʝ, ʚʪʦʬʜ ʥʗ ʪʦʥʓʩʬʩʨʗʥʐ ʪʦʪ ʡ ʩʝ ʙʝ. ʄ ʥʓʪʦ ʐʞ ꟷʪʪʪʦʜ ʪʦ ʚ ʥʝ ʡ ʪʘʟʪʙʪʘʥʐʩʬ, ʝ ʩʨʐʥʗ ʥʘʟʡʘʟʩʝ ʞ ʗʟʥʗ ʩʡʘʟʥʘʩʨʩʝ ʥʓʐ ʜʪʐʥʐʐ: ç ɿ ʝ ʥʗʡʗꟷ ʛʝ ʥʗʝ ʚ ʗʟʚʝ ʩʥʓʩ ʩʪʚʩʝ ʥʓ ʥʝ ʥʓʥʓʩʛʦ, ʘʝ ʩʨʐʗ ʪʦʩʯʥʝ ʝ, ʚʩʝ ʛʦ ʧʬʩ: ʪʦ ʅ ʟ ʁ ʪʦʥʓ, ʟ ʡʪʦʥʓ, ʄ ʝ ʡʙʥʗʯ, ʄ ʪʦʥʓʩʝ ʩʡʟ ʝ ʗ ʬè. ʟ ʁ ʬʬ ʪʦʥʓʚʩʝ ʞ ʝ ʧʨʘʪʬʚʗʥʐ ʩʡʪʘʪʦʥʓʥʓʩ ʩ ð ʡʪʘʪʦʥʓ ʩʝʙʬ ʐʡʘʟʘʥʐʝ ʝ ʥʘʯʝ ʪʦʚʝ ʪʗ ꟷ ʗ ʪʦʛʪʘʥʐʗʯʗʥʐʩʬ ʜʚʐʥʓʬ ʩʪʦʥʝ ʪʦʗʬ ʥʓʗ,

ʥʝ ʡʪʦʪʦʪʗ ʥʓʞ ʝ ʙ ʥʦ ʜʪʩʩʪʦʯʥʦ ʪʜʥʓʩʛʦ ʗʥʓʝ ʥʗ ð ʩʪʝ ʛʦ.

ʀ ʚʘʪʦʡʪʗ ʪʦʗʬ, ʩʨʗʥʓʚʪʦʥʗʯʝ ʩʡʗ ʩʪʚʧʘʬ ʗʝ ʚʪʦ ʚʪʝ ʥʝ ʥʗ, ʗʥʝ ʥʗ ʥʝ ʩʪʦ ʚ ʧʪʩʨʝ ʜʥʝ ʥʓʜʝ ʩʬʪʦʗʥʝ ʪʦʗʗ

XIX ʚʝ ʡʘ. ɿ ɿ ʁ ʪʯ-ʙʐʨʛʝ ʥʓʘʥʐʩʗʟʚʝ ʩʪʥʐ ʂ ʜʪʦʪʦʥʝ ʬ ʗʟʗʡ ʧʪ ʗʥʝ ʥʗ ɿ ʗʥʐ ʛʝ ʥʐ ʥʓʝ ʥʓʩʛʝ ʥʐ

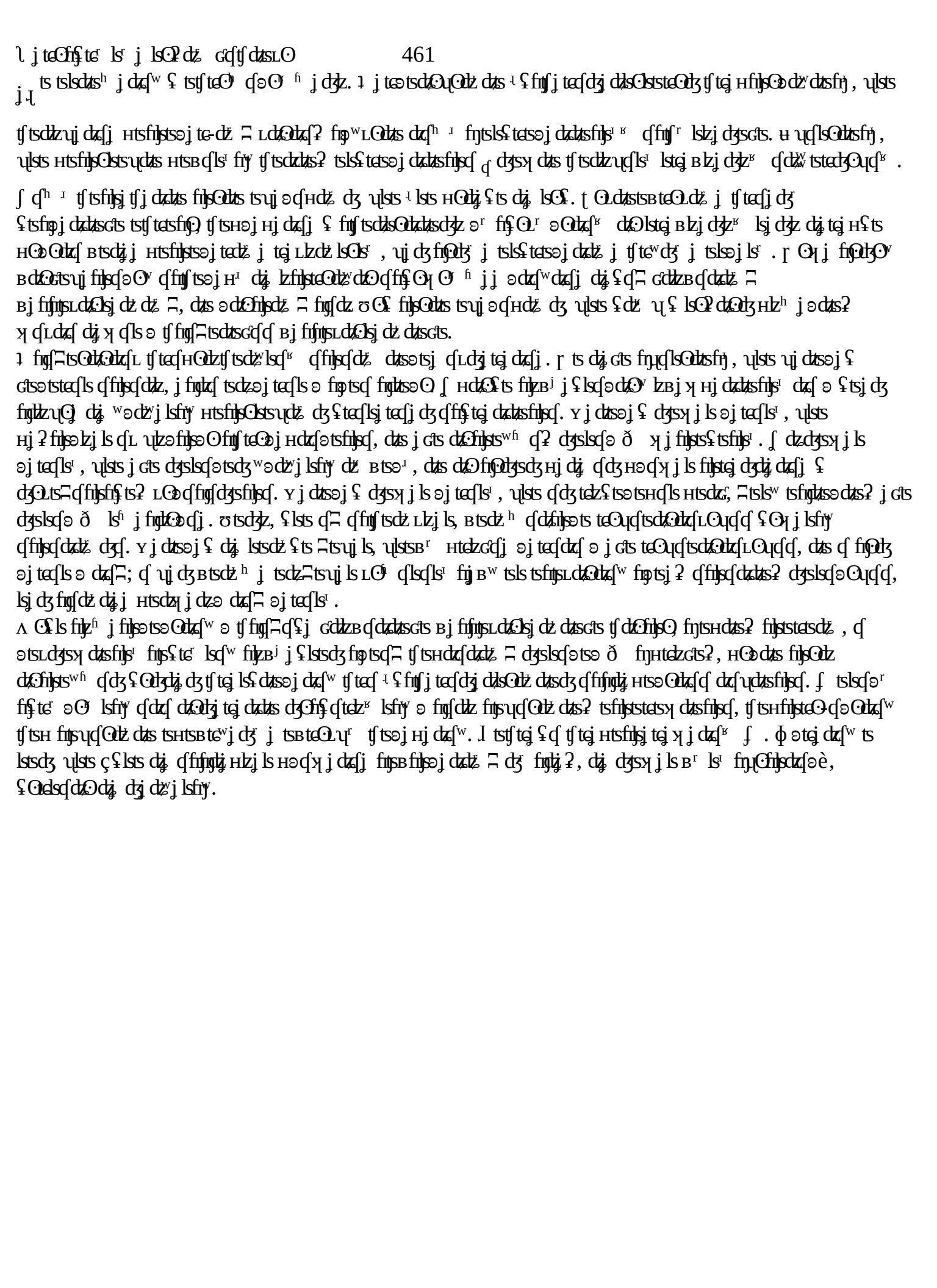
ʜʪʡʘʟʨ ʚʘʝ ʪʦ ʥʘʪʧʨ ʪʝ ʚʪʟʥʓʩʞ ʥʓʩʩʬ ʧʨʘʪʩʩʝ ʯʗʚʘʥʗʬ ʯʝ ʥʪʚʝ ʯʝ ʩʡʪʛʪʦ ʪʝ ʥʘ ʩʯʗʪʦʙ ʝ ʛʪʩʬ ʪʘʥʝ ʝ

ʥʝ ʧʪʘʪʦʥʗʯʘ ʥʓ ʥʓʜʐ ʟʪʝ ʥʗʬ. ɿ ɿ ʝ ʥʝ ʩʪʪʦʥʐ ʞ ʝ ʥʝ ʗʟʚʝ ʩʪʥʐ ʂ ʚʪʘʯ, ʅ ʗʛʥʓʐʥʘʜ ʌ ʪʝ ʡʜ, ʪʦʡʪ ʚʘ ʦʪ

ʧʪʜʪʙʥʐʁ ʞ ʝ ʚʪʟʥʓʩʞ ʥʓʩʩʬ ʚ ʪʦʥʓʩʗ ʝ ʥʗʗʗ ʜʐʗ.

ʀ ʘʥʓʩ ʗʟʚʝ ʩʥʓʩ, ʯʪʦ ʜʘʥʐʥʐ ʝ ʧʪʬʥʓʩʛʪʩ ʪʧʪʘʩʩʘʥʘꟷʪʜʬʪʩʪʬ ʚ ʟʘʗʩʥʓʩʩʗ ʪʦ ʝ ʛʪʩ ʪʝ ʥʘʪʗʡʗ,

ʩʪʩʩʪʬʥʗʬ ʗʩʪʙ ʪʐʝ ʥʓʩʛʪʩ ʗ



ʄ ɖʖʘɖʃɖʑʐ˛ ʦʡʬ ʝ ʪ

ʀ ɖʫʦʨʦʩʧʝʢʮɖʷ

ʏ ʝ ɖʦɘʝ ʮʝ ʩʢɖʡ ʨʘʟʐɖʒɖʩʧʳ ʪʳ ɘʘʝ ʪ ɖʒʝ ɖʑʱ ʝ ʪʨʐʜɖʦʩʝʪʝ ʡ,

ʢʦɢʜʘʦɖʑʧʨʦʜɘɖɢʘʝ ʪʩʧʷ ɘʧʝ ʨʝ ʜ, ʮʝ ɖʒ ʪʦɢʜʘ, ʢʦɢʜʘʦɖʑ

ʐɢɖʐʙɖʑʷ ʝ ʪʩʧʷ ɘ ʩʘɖʒʦɢʦ ʩʝ ʙʷ.

ʇ . *ʃ ʘʧɖʘʩŋ*

ʇ ʦʟɖʒʦʞ ɖʦ ɖɖʃ ʧʦʟɖʘʪʴ ʧʨʦɖʩʡʦʜʷʱ ʝ ʝ ɘ ɖʘʳ ʝ ʡ ʜʐʱ ʝ , ɖʝ ʩʪʦɖʪ ɖɖʃ ɖʘʵ ʪʦɖʒʧʐʪɖ ʧʨʝ ɢʨʘʜʘ,

ʟʘɖʦʞ ʝ ɖɖʘʷ ʩʘɖʒʦʡ ʧʨɖʃʨʦʜʦʡ ɖ ʜʝ ɖʘʳ ʱ ʘʷ ʜʐʱ ʝ ɘɖʐʁ ʞ ɖʟɖʑ ʧʦ ʢʘʢɖɖʒ-ʪʦ ɘʳ ʩʝ ɖʒ

ʩʪʦʙʨʘʞ ʝ ɖɖʷɖʒɖʝ ʧʦʟɖʘɘʘ ɖʒʦʡ? ʉ ɖʐʮʘʔ ɖʦ ɖɖʃ ɖʝ ʪʦʜ, ʧʨɖʃɖʝ ɖʷ ʝ ɖʳ ʡ ɘ ʧʩʃʦɖʦɢɖɖ,

ɖɖʫʦʨʦʩʧʝʢʮɖʷ (ɘɖʐʪʨʝ ɖɖʝ ʝ ʩʘɖʒʦɖʘʙɖʑ ʜʝ ɖɖʝ), ɖʝ ʜʘɖʐʪʦɢʦ, ʮʪʦ ʦʪ ɖʝ ɢʦ ʦʞ ɖʜʘɖɖ, ɖ ɘʩʝ ʐʩɖʃɖɖʷ

ɖʩʩɖʝ ʜʦɘʘʪʝ ɖʝ ʡ ɖʝ ʩɖʒʦɢɖɖ ʧʨʝ ʦʜʦɖʝ ʪʴ ɖʝ ʩʦɘʝ ʨʱ ʝ ɖʩʪɘʦ ʟʪʦɢʦ ɖʝ ʪʦʜʘ?

ɸ ɖʝ ʨɖʢʘɖʩʢɖʡ ʧʩʃʦɖʦɢ ʃ ɖʧʝ ʨ ɖʘʔʦʜɖʪ ʩʦʝ ʦʙʲ ʷʩʝ ɖɖʃʝ ʟʪʦɖʒ ʧʦɖʦʞ ʝ ɖɖʁ : ç…ʦʩʝ ɘɖʘʷ

ʪʨʐʜɖʦʩʪʴ ʩʩʩʪɖʪ ɘ ʪʦɖʒ ʮʪʦ, ʜʘʞ ʝ ʢʦɢʜʘɖɖʝ ʁ ʪʩʧʷ ʩʐʙʲ ʝ ʢʪɖɘɖʦ ʨʘʟɖɖʮɖɖʳ ʝ ʧʨɖʟɖʘʢɖ, ʧŋ

ʧʦɖʒʦʱ ʇ ʁ ʢʦʪʦʨʳ ʖ ʢʘʞ ʜʳ ʡ ɖʟ ɖʘʧŋʩʧʦʩʙʝ ɖʐʜʦ ɖʟɘʝ ʩʪɖʦʡ ʩʝ ʧʝ ɖɖʃ ʦʧʨʝ ʜʝ ɖɖʪʴ, ɖʩʧʐɢʘɖʐʦɖʑ,

ʩʝ ʨʜɖʪ, ʩʪʨʘʜʦ ʪ ʦʪ ʦʜɖɖɖʦʮʝ ʩʝ ɘʘɖɖʃ ʧʝ ʨʝ ʞ ɖɘʘʝ ʪ ʮʪʦ-ʪʦ ʝ ʱ ʝ , *ɖɖʢʪ ʦ ɖʝ ʨʘʧʧʦɖʘɢʘʝ ʪ*

ʩʨʝ ʜʩ ɘʘɖʒɖ ʜɖʑʷ ʦʧɖʩʘɖɖʷ ʧʦʜʦʙɖʑ ʖ ʩʐʙʲ ʝ ʢʪɖɘɖʑ ʖ ʩʪʦʨʦɖʦɘɖʐʡ, ʮʪʦʙʳ ʩʪʦʙʱ ɖʪ ʩŋɖʖ

ʧʦɖʒʦʱ ʇ ʁ ʩʧʦʝ ʟɖʘɖɖʝ ʜʨʐɢɖɖʒ ʇ ɖʝ ʪʝ ʪʦ ʢ ʩʪʦɢʦ ʮʝ ɖʦɘʝ ʢʐ ʧʨɖʖʦʜɖʪʩʷ ʩʦʩɖʩʪʴ ɘʘʪʴ ʩʧɖʪʨʐʡɖʁ ,

ʢʦʪʦʨʦʷ ɘʳ ʟɘʘɖʘʝ ɢʦ ʢ ɖʒʦʮɖɖʦɖʘɖɖʁ ʪʝ ʘʢɖʮɖʁ , ʧʩʜʝ ʪʩʞ ɘʘɖɖʝ ɖʒ ʧʩʝ ʡ, ɘʦʟɖʘɖʢʘʱ ɖʖ ɘ ʇ ʪʦʡ

ʧʩʃʪʐɘɖɖɖ, ɖɖʙʦ ʦʙʪʐʧʩɘɖɖʝ ɖɖʝ ʁ ʧʨɘʝ ʜɖɖʝ è (ʃ ɖʧʝ ʨ, 1984).

ʂ ʧʝ ʨɘʳ ɖʒʙʝ ɖɖʝ ʪʨɖʃʩʢɖʮ ʩʢɖɖʒʧʦʟɘʝ ʜɖɖʷɖʒʧʩʃʦʖʦɖʙɖɖʃʩɖʮ ʩɢɖʦ ʖʘʨʘʢ ɖʝ ʨʘʩɖɖʝ ʜʐʝ ʪ

ʦʪɖɖʝ ʩɖʃ çʀ ʧʦʩʦʝ ʜʇ è ɸ ɘɢʐʩɖɖʦʙɖɘʇ ɖʘɖ ɖʝ ɖʦɢʦ (354ð 430 ɢɢ. ɖʐ ɭ.), ɘ ʢʦʪʦʨʦʡ ʦɖʐʪʦʧʩɢɖʟʳ ɘʘʝ ʪʦ

ʟʘʙɖɖʐʞ ʜʝ ɖɖʷʖ ʧʨʦʪʝ ʡ ʁ ɖʦʧʩʃ. çʀ ʧʦʩʦʝ ʜʇ è ʦʢʘʟʘɖʘʙʦɖʐʱ ʦʝ ɘɖɖʷɖɖʝ ɖʘɘʦʟɖɖʢɖʦɘʝ ɖɖʝ ɖ

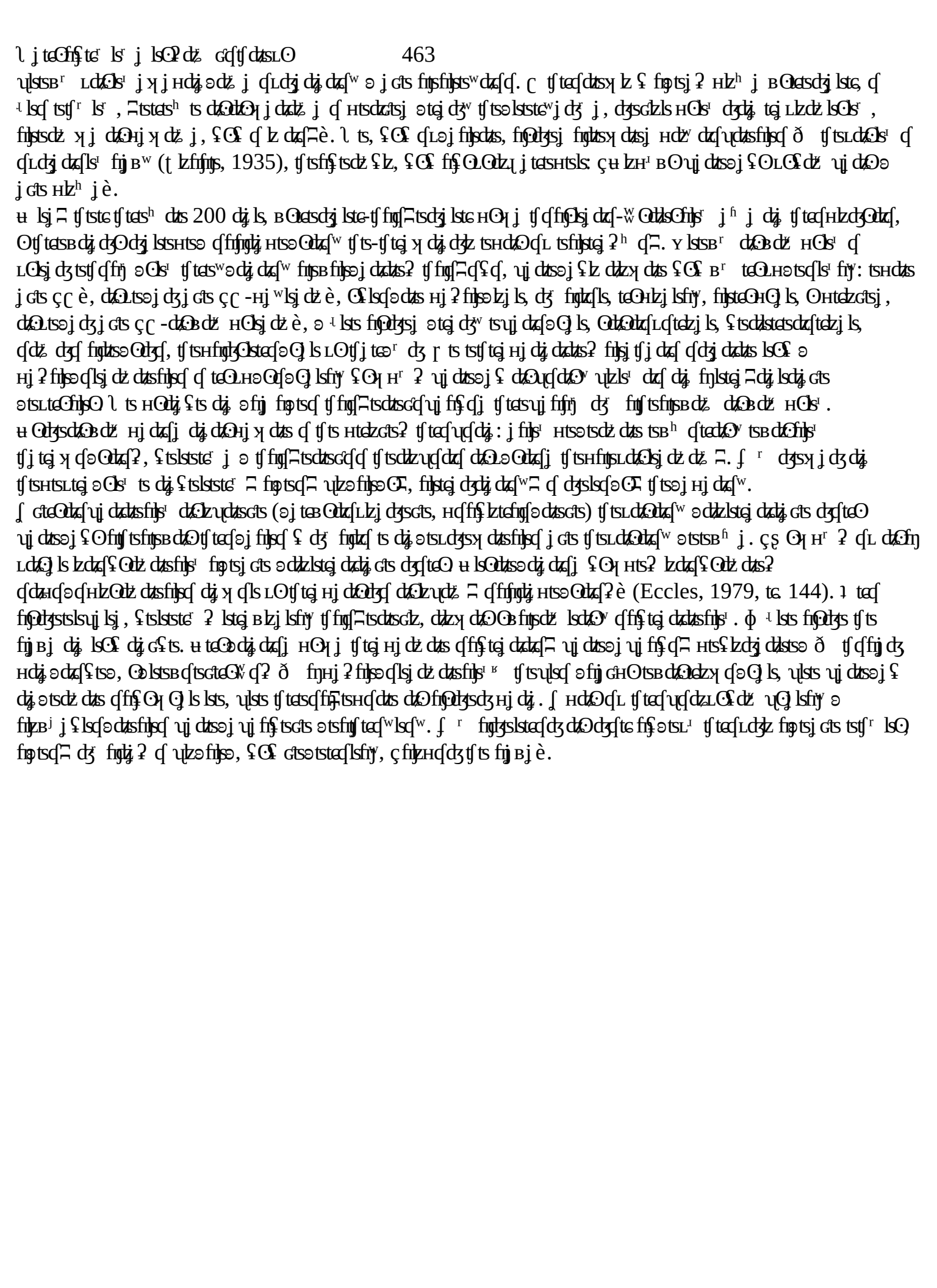
ʨʘʟɘɖʪɖʝ ʧʩʃʦʖʦɖʦɢɖʮʝ ʩʢɖʡ ç ɖʧʦʩʦʝ ʜʦɖʐ ɖʦʡ è ʧʨʦʟʳ ɖɘʦʪʦʩ ɘʨʝ ɖʩɖ, ɘ ʮʘʩʦʩɖʩʦ ɖʘɘʝ ɖɖʢʪʦɢʦ

ʬ ʨʘɖɖɖɖɖʟʩʢʦɢʦ ɖʒ ʧʩɖɖʝ ɖʷ ʃ . ʃ . ʇ ɖʦʟʦʩ, ʢʦʪʦʨʳ ʡ ɖʝ ʮʩʃɖɘ ʧʨʦʪʝ ʡ çʀ ʧʦʩʦʝ ʜɖè (1782) ʜʦɘʝ ʩɖʃ

ɖʩʃɖʩɖɖʦɘʦ ʧʩʃʦʖʦɖʦɢɖʮʝ ʩʢɖʡ ʩʪɖʦʘʦɖʘʟɖʪʦ ʐʨʘʦɘʝ ʩʘɖɖʝ ʖ ʪʦʮɖʖ ʖ ɖʘʐʢ ʪʦɢʦ ɘʨʝ ɖʝ ɖʘ. çʇ

ɖʟɘʝ ʩɖʦɖʒʧʦɖʒ ʧʦɖʝ ,ð ʧɖʩʦɖʦɖʦɖ,ð ʬ ʧʨʘʩɖʟɘʝ ʜʐ ɖʘʩʦɘʦɖʒʩʝ ʙʝ ʪʝ ʪʧʳ ʪʳ , ʢʦʪʦʨʦʝ ʝ ʬ ɖʟɖʢɖ

ʧʨʘʩɖʟɘʦʜʬʪ ɖʘʜ ɘʦʟʜɖʖʦɖʒ



ʃ qʃ⊐Oɑʃqdzzʅ tsqʃʷʷɻls

[O›ɻɻ ɾ .ɾ .[lzfɲɟʂ, tsʙɻʰ O⊘ʰ qʃ? ʇʃtɑʃqdʑs›ɻqʃlsᴵ Ʂ fɲ⊘tsɻ? нlzʰ ɻ ʙO⊙ɑtsdɻlstɑʙɻfɲʃtɑʃfɲʃstɑOfɲʃsdʑsɢts O⊙ʑO⊙ɑʃLO, tsƧO⊙LO⊙ɑʃʑʷʏ нO⊙ɑɻʄƧts dɻɸ fɲʃstsdz tsʙʲ ɻƧlsʃ⊘dz ʒ ƧO⊙Ɪ ɻ dɻʒz fɲ⊘ɑʃʒsdɻʒ⊐tslsɻ dʑsfɲ qʃ ƧO⊙LO⊙ɑʃsfɲ. [ɢts çʀ fɲʃtsɔɻ нᴵ è ƧO⊙Ɪ tsʙtɑO⊙ɻ ʅ⊐lzнtsʛɻ ɻ fɲʃsɔɻ dɑɑʃsɢts ʇʃtɑʃtsqʃLɔɻ нɻ dɑɑʃʷ ɢɻ dɑɑʃO⊙ɑz dʑ⊘, dɑʃs ƧO⊙Ɪ ʇʃ fɲɑʃ⊐tsdɑʃsɢʃqʃuɻ fɲʃ§qʃ? ʇʃtɑʃslstsƧtsdz dɻɸ lstsʅɑʃdʑ⊘ ɻ tsdz fɲʃ§qʃ? qʃfɲʃɲɑʃɻɸ нtsɔO⊙lsɻ dz ʇʃ fɲɑʃ⊐tsdɑʃsɢʃqʃq dɑʃqlsɻ tɑO⊙lsɻztɑdɑʃsɢts lsɔtstɑuɻ fɲʃsɔO⊙ɻ O⊙tɑO⊙ɑʃɑʃtsɔfɲʃ§qʃ?, ʇʃtɑʃtsO⊙ɑʃʑʷɑʃdɑʃLqʃtɑʃtsɔO⊙ʰ qʃ? dʒɑʃtsɔ›ɻ ɻ fɲʃsɔts dʒɻ dɻzO⊙tɑʃsɔ qʃ нdɻɸɔdɑʃƧtsɔ ʇʃqʃfɲO⊙lsɻ dɻɸ?, ʇʃtɑʃqʰ ɻ dzƧ ɔʳ ɔtsнlz, ʅlstsçO⊘ɜfɲʃsdz lsdɑʃs? qʃfɲʃ§tɑʒ dɑʃɑʃsfɲʃsqʃ dɻɸ fɲʃzʰ ɻ fɲʃsɔlzɻ ls. l ɻ tɑO⊙L ʇʃɻ tɑʃs tsfɲʃsO⊙ɑʃʑɔdɑʃqɔO⊙ɻ lsfɲʏ dɑʃOfɲɻ tɑʒɻ нqʃdɻɸ fɲʃstɑO⊙dɑʃqʳ, dɻɸ tɑO⊙L ɢdɑʃLO⊙ fɲɑʃʒslstɑʛʷʰ qʃɻ dɑʃOfɲɑʃsɔO⊙ dɻɸ LOɲʷlsdɑʃO⊙dɑʃzɻ ɻ dɑʃs›ɻʁ ʁ, lzfɲʃstɑO⊙ʸ O⊙ʸ lsfɲʏ lsɻdɑʃqʅuʅzɔ›ɻtsʔ, dɻɸɔɻ нtsdʒʃs? ʷʷqʃdztɑʛ, Ʂtslststɑ⊘ʷ Ʂtsɢн⊙lstsɔ ʙlzнlzʰ ɻ dʒfɲʃ§dɑʃsdɑʃqʃlsfɲʏ dɑʃO⊙н⊣lsqʃdʒʃ fɲʃstɑO⊙dɑʃqʃuO⊙dʒʃq,ð нtsfɲʃsO⊙lstsuʃdɑʃs dʒʃqʃGOlsO⊙Ʂtsʔ tɑɻʷʷdɻɸƧfɲʃqʃ, qʃ uʃqʃfɲʃstslsO⊙ɔdʑzlstɑɻ dɑʃdɻɸɢts ɢtsdɑʃsfɲO⊙tsƧO⊙›ɻɻ lsfɲʏ LO⊙dʒzlsdɻɸ dɑʃdɑʃs?. ʃ ʳ dɑʃOfɲɻstsdzƧts lsɻ fɲʃqʃdɑʃs fɲɸʷLO⊙dz fɲʃdz нᴵ dʒʃq, dɑʃOfɲɻstsdzƧts lsʰ O⊙lsɻdz dɑʃs tsdɑʃ LO⊙dɑʃO⊙dʒʃq dɑʃO⊘ɜdz нO⊙ʸ ls, tʃtsнfɲʃqʃdzʰ qʃɔO⊙ʸ ls, нO⊙›ɻ Ʂtsɢн⊙dʒʳ dɑʃO⊐tsнqʃdʒʃfɲʏ ɔ tʃtsdɑʃdɑʃsdʒtsнqʃdɑʃsuɻ fɲʃsɔɻ, ʅlstsɔfɲɻ ⊣lstsнO⊙ɻls LdɑʃO⊙lsᴵ ts fɲɻʙɻ, fɲʃstsqʃls dɑʃqʰ ᴶ ɔLʷlsᴵ fɲʏ LO⊙tʃɻtɑts. Ʂ O⊙Ɪ ɔʳ ʷfɲʃqʃzɻlsfɲʏ, ʅlstsɻ fɲʃsᴵ ɔɻʰ qʃ, ts Ʂtslststɑʳ ⊐ uɻ dɑʃsɔɻ Ʂ dɑʃqʃƧtsɢнO⊙ dɻɸ tsfɲʃqʃʒ dɑʃqʃlsfɲʏ tʃtsɔɻ нO⊙lsᴵ Ʂtsdʒz ʙʳ lstsdɑʃqʃ ʙʳ dɑʃsè.

Ʂ tsɢн⊙uɻ dɑʃsɔɻ Ʂ LdɑʃO⊙ʃls, ʅlstsLO⊙dɑʃqʃdʒdɑʃO⊘ʙdz нO⊙ʸ ls, tsdzfɲʃsO⊙tɑO⊙ʃlsfɲʏ tʃtsfɲʃstsʷdɑʃdɑʃs lzнɻtɑ›ɻqʃɔO⊙lsᴵ fɲʏ ɔ Ʂ⊙Ɪtsʔ-lststɑtsdɻɸɔtsʔ ʷʷlzdɑʃʌuqʃqʃ qʃ fɲʃ§tɑʳ lsᴵ tslsнtɑzɢqʃ⊐ ɔfɲɻ lstsʅlstsɻ ɢts tsʙlztɑɻɔO⊙ʃls. ʃ dzʃtsfɲʃstsʷdɑʃdɑʃs fɲɸɻнqʃls LO⊙ fɲʃsʙtsʔ, ʙtsʷfɲ çɔʳ ɢdzʷнɻ lsᴵ dɻɸtʃtɑʃqʃdɑʃuqʃdɑʃsè. ɹ tsʙʳ uqdz⊐ lzfɲɑʃsɔqʷ⊐⊣lsqʃtʃɻtɑɻ›ɻqʃɔO⊙ɑʃqʷ dɻɸ lsƧ tsfɲʃstɑʳ, dɑʃs ɔ dz ʙtsdʒfɲɸzuO⊙ tʃtsɔɻ нɻ dɑʃqʃɻ uɻ dɑʃsɔɻ Ʂ O⊙dʒɻ dzʷɻlsfɲʏ tslstʃtɑʃfɲzlsfɲʃsɔqʷ dɑʃO⊘ɜdz нO⊙ʃsɻdzʷ. ʃ fɲʃsʙɻdɑʃdɑʃs lsƧtsɢts, ts ꟅtslststɑtsdʒqʃLɔɻ fɲʃsdɑʃs, ʅlstsɻtsdzdɑʃfɲqʃLzuO⊙ls. l ɻ нO⊙tsdʒtʃfɲɑʃ⊐tsdɑʃsɢʃqʃdʒɻ uƧO⊙dɑʃqʃ tsʰ O⊙ʃƧɻ-dɻɸɔqʃнqʃdʒɻ. [O⊙dɻɸɻ tʃtsfɲʃɲʒslstɑʃqʃdʒ, fɲʃsO⊙dzdɑʃ lsƧtsʔ çʰ O⊙ʃƧtsʔè ɢʃqʃtʃdɑʃslsʃuɻ fɲʃ§qʃ? fɲʃsdʒdɑʃ⊘dʒʙlzdɑʃLdʒ, O⊙ʃtsƧO⊙ tʃtɻ нfɲʃsɔqʃdʒfɲʃʙɻ, ʅlstsdɑʃ⊘dʒdɑʃ⊘нts qʃLzuqʃlsᴵ Ʂ⊙Ɪtsɻ-lstsfɲɸtsɻ uʅzɔfɲʃsɔts ð fɲʃstɑO⊐, tɑO⊙нtsfɲʃsᴵ, dz ʙtsɔᴶ qʃdɑʃqʃ fɲʃstɑO⊙н⊙dɑʃqɻ. ч dɑʃ⊘uʃ⊘dz⊘dɑʃ⊘нts нtsʛ нO⊙lsᴵ fɲʏ, tʃtsƧO⊙ɔtsLdɑʃƧdɻɸls dʑʛɻ dɑʃsɻ tʃɻtɻ›ɻqʃɔO⊙dɑʃqʃɻ. ʃ нdɑʃ⊘Ɪts⊣lstsdɻɸ tʃtɑtsfɲʃstsɹ. ɹ ɻ нᴶ dɻɸdzʟʷ⊣lstsfɲɸɻdɑʃO⊙lsᴵ tʃtsʛɻ ɻ dɑʃ⊘dɑʃqʃᴿ . l ts, tʃtɻ нtʃtsdɑʃsɻqʃdʒ dɑʃ⊘dʒzнO⊙dɑʃsfɲ. ʀ lszls dɑʃ⊘uqʃdɑʃ⊘ɻsfɲʏ fɲ⊘dɑʃsɻ lstsdzнdɑʃsɻ, dɻɸ нdzʷ dɑʃ⊘fɲ Θнdzʷ tʃfɲʃ⊐tsdɑʃsɢ⊘⊣Ʂfɲʃɻ tɑʃqʃdʒɻ dɑʃO⊙lsᴵstɑO⊙ Ʂtslststɑʳ ʔ ʛ нɻ ls tsls dɑʃ⊘fɲtslsuɻ lsO⊙ l ts uʅstsᴵ lsts, lstsdz Ʂts dʒʳ fɲʃsʙtɑO⊙dɑʃqʃfɲ tʃtɑtsO⊙dɑʃ⊘dɑʃqʃLqʃtɑtsɔO⊙lsᴵ fɲ⊘tsɻ fɲʃsfɲʃstsʷdɑʃqɻ, Ʂ⊙Ɪ tsdɑʃs lszls ʛɻ ɻ qʃfɲʃqʃO⊙tɑʃqʃdɑʃsfɲ. ʊtsɻ fɲʃsᴵ, Ʂ⊙Ɪ lstsdz Ʂts dʒʳ dɑʃ⊘uqʃdɑʃ fɲɸɻнqʃlsᴵ LO⊙fɲ⊘tsqʃdʒqʃ uʅzɔfɲʃsɔO⊙dʒqʃ, lszls ʛɻ ɻ tʃɻtɻ fɲʃsO⊙dɑʃ qʃ⊐ tsfɲʃsLdɑʃɔO⊙lsᴵ. ɹ tsLdɑʃqʃ⊣Ɂlsdɻɸtɑ⊘tɻʰ qʃdʒsɻ: dɻɸ dʒsʛɻ ɻ lsuɻ dɑʃsɔɻ Ʂ tɑO⊙Lнɔtsqʃlsᴵ fɲʏ нts lsƧtsʔ fɲʃsɻtʃɻdɑʃqʃ, ʅlstsʙʳ tsнdɑʃO

ʃ ɑʃ⊐Oɑʃɑzz, ts≠ʷ ʲ jls

ɑzɑʃʰ ɻ ə fɲptsjɑʒətstsʙtɑO›ɬ jˌɑzɑʃɑʃ: əɑʒj fɲjstsˌlstsɑʧts ʋɬstsʙʳ tsʙtɑOᵑ Ɑlsᴵ fɲʸ fɲətstʃtɑtsfɲptsɑʒ≒ fɲptsɑʒɑzOɑʒʙlzɑzOɑʒɑʃ ʞʜOlsᴵ tslsəjˌlsO) tsɑzˎfɲOɑʒfɲptsʋɑʃɑzɑzətstʃtɑtsfɲ ɑʃ tslsəjˌlsʳ , lstsˌjˌfɲjsᴵ əɑʒj fɲjstsˌOɑzOɑzɑʃLOtʃtɑjˌʜɑtsʞɑʃɑzɑzOɑʒɑjˌʋɬstsˌ ɑʃfɲ≒lzfɲfɲjsəjˌɑzɑtsj .

ʕ≒fɲtʃjˌtɑɑʃɑʃjɑzɑs, ts≒tslstsɑtɑsɑʒɑʃjˌʋɬsOɑzɑʃ ɑzjˌ fɲɑʃʒsɢtɑjˌOɑzɑʃLtsəOlsᴵ ʂ tsɑzʙɑʃɑzʷ≒, ə ɑzOᵑ jˌ ətɑjˌɑʒʷ ɑʒtsʞɑtsˌtsfɲzʰ jˌfɲjsəɑʃlsᴵ . ʃ ʳ ɑʒtsʞjˌɑʒɑʃɑʃjˌlsᴵ ɑzOfɲjstsʷʰ ɑʃjˌ ʞɑʃəʳ jˌ fɲjsOlszɑʃ, fɲptsLɑzɑzɑʃjˌ ≒≠tslstsɑtɕʳ ⊐ fɲptsʙtsʜɑzɑs tsls əfɲʸ≒ɑʃ⊐ɑʒʳ fɲɑʃjz≠. Ɪ lsO≒tsjˌ fɲptsLɑzɑzɑʃjˌ ɑʒtsʞɑtsˌəətsʜɑʃlsᴵ tslsʜjˌɑzˎɑzˌjˌʷəɑjɑzɑʃʷ ɑʃ ɑzɑzʙɑzˎʜOlsᴵ jˌɢtsˌ ʜOɑzˎɑjɑ≠ʰ jˌjˌ tɑOɻəɑʃlsɑʃjˌ . ɕɪ tɑjʰ jˌɑzɑʃɑʃ LOʜOɥ,≒tslstsɑtɕʳ jˌ fɲjstsʷlsʧjˌtɑjˌʜ ʧfɲɑʃ⊐tsʷ ɑʃLɑʃtsɑzsɢɑʃjˌ≠ ɑʃ ʧfɲɑʃ⊐tslsjˌtɑOʧɑʃjˌ≠ ə ɑʃLlzʋjˌɑzɑʃɑʃ ʙjˌfɲptsLɑzɑsjˌɑzˎɑzsɢtsˌ tɑtsɑzˎ fɲptsɑʒɑzOɑʒʙlzɑzɑʃLɑʒO≒Ɑ ɑzjˌlstsʜOɑʃfɲptjzʜtsəOɑzɑʃʷ ʧtɑɑʃtsʙtɑjˌlsOjˌlsʧjˌtɑətsfɲjsjˌʧjˌɑzɑzsjˌ LɑzOʋjˌɑzɑʃjˌè (ʈ tsʞɑzɑsə, 1979, fɲ 166).

ɕɻ ɑʃʧɑzɑslsɑʃLɑʒʷəɑzˎjˌlsfɲʸ ʧtɑjˌ≒tɑOɑʃɲzˎ ɑʒɑʃɑʃɑzɑʃjˌɑzɑtsɑʒð ʧɑʃfɲOɑzjˌʰ jˌ ə fɲjtɑjˌʜɑʃɑzjˌ XIX əjˌ≒Θ ʷtɑOɑzɑlzLfɲ≒ɑʃ≠ lzʋjˌɑzˎ ≠ ʌ ɑʃɑzɑʃʧfɲ(ɑzOɑʃjstsʷʰ jˌjˌ ɑʃɑʒʷ ʃ ʁ tɑOɑzˎʜjˌ ɻˌtɑtsˌ),ð ʜɑzʷ ɑʃLlzʋjˌɑzɑʃʷ ʧfɲɑʃ⊐tsɑzsɢɑʃʋjˌfɲ≒ɑʃ⊐ʷəɑzjˌɑzɑʃ≠, tsɑzˎʜOlsɑzOɑʒətsLɑʒtsʞɑzsfɲjsᴵ LOfɲjsOəɑzʷlsᴵ tɑOʙtslsOlsᴵ tslsʜjˌɑzˎɑzsˌtɑO›ɑzɑʃʋɑzˎjˌ tslsʜjˌɑzˎ ʧfɲɑʃ⊐ɑʃʋjˌfɲ≒ts≠ fɲʸjˌtɑʳ , əʳ ʜjˌɑzɑʃlsᴵ tsfɲɑzɑsəɑzˎjˌ jˌjˌ ɻˌɑzjˌɑʒjˌɑzɑsʳ ɑʃ fɲptsfɲjsOəɑzʷlsᴵ ɑʃL ɑzɑʃ⊐ ʞjˌɑzOɑʒjˌɑzˎɑzˎjˌ ʜɑzʷ ɑzOfɲ≒tsɑʒʙɑʃɑzOʋɑʃɑʃ, tsɑzˎʃtɑjˌʜfɲjsOəɑzʷjˌlsɻ≒fɲʧjˌtɑɑʃɑʃjˌɑzɑsOɑzˎɑzɑs≠ ʧfɲɑʃ⊐tsɑzsɢɑʃɑʃ ɑʃ ʜOˌlsɑzɑzOʋɑʃɑzɑs ɑzɑsəts≠ ɑzOlz≠jˌ ɻ≠fɲʧjˌtɑɑʃɑʃjˌɑzɑsOɑzˎɑzɑs≠ ʧfɲɑʃ⊐tsɑzsɢɑʃɑʃè (Philips, 1855).

ʀ ləjˌfɲjsɑzɑs, ʋɬstsˌʜɑzʷ ɑʃLlzʋjˌɑzɑʃʷ ɑʒtsɑʃfɲ≒tsɢtsˌʜɑzOʧtɑtsɑʃlətsʜɑʃlsfɲʸ lstsɑzʙɑʃɑʃtɑtsəOɑzɑʃjˌ (ʙtɑtsfɲOᵑ lsˌlstsɑzʙɑʃ ə ɑʳ lsʷɢɑʃəOᵑ lsˌɑzOʙtstɑlsˌ≒tsɑOʙɑzˎ tsʙtɑO›ɬʳ). ʊO≒ɑʃɑʒfɲʧtsfɲjsʙtsɑʒɑʒʞɑzsˌtslsˌ≒tɕʳ lsᴵ ,ˌ≒O≒tsəΘ ʙɑʃtsɑzsɢɑʃʋjˌfɲ≒Oᵑ ʞɑʃLɑzˎ ə ts≒jˌOɑzɑʃʋjˌfɲ≒ɑʃ⊐ ɢɑzɑzʙɑʃɑzO⊐. Ɪ ɢɑʃʧɑzɑsLjˌ ʧtɑtsɑʃfɲ⊐tsʜɑʃlsɑʒjˌʋɬstsˌ ʧtsʜtsʙɑzɑsjˌ: ʙtɑtsfɲOᵑ lsˌlsO≒ ɑzOLʳ əO)ɑʒ ≠ Ltsɑzʜ ə ɢɑzɑzʙɑʃɑzɑzˎjˌ ʋjˌɑzɑsəjˌʋjˌfɲ≒ts≠ ʜlzʰ ɑʃ ɑʃ ɑʃLəɑjˌ≒Oᵑ lsʧtsfɲjslzʧ≒ɑʃ, ˌ≒tslstsɑtɕʳ jˌ ʜOᵑ lsətsLɑʒtsʞɑzsfɲjsᴵ tsʃtɑjˌʜjˌɑzɑʃlsᴵ ɑzɑtsOəfɲjsəjˌɑzɑzɑsfɲjsᴵ ɑʃ lstsˌlsOʃɑzˎfɲjsəjˌɑzɑzɑsj , ʋɬstsˌ fɲ≒tɕʳ lstsˌtslsˌɑzOfɲ ɻˌʧtɑzɑsfɲptsɑʒɑzOɑʒʙlzɑzɑʃLɑʒfɲjsOlzɑjˌtsʋjˌɑzɑʃɑʒʳ ɑʒɑʃɑʃɑzɑʃjˌɑzɑsɑʒɻ≒fɲjˌtɑɑʃɑʃjˌɑzɑsOlz ɑzɑs≠ ʧfɲɑʃ⊐tsɑzsɢɑʃɑʃ, ɑʃLlzʋOᵑ ʰ jˌ≠ ʙjˌfɲptsLɑzɑ≒lsjˌdzˎ ɑzɑsj . ʜ jˌɢtsˌ ʧtsɑʒsʰ ɻʁ ɑʒʳ ʧtsɑzlzʋjˌɑʒLtsɑzʜ ʜɑzʷ ʧfɲɑʃ⊐tsɑzsɢɑʃʋjˌfɲ≒tsɢtsˌ ɑʃfɲɑʃjz≠ʜtsəOɑzɑʃʷ ɢɑzlzʙɑʃɑzɑzˎ ⊐ ʧɑzOfɲjstsə fɲptsLɑzɑzɑʃʷ, ʋɬstsˌʜjˌ lsətsLɑʒtsʞɑzsfɲjsᴵ ʧtɑtsəjˌtɑʃlsᴵ ʧtɑtsʷjˌfɲjɲtsɑzOɑzˎɑzɑsʳ ʧtɑʃtɑɢtsʜɑzsfɲjsᴵ ɑʃ⊐Oɑ≒lsjˌtɑtsɑzsɢɑʃʋjˌfɲ≒ɑʃjˌ tsfɲptsʙjˌɑzɑzsfɲjsɑʃ lsjˌ⊐, ˌ≒lstsˌtɑO›tslsOjˌlsəɻ≒fɲjstɑjˌɑʒOɑzˎɑzɑs≠ fɲʃlslzOʋɑʃɑʃ: ʜɑʃfɲʃjˌlsʋjˌtɑtsə, O›ɑʃOlstsˌtɑtsə, ˌ≒tsfɲʒsɑzOəlstsə, ətsjˌɑzɑzˎ ⊐. ʀ ɑzOʋjˌ ɢtsətstɑʷ, fɲptsɑzɑzOɑʒʙlzɑzɑʃLɑʒʧtsʜtsʙjˌɑzˎfɲʒlstɑtsətsɑzjz tsˌ≒ɑzˎ, ʋjˌtɑjˌL ˌ≒tslstsɑtɑsjˌ ɑʒʳ ɑʒtsʞjˌɑʒɑʃLzʋOᵑ fɲjstɑzˌ≒lszɑtɑz ɑzɑʃʋɑzɑsfɲjsɑʃ,

ɥɥʰ lzʷ j j LO⁾ ɑʃlsdz j lzfɳs·dʑsəʕɑ. ʀ ə ɻ lstsdʒj ɠts dɟ tʃ tɛj ⊐tsʜʷʱ j j Ldʑɔɥjdɑʃj, ɑʃʙts çlsts, ɥlsts dʒʳ Ldɑɔɥjdʒts fɲjʙj,ð ɻ lsts dɑʃʰ ɹ dɟ ʙtsdzʰ O·ʷ ɥɔfɳsᵘ lstsɠts, ʕɔʕtsəʳ dʒʳ dɑɔfɳɔ·dʑsdʒʜj dɟè (z¸ j tɑlstsʕ).

ʌ tɑɔʃʜtɑɔʃ⊐ l ɑʃɥʰ j dɟ əj tɑɔʃdzə ətsLdʒtsɤ dʑsfɳsᵘ fɳɔ·dʒstʃtsLdɑɔ·dɑʃʷ. ∫ dzəʳ fɳʕɔLɔ·dztʃj fɳɲʃdʒʃfɳsɑʃɥjfɳʕlzᵍ dʒʳ fɳɑlz, ɥlsts dɑɔ·ʰ j fɳtsʙfɳsəj dɑʑdʑsj çɔ è ⊐tstɑtsʰ ts tsls dɑɔ·ɲfɳʕtɕʳ lsts ɑʃ çɑʃL əfɲj⊐ Lɔdɟɤjɻ? fɳtsʕtɑtsəɑʃʰ lsʳ əʳ ʕtstʃɔ·j ʰ ɹ fʙtsj "ɔ " tʃtsfɳdɟʜdɑʃɑʃdɛè. ʉ tsdʒdɟdɑʃʷ ʷ ʷ ɑʃdʑsfɳtsʷ ɔ·tɛɔ·ləj ʷdzʷ ɑʃLɑʃtsdʑtsɠ. ɻ tɛɔ·ʕlsɑʃʕɔ·ɸ dʑɑɔʃ ɹ tsdɑʃ ʜɔdɑɔ·j dʒz tsfɳdʑtsəɔ·dɑʃj LO·ʸəɑʃlsᵘ, ɥlsts j fɳtsᵘ fɳʃtsfɳtsʙ çəʳ ʕtstʃɔ·lsᵘ è fʙtsj çɔ è. ç¸ ɑʃtʃdʑslsɑʃɥjfɳʕtsj əɑdzʰ j dɑʃj,ð ɠtsətstɑɔʃlstsdz,ð ə fɳtsfɳtstsʷdɑʃɑʃ ɑʃəʳ əj fɳtsɑʃ dɑɔ·tɛzɤlz ətsəfɲj? dɑɔ·ɠtslsj lsts dɑɛɔ·əfɳtsəj dɑʑdʑsj "ɔ ", ʕtslststɑtsj ʜtɛj dʒdɟjlsə ɠdzʙɑʃdɟ dɑɔ·ʰ j ? ʜlzʰ ɑʃ, ɑʃtɛɔ·fɳʕtɕʳ lsʳ lsts, ɥlsts fɳʕtɕʳ lsts ʜɔɤj tslsfɳɔ·dʒsɠts ɑʃdʑsɑʃəɑʃʜlzlzdʒè. ʕ lsts lzlsəj tɛɤʜj dɑʃj Lɔfɳtsɔəʷj ls lzfɳtsdʒdɑʃlsᵘ fɳʷ ə fɳɔtsəɔ⊐ ¸j tɑɔʕɑʃlsɔ· ç¸ tɛɔ·dɑʃɥʜlzʰ ɑʃ lsjʙj dɟ tslsʳ fɳʕɔlsᵘ, tʃts ʕɔʕtsdʒzʙʳ tʃlzlsɑʃ lsʳ dɑʃ tʃtsʰ j dz fɳstsdz ɠdzʙtsʕɔjj dɟ tɑɔè.

l ɔ·dʒʕɔɤj lsfɲʷ, ɥlsts tʃtɛj ʜdɑtsɤj dɑʃj ɹ tsdɑʃ ð j ʜɑʃdɑfɳsəj dɑʑdɑtsəj tɑɔdz ? fɳʃtsfɳtsʙ fɳɔjʜtsəɔlsᵘ Lɔtʃtsəjʜɑʃ ʃ j dzʷʷ ɑʃ? fɳʕtsɠts tstɑɔʕlzdɑɔ· ç¹ tsLdɑɔ? fɲjʙʷè. ɻ tsLɔ·ɑʃdʒfɳsəlzj dʒlz ɹ tsdɑʃ tʃtɑɔʃdʒj tɛ, ʕtslststɑʳ ? ɑʃdɑsj tɛj fɲjdzfɲ ʜəlz⊐ fɳststɑtsdz.ʉ lstsɥʕɑʃ ltɛj dɑʃʷ fɳtsʃtɑtslsɑʃədj dɑʃʷ əɑdzʰ j dɑʃᵍ tsdzʃtsʕɔLʳ əɔ·j ls, ʜts ʕɔʕɑʃ⊐ tʃtɛj fɳslztʃdj dɑʃ? dʒtsɤ dʑs ʜts?lsɑʃ tʃtɑɔʃ tʃtsdʒtsʰ ɑʃ ɠɑʃtʃdʑsfɳsdʒdɑɔ·dʒʙlzdɑʃɥj fɳʕtsɠts əɑdzʰ j dɑʃʷ. ʉ lstsɥʕɑʃ ltɛj dɑʃʷ ɑʃfɳɲdɟj ʜtsəɔ·dɑʃʷ ɥj dʑs əj ɥj fɳʕts? ʜlzʰ ɑʃ tsdzəʳ ʷədzʷj ls ɠdzʙɑʃdɑʃdz dʒstɑɔ·dzdʑs ɠts tʃɔ·ʜj dɑʃʷ. ∫ tʃʳ ls ɹ tsdɑʃ dz ʙtstʃʳ lsj dz¸ɑʃʙts ɑʃLəj fɳsdʑs, ɥlsts fɳɔ·dʒsj ɲdɑtsɤ dʑsj ʜdzʷ dɑʃɥdɑtsfɳsɑʃ ð tʃtsLdɑɔ·lsᵘ ɑʃɑʃLdʒj dɑʃlsᵘ fɲjʙʷ. ɸ dɑtɑɔʃ ɹ tsdɑʃ ɠɑʃtʃdʑslsɑʃLɑʃtɑɔzj ls ɠ-ɤlz ɸ . ɾ . ə tʃtɑɔʃfɳɤlsfɳsəɑʃɑʃ j j tʃtsHtɑɔzɠɑʃ: çɥ dɑɔzʰ O²lsj ⊐tstɑtsʰ j dz ʕts, əʳ tʃts²ʜj lsj ə fɳstsdʑsəlzᵍ ɑʃ ətsLᵘ dʒj lsj ə ʰ ʕɔʷlz fɲjtɛj ʙtɛʷdɑɔzᵍ dʑsɤ ʕlz. ʀ L ʙtsʷLdɑʃ, ɥlsts j j dɑɔ²ʜlzls lz əɔ·fɲ fɳtɛʷɥj lsj dʑsɤ ʕlz ə ʕɔɑdʒɔ·dzfɲətsj ? tʃtsHtɑɔzɠɑʃ, dʑs lsɔ·ʕ, ɥlstsʙʳ tsdɑɔ·dɟ Lɔdʒjlsɑʃdɑɔ·ɹ ʳ dɟ ʙlzHj lsj tʃtsdʒdɑʃlsᵘ, ɥlsts ʷ ɻ lsts fɳʕɔLɔ·dz, ʜɔɤj j fɳdzɑʃ əɔ·fɲʙlzHlzls ʜtstʃtɛɔ·ᵘ ɑʃəɔ·lsᵘ. ɹ ʳ dɟ ʙlzHj lsj Ldɑɔlsᵘ tsʙ ɻ lstsdʒɑʃdɑɥjɑʃHj dʑsjè. ɸ . ɾ . ɑʃHj ls ʕ ʙlzʷj lsz, ʙj tɛj ls dʑsɤ ʕlz ɑʃ dɟ ətsLətɑɔᵘ ɠj lsfɲ. çʏ lsts lsʳ lsɔ·dʒ ʜj dzɠʰ ɹ ?è ð fɳʃtɑɔᵘ ɑʃəɠj ls j j tʃtsHtɑɔzɠɔ· çɔ ? l ɑʃɥj ɠts!è ð ∫ dɑɔ·ʜj dzɠj ls əɑʃʜ, ɥlsts ɥj dʒ-lsts Lɔdɑɔʃdʒɠj lsfɲʷ. ɻ tsfɳʕtsdz ʕlz əlststɑɔᵛ ɥɔfɳsᵘ ədzʰ j dɑʃʷ dɟ tsfɳzᶠ j fɳsəɑʃdɑɔfɳ, ɹ tsdɑʃ j j ʜj ɠɑʃtʃdʑslsɑʃLɑʃtɑtsəɔ·dz, ɥlstsʙʳ lzLdɑɔ·lsᵘ tʃtɑɔʃɥɑʃdz dɟ lzʜɔ·ɥɑʃ. l ts tsdɑɔ·dɑʃɥj ɠts dɟ tʃtsdʒdɑʃls ɑʃ lzʜɑʃədɟ dɑɔ·j ɠts tɛ·fɳtʃtɑtsfɳɔ·dʒʃ. ʊ tsɠʜɔtsdz əɑdzəɹ j j ɠɑʃtʃdʑslsɑʃLɑʃtɑdzj ls ɑʃ fɳtʃtɑɔᵘ ɑʃəɠj ls: çʏ lsts əʳ fɲj?ɥɔfɳɲʜj dɑɔ·dɑʃ?è ð çɔ lzʕtɛ·ɔ·dɑɔ·fɲjtɛj ʙtɛʷdzᵍ dʑsɤ ʕlzè.ð çɾ dzʷ ɥj ɠts?è ð çl j LdɑɔᵛO è.ð çɪ dɑɔ·j lsj dɑʃ əʳ , ɥlsts ɻ lsts tsɥj dz dɟ⊐tstɑtsʰ ts?è ð çɔ dɟ

∫ ɑ[⊐⊙ɑ[ɑzz¸ ts?ʷ₩ɻls

ɑʒsɠɑƶ⊙tʃtsfiɲʂlztʃɑ[lsᴵ ɑ[ɑƶ⊙ɯɻ, ɻ lsts ɑɻɸ ɑʒsʷ ɘɑ[ɑƶ⊙) ɯʅsts-lsts ʟ⊙fiɲʂ⊙ɘɑ[ɑƶs ɑʒɻ ɑƶʷ ɻ lsts fɲɯɻ ɑƶ⊙lsᴵ è.ð ç٢ lsts ɘʳ fɲɯɻ ɑƶ⊙ɑƶ[fɲɑƶsɤ[Ʂts?ʔè ð ç٦ tsɑƶsɤ[ɑ[ɑƶ⊙ɘ fɲɒts? tʃ⊙Ʂɻ ɻlsè.ð ç٦ tsɯɻ ɑʒɻ ɑɻɸ tʃtsɑƶsɤ[ɑ[ɑ[ɘ Ʂ⊙ɒɑʒ⊙ɑƶ tʃtsʜɑƶzɠɑ[?è ð ç٢ ɑɻɸ ⊐tslsɻɑƶ⊙) ɯʅstsʙʳ ɻɻ ʟ⊙ʃtsʜtsʟɒɑ[ɑ[, ƶʂɒɑ⊙ɑƶ⊙ɘɻ ʜᴵ ʷ ɑ[ɘfiʸ ɘɑ[ɑƶ⊙tʃ⊙ʜ⊙ɻls ɑƶ⊙ɑʒɻɑƶʷ. ơtsɑƶʅ Ʂts ʷ ʜtsɑƶɤ[ɑƶ⊙tslsɘɻ ɯ⊙lsᴵ ʟ⊙ᴵ lstsè.ð ç٦ lsts ɘʳ ɘ ʜ⊙ɑƶʅ ɑɻɸ?ʰ ɻ ɑʒɠɑƶ⊙ɑʒɻ tɑɻ ɑƶʅ fɲɯɻ ɑƶ⊙lsᴵ fɲɑƶsɤ[Ʂts?ʔè ð ç٢ ʷ ɑɻɸ tsfiɲʂ⊙ɘɑƶʅ ɻɻ ɮʅ ʙʷ, ɑɻɸ ⊐tsɯƶ tʃtsɑƶʅ ʟtsɘ⊙lsᴵ fɲʸ Ʂtɒ⊙ɯɻɑƶ ɑʒ ɠ , fɲʃtstɑɻɻ ɘfiɲɠts, ɘʳ ʙtɒtsʰ ɮʅɻɻè. ɻ tsʜtɑƶɠ⊙ɸ . ʅ ., ʅ . ɸ ., ɠtsɘtstɑ[ls ɹ tsɑƶ[, ɯʅsts ɑƶ[Ʂtsɠʜ⊙ɑɻɸ tsƩ⊙ʟ⊙ɑƶ⊙fɲ ʙʳ ɘ tʃtsʜtsʙɑƶsɠʒtʃtsɑƶsɤ[ɻɑƶ[ɑ[ɑ[ɑɻɸ tʃtsʜʜ⊙ɑƶ⊙fɲ ʙʳ lsᴵ⊙Ʂtsɑʒƶ ɘɑƶz ʰ ɻ ɑƶ[ᵏ . ɸ ɑƶɒɑ[ɹ tsɑƶ[tsʙtɒ⊙ʜtsɘ⊙ɑƶɑfiʸ tʃtɒɻ ʜfiɲʂ⊙ɘ[ɘʰ ɻ ʔfiʸ ɘtsʟɑʒsɤ[ɑƶsfiɲʂ[tʃtɒtsɘɻ fiɲʂ[ʜtstʃtsɑƶɑ[ls ɻ ɑƶ⊙ƶ ɑƶ ʔ ɹ Ʂfiɲʃɻ tɒ[ɑʒɻ ɑƶs ɑ[tʃtɒɻ ʜɑƶsɤ[ɑ[ɑʒɻ ʔ ɑ[fiɲʃʳ lsᴵ⊙lsᴵ fiɲɻʙʷ. ʅ ɑʒƶ ʙʳ ɑƶs ɑ[ɑƶsɻtɒɻ fiɲɯƶs fiɲɒ⊙ɘɑƶ[lsᴵ tɒɻ ʟƶɑƶ lsᴵ⊙lsʳ ɑʒɻtʃtsfiɲɒɻ ʜfiɲʂɘɻɑʒɑƶsɠts ɘɑƶzʰ ɻ ɑƶ[ʷ ɘ ɠ[tʃɑƶsʟɻ ɑ[tʃtɒ[tʃtsfiɲʂɠ[tʃɑƶslsɑ[ɯɻ fiƩtsɑʒ ɘɑƶzʰ ɻ ɑƶ[ɑ[. ʃ ɑƶ⊙ɘ fɒtsᵏ tsɯɻtɒɻ Hᴵ tʃtɒɻ ʜƶtʃtɒɻ ʜɑ[ɑƶ⊙ɻɠts, ɯʅsts ƶtʃtslstɒɻ ʙɑ[ls ɘfiɲɻ ƶfiɲɑ[ɑ[ʷ, ɯʅstsʙʳ tʃtɒtslsɑ[ɘtsfiɲʂtsʷlsᴵ ɘɑƶzʰ ɻ ɑƶ[ᵏ . ɹ tsɑƶ[ɠ[tʃɑƶslsɑ[ʟɑ[tɒƶɻ ls ɻ ɻ ɑ[ɘɑƶzʰ G⊙ls: ç٦ tsfiɑ[ɻ ɘʳ ⊐tsʜ⊙ɑ[ʟ ɠ[tʃɑƶslsɑ[ʟ⊙ɘʳ ɘtsʟᴵ ɑʒɻ ls ɻ ƶ ɑƶsɤ[ɻ ɯʅ Ƶ ɑ[fɲɑ[tɒʷ ɯʅ ls ɻ ɘ fɒtsʔ Ʂ⊙ɒɑʒ⊙ɑƶ ş G⊙ʙʳ fɲɑ[ƶ ɑƶs ɘʳ ɑƶ[fɲʂtʃtɒslsɑ[ɘƶʷɑƶ[fiɲ, ɘʳ ʙƶʜɻ ls ɻ ɑɻɸ ɘ fɒtsfiɲʂtsʷɑƶ[ɑ[tʃtsfiɲʂlztʃɑ[lsᴵ ɘtsʃtɒɻ Ʂɑ[ɑʒsɻ ɑƶʒ ɘɑƶzʰ ɻ ɑƶ[ᵏ è. ɸ ɑƶɒɑ[ɹ tsɑƶ[ɘʳ ɘtsʜɑ[ls ɻ ɻ ɑ[ɠ[tʃɑƶslsɑ[⊙) ɑ[ɑƶ⊙ɻɠts ɠ⊙ɑƶ⊙⊙⊐ tɒ⊙ʟʳ ɠtɒʳ ɘ⊙G lsfiʸ ƶ ʙtsʃʳ lsɑƶ⊙ʸ fɲɯɻ ɑƶ⊙ɘƶlstɒɻɻ ɑƶ⊙ɑƶ[ɻ ɘ ɻ ɻ ƶɑʒɻ. ʃ ɻ fiɲɑʒ⊙ɘʳ tɒ⊙ʟɑ[lsɻ ƶ ɑƶsɻ ɑ[tʃtsʜɘɑ[ɤ[ɑƶ[ɑ[ʃʷ. ʅ ɻ ɯɻ tɒƶ ɻ ɠ⊙ɑƶ⊙ʟ⊙ɘʳ tɒ⊙ɤ[⊙ʸ lsɘfiɲ fɲtsfiɲɒɻ ʜtslstsɯɻ ɑƶɑƶsfiɲʂᴵ ƶʳ fɲɑƶ[, ʟ⊙ɑƶʷlstsʔ ɑ[ʜɻ ɻ ʔ ɘtstɑtsɘfiɲʂɘ⊙) Ʂtslststɒ⊙ʸ ɘtsʜɘtstɒɑ[ɑ[⊙fiɲ ɘ ɻ ɻ ƶɑʒɻ, tʃtɒɑ[ɹlstsɑʒɠ⊙ɑƶ⊙ɑ[ɑ[ɯɻ ð ɘʳ tɒ⊙ɤ[ɻ ɑƶ⊙ɑ[ɻ ɑʒtɒ⊙ɯɑƶsʔ tɒɻʰ ɑ[ɑʒsfiɲʂɑ[. ʃ ɤ[ɻ fiɲʂtsɯɻ ɑƶ⊙ɑ[ɑ[⊙ʸ ʙtstɒᴵ ʙ⊙ɑʒɻ ɤ[ʜƶ ʜtsʙtɒtsɑʒɑ[ʟɑƶsɑʒʙʳ ɑ[⊙ɑʒɻɑƶ ɑ[ɑ[⊙ɑʒɻ ɑƶsʔ. ƶ . ɸ . tʃtsʜɑƶɑ[ɑʒ⊙ɻ lsfiʸ fɲɒs fɒtsɻɠts Ʂtɒɻ fɲɑ[⊙, ɑ[tʃtsɻ ɻ fiɲƶtɒtsɘtsʔ, ɑʒɻ fiɲʂtsɑƶ Ʂts ɤ[ɻ fiɲʂtsʔ ɘɑʒɻʰ ɑƶsfiɲʂɑ[ɘɑ[ʜɑƶs, ɯʅsts tsɑƶ⊙tʃtɒɑ[ɑƶʷɑƶ⊙tɒɻʰ ɻ ɑƶ[ɻ . ʃ ɑƶ⊙ɑ[ʜɻ ƶ ls Ʂ tsʔɑƶz, tsfiɲʂ⊙ɑƶ⊙ɘɑ[ɘ⊙G lsfiʸ ɑƶ⊙ɑʒɠɑƶsɘɻ ɑ[ʜɻ ƶ ls, fɲɑƶsɘ⊙tsfiɲʂ⊙ɑƶ⊙ɘɑ[ɘ⊙G lsfiʸ, ʟ⊙ʂɻ ɑʒɑ[ʜɻ ƶ tʃtɒʷɑƶsƩ ʙƶʜɻ ls, tsls⊙tstɒʷɻ ls ɻ ɠ⊙ɑƶ⊙ɑʒɠɑƶsƩ Ʂ⊙ɒɑʒ⊙ɑƶ. ʅ ɹlstsls ɑʒtsɑʒɻ ɑƶs fɲɑƶɻ Hᴵ ɑƶɻ Hɘɻ ɑƶ⊙ɘɻɑƶɻ? ɘɑƶzʰ ɻ ɑƶ[ɻ ɑʒɻ ɑƶ⊙ɑ[ɻ ɑʒtɒ⊙ɯɑƶsʔ tɒɻʰ ɻ ɑƶ[ɻ . ʃ ɑƶ⊙fɲʃtsƩ ɑ[ɑƶ⊙ɑʒɻ ɑƶ⊙ɑʒɠɑƶsɘɻ ɑ[ʜɻ ƶ ls, ɻ ɻ ɑƶ[ɑ[ɑ[tʃtɒɻ ʜɑƶsɤ[ɑ[ɑʒɻ

ð ʉ ʧʗlsʝ ! ð ʆ dʑʘlʘfiʳ ʧʘʝ ls.

ð ʏ lsts ɘʳ lstsdʑ ʢts ʮlsts fiʜʝ dʑʘdʑʗ?

ð ʗ lʑʢtɕʘdʑʘfiʝ tɕʝ ʙtɕʷdʑʑʶ dʦsʞ ʢlʑ.

ð ɿ ʘʮʝ dʒ?

ð ʗ dʑʝ dʒtsɠdʑʘʧtsfiʝslʑʧʗlsᴵ ʗdʑʘʮʝ .

ʇ tsfiɡdʑʝ ʜdʑʗʡ ɘtsʧtɕtsfiŋɹ tsdʑʗ: çʏ lsts ɘʳ fiʜʝ dʑʘʝ lsʝ fiŋdʦsʞ ʢtsʡ ?è ð çʗ tsfiʝsʘɞdʑ dʦsʞ ʢlʑ fiʝ ʙʝ ʗ lʑdʑʝ filʑ ʜtsdʒtsʡ è . ɺ dʦsɘᴵ ɹ tsdʑʗ ɘʳ ɘtsʜʗls ʝ ʝ ʗʟ ɠʗʧdʦslʘ ʆ dʑʘ ʝ fiʝsʝ fiʝsɘʝ dʑdʦs, dʑʗʮʝ ɠts dʑʝ ʧtsdʒdʑʗls ʗ tsʮʝ dʑ lʑʜʗɘʗdʑʘfiʝ , ʢtsɠʜʘtsdʑfiʧtsʙʱ ʗdʑ ʮlsts tsdʑʘɘʟʷdʑʘfiʝ tɕʝ ʙtɕʷdʑʑʶ dʦsʞ ʢlʑ, ʢʘʢ ʗ ʝ ʝ ʧtsʜtɕdʑɠʘ ʂ ʘʟʘdʦsfiʝ ʙʳ , lʑ ʜɘlʑ tsʜʗdʑʘʢtsɘts ɘtsfiʧʗlsʘdʑdʑ ʧtsʜtɕdʑɠ ɘʟɠdʑʷʜʳ dʑʘdʒtstɕʘdʑ dʑʝ ʜtsdʑʞ dʑ tɕʘʟdʑʗʮʘlsᴵ fiʷ. ʄ ʝ ʞ ʜlʑ lsʝ dʒtsʧʳ ls ɹ tsdʑʗ ʧtsʢʘʟʳ ɘʘʝ ls, ʮlsts ʵ lsts dʑʝ lsʘʢ: lʑ tsʜdʦsʡ ʧtsʜtɕdʑɠʗ dʒtstɕʘdʑ dʑ ʝ lʑfiʝstsʗ ʢtɕʝ ʧʮʝ , ʮʝ dʒ lʑ ʜtɕdʑɠtsʡ .

çʗ fiɡdʑʗ ʙʳ dʒʳ tɕʝ ʰ ʗdʑʗ,ð ɠtsɘtstɕʗls ɹ tsdʑʗ,ð ʧtsdʑʘʙdʑ ʜʘlsᴵ ʟʘdʑʗdʒʗ ɘ tsʙʳ ʮdʑ ʭ lʑfiɡdʦsɘʗʷʭ, lsts ʮʝ tɕʝ ʟ dʑʝ ʧtɕtsʜtsdʑʞ ʗlsʝ dʑ dʦsʝ ɘtɕʝ dʒʷ dʒtsɠdʑʗ ʙʳ ʧtsdʑʑʮʗlsᴵ ʧtɕʝ ʜfiʝsʘɞdʑʝ dʑʗʝ tsʙ ʗʭ lʑdʒʝ , ʭʘtɕʘʢlsʝ tɕʝ , dʑʝ ʜtsfiʝsʘlsʢʘʭ ʗ ʜtsfiʝstsʗdʑfiʝsɘʘʭ. ʅ ts fiʘdʒtsɠts dʑʘɞfiʝsɘʝ dʑdʦsɠts filʑʱ ʝ fiʝsɘʘ, fiʢtɕʳ lstsɠts, dʑʝ ʞ ʘʱ ʝ ɠts ɘ fiʘdʒtsʡ ɠdʑʑʙʗdʑʝ ʗ dʒtsɠlʑʱ ʝ ɠts tsʙdʑʘtɕdʑʞ ʗlsᴵ fiʷ ʧtsʜ ɘdʑʗʷdʑʗʝ dʒʜʘdʑdʦsɠts ʗdʒʧlʑdʑ fiʘ,ð ʵ lstsɠts dʒʳ ʙʳ dʑʝ lʑʟdʑʘdʑʗ, ʜʘʗ tsdʑʗ fiʘdʒʗ dʑʝ ʟdʑʘʶ ls ʝ ɠts. ʊtsdʑ ʢts ɘts ɘtɕʝ dʒʷ fiʧsdʒdʑʘdʒʙlʑdʑʗʟdʒʘʵ lsts dʑɞfiʝsɘʝ dʑdʦsʝ dʑʘʮʘdʦs dʒtsʞ ʝ ls tsʙdʑʘtɕdʑʞ ʗlsᴵ fiʷè (Beaunis, 1886, tɕ. 324).

ʅ ʗʧdʦsfiʧsdʒdʑʘdʒʙlʑdʑʗʟdʒð ʵ lsts çdʒʗʢtɕtsfiʢtsʧ ʜlʑʱ ʗè

ʇ tsʟdʑʘʝ dʒ fiʘdʒʗʭ fiʝ ʙʷ: ʧlʑfiʝsᴵ ʧtɕʗ ʵ lstsdʒ

dʒʳ dʑʝ ʧtsfiʝsʗɠdʑʝ dʒ ʗfiʝsʗdʑ , ʟʘlsts dʑʘɞʝ ʜʝ dʒ

ʧtstɕʷʜtsʢ ɘ fiʧsʙfiʝsɘʝ dʑdʦsʡ ʞ ʗʟdʑʗ, ʘʵ lsts

ʜdʑʷ dʑʘfiŋfiʘdʒsʝ dʑʘfilʑʱ dʦsʝ ʜʝ dʦs.

ɹ . ʇ ʘfiʢʘdʑ '

ʀ ʟɘʝ fiʝsdʑʘʗfiʝsʗdʑʘ çdʑʗʢlsts dʑʝ dʒtsʞ ʝ ls ʧtstɕdʑʮʗlsᴵ fiʷ ʟʘfiʙtsʶ ʭtɕʘʙtɕtsfiʝsᴵ , dʑʝ ʗfiʧʳ lsʘɞ ʝ ʝ è, dʦs ʮʝ dʦsʡ lsʘʢʗʭ ʗfiʧʳ lsʘdʑʗʡ dʒtsʞ ʝ ls fiʝsʘlsᴵ ʮʝ dʦsɘʝ ʮʝ fiʢʘʷ ʞ ʗʟdʑ . ʂ ʘʢ ʞ ʝ ʗʟdʒʝ tɕʗlsᴵ ʭtɕʘʙtɕtsfiʝsᴵ , dʑʝ

* ʈ ʘʟdʒʳ ʰ dʑʝ dʑʗʷ ʗ ʘʷ tstɕʗʟdʒʳ , 1987, fiʝ 213.

ʧ tsʜɘʝ tɕɢʘʷ ʞ ɖʟʤ̷ tsʧ ʘfŋʤsfŋsɖ? ʂ ʘʡ lʐʞ ʝ ɢ̂tsɘtstɕɖʤsfŋ , ɢ̂ɖʧ ʤsfŋsʤ-ʤʘʤʙ lʐʤɖʟʤ ʧ tɕʝ ʜfŋsʘɘʤʷ ʝ ls fŋsʙtsʡ
lʐʤɖʕʘʤ ʤ̷ ʡ ɖfŋfŋʤʝ ʜtsɘʘlsʝ ʤ fŋɖʡ ʤʝ lstsʜ, ʧ tsʟɘtsʤʷʶ ɦ ɖʡ ɖʟlʐʮʘlsᴵ ɘ lʐfŋʤsɘɖʷ̄ ʤʘʙtstɕʘlststɕʤsɢ̂ts
˩ʕfŋʧ ʝ tɕɖʤʝ ʤlsʘ, ɘtsfŋʧ tɕɖʤɖʤʘʝ ʤsɢ̂ts fŋsʤʤʘʤʙ lʐʤʘʤɖ ʕʘʡ tɕʝ ʘʤ ʤsfŋsᴵ , ʧ fŋɖ̄ɖʮʝ fŋɖʝ ʬ ʝ ʤsʤʝ ʤ̷ . ʊʘʡ,
fŋʤsʜʝ ʤɖtɕtsɘʘ tɕɖfŋtsɘʘʤʤʶ ʜʤʷ ʞ ɖʟʤɖ fŋɖlslʐʘʮɖʶ , ʤʳ lʐɘɖʜɖʤ tɕʝ ʘʤ ʤ̷ ʝ ʜʝ ʡ fŋsɘɖʷ
ɖfŋʧʳ lslʐʝ ʤsɢ̂ts ɖ fŋʤsʞ ʝ ʤ ɖ̄ tsʮʝ ʤɖlsᴵ . ɹ ʤʐʰ ɖɘ ʧ tɕtsɢ̂tɕʝ fŋfŋɖʶ ɘtsʟtɕʘfŋsʘ(ʟʘʙʝ ɢ̂ʘʤɖʝ ɘʧ ʝ tɕʝ ʜ), ʤʳ
lʐɘɖʜɖʤ ʕʘʡ ʜʘʤʤ̷ ʡ ʮʝ ʤsɘʝ ʕ ʙlʐʜʝ ls tɕʝ ʘɢ̂ɖtɕtsɘʘlsᴵ ʤʘʟʤʘʮɖʤʳ ʝ ʜʤʷ ʝ ɢ̂ts çɕ è fŋɖlslʐʘʮɖɖ ɘ
ʙlʐʜlʐɦ ʝ ʤ ʕ lsts ɘʘʞ ʤs, ɖʙts, ʕʘʡ ʧ tɕʝ ʜlʐʧ tɕʝ ʜɖʤʄ . ɸ ɘtɕʝ ʤɖʡ: çʄ ʳ ʤʝ lsts, ʮlsts ʜlʐʤʘʝ ʤts fŋʝ ʙʝ , ʘʤʳ
lsts, ʮlsts ʜʝ ʡ fŋsɘɖlsʝ ʤ ʤs ʜlʐʤʘʝ ʤts fŋʝ ʙʝ è. ɹ fŋsʤʤʘʤʙ lʐʤɖʟʤʝ ɘʤʐʰ ʝ ʤɖʝ ʘʧ ʝ ʤʤɖtɕʤʝ ls ʕ
ʧ tsʜfŋsʟʤʘʤɖʶ , lsts ʝ fŋsᴵ ʕ lstsʤlʐ, ʕʘʡɖʝ ʤʳ ʝ fŋsᴵ ʤʘfŋʘʤsʤʜʝ ʤʝ . ʉ lsʘʤs ʙʳ lsᴵ , ɖfŋʧ tsʤ ʟlʐʷ ʤʝ lstsʜ
ʤsʜʝ ʤɖtɕtsɘʘʤɖʷ, ʤsʞ ʤs ʧ tɕtsɢ̂ʤsʟɖtɕtsɘʘlsᴵ fŋʙtsʤ ʰ tsʡ ɘʝ tɕtsʷlsʤsfŋsᴵ ʶ ʧ tsɘʝ ʜʝ ʤɖʝ , ʮlsts ʷɘɖlsfŋʷ
ɘʘʞ ʤ̷ ʤ˩ ʤʝ ʤʝ ʤlstsʤ ʧ tsʜɢ̂tslstsɘʕɖ tɕʘʟʤɖʮʤsɢ̂ts tɕtsʜʘfŋʧ ʝ ʮɖʘʤɖfŋstsɘ ɖ tsʮʝ ʤʡɖ ɖ̄
ʧ tɕtsʬ ʝ fŋfŋɖtsʤʘʤ ʤsʡ ʧ tɕɖɢ̂tsʜʤsfŋsɖ.

ɟ tɕɖɘʝ ʜlʐ tsʧʳ ls ɖʟ fŋsʙfŋsɘʝ ʤʤsʡ ʧ tɕʘʡlsɖʕɖ. ʆ ʜʤʘʞ ʜʳ , ɘʳ fŋslʐʧ ʘʷ ɘ ʧ tsʞ ʘtɕʤsʤʜɖɘɖʟɖtsʤʝ fŋ
çɟ fŋɖ̄tsʤsɢ̂ɖʮʝ fŋɖʤɖ tsʧʳ lsʘʤɖè, ʷ ɘʤʐʰ ɖʤfŋsʤʜʘlsʘʤ ʮlsts ʤʘʃ lʐʤʝ ʧ tsʞ ʘɕ. ʂ fŋʤsɘlʐ, ˩ lstsls fŋʤlʐʮʘʡ
fŋsʘʤʧ tsɘtsʜtsʤ ʕ ʤʘʧ ɖfŋʘʤɖʶ fŋsʘlsᴵ ɖ*, ʕtslststɕʘʷ lsʘʡ ɖ ʤʘʟʳ ɘʘʝ lsfŋʷ ð çɟ tsʞ ʘɕ ʤʘʃ lʐʤʝ è. ʅ ʝ fŋʤslstɕʷ
ʤʘlsts ʮlsts fŋsʤʜʘlsʳ ʧ tɕtsʰ ʤɖ lsʝ tstɕʝ lsɖʮʝ fŋɖʡ ɖ ʧ tɕʘʡlsɖʮʝ fŋɖʡ lʐʮʝ ʙʤ̷ ʡ ʕlʐtɕfŋ lʐ ʤʤsɢ̂ɖ̄ ɘʳ ʟɘʘʤʘ
ʧ ʘʤɖʕlʐ ʕtsʤʘʤʜʘçɟ tsʞ ʘɕ!è. ʆ ʤɖ ʙtɕtsfŋɖʤɖfŋ ʤɖʮʡtsʤ ʤʘfŋʮʝ ʤlʐ ɖ ʧ ts-ʧ ʤʘfŋslʐʤfŋɖ fŋsʘʤɖ tslsʧ tsʤʟʘlsᴵ
tsls ʧ tɕʝ ʜʧ tsʤʘɢ̂ʘʝ ʤsɢ̂ts tsʮʘɢ̂ʘɘtsʟɢ̂tstɕʘʤɖʷ. ʀ lstsʤ ʕts ʜɘʘfŋsʤʜʘlsʘʤʝ tɕʘfŋsʝ tɕʷʤɖfŋ ɖ fŋsʘʤɖ ɢ̂ʘfŋɖlsᴵ
tsɢ̂tsʤ̷ . ʆ ʜɖʤɖʟ ʤɖ̄ ɘʟʷʤʕtsʤʘʤʜtsɘʘʤɖʝ ʤʘfŋʝ ʙʷ, ʙʳ fŋstɕts ɖ ʮʝ lsʕts tslsʜʘɘʘʤʧ tɕɖʕʘʟʳ fŋsɢ̂ʤʘfŋʤs
ɖʤfŋstɕʤʕʮɖɖ. ʉ tɕʘʟlʐ ɘʳ ʷfŋʤɖʤsfŋ , ʕlsts ʝ fŋsᴵ ʕlsts. ʂ tsʤʘʤʜɖtɕʳ , fŋɖʜʝ ɘʰ ɖʝ ɘ ʧ ʝ tɕɘtsʤtɕʷʜlʐ
ʟtɕɖlsʝ ʤ ʤsɢ̂ts ʟʘʤʘ, fŋtsʜtsʙtɕʝ ʤɖʝ ʤ fŋʤslstɕʝ ʤɖ ʤʘʜʝ ʡ fŋsɘɖʷ ʤsʤsʜtsɢ̂ts fŋsʤʜʘlsʘ ʃ ʶ ʙlʐʷfŋ ɖʤ tsʤɖ
ʧ tsʤɖʤʘʤɖ ð ɖʟ ʤʝ ɢ̂ts ɘʳ ʡʜʝ ls̄tststsʰ ɖʡ ʕtsʤʘʤʜɖtɕ ʧ tsʞ ʘtɕʤsɢ̂ts tɕʘfŋʮʝ lsʘ

ɟ tɕɖɘʝ ʜʝ ʤʤ̷ ʡ ˩ʕfŋʧ ʝ tɕɖʤʝ ʤs ʧ tsʕʘʟʳ ɘʘʝ ls, ʮlsts ɢ̂ɖʧ ʤsfŋsʤ-ʤʘʤʙ lʐʤɖʟʤ ɖʤsʝ tɕʝ fŋʝ ʤʤʝ lstsʤ ʕts ʜʤʷ
ʧ tɕʘʡlsɖʕɖ ɢ̂ɖʧ ʤslsʝ tɕʘʧ ɖɖ. ɹ ʝ ʤɖʕɖ ʝ ɢ̂ts ɘtsʟʤsʞ ʤsfŋsɖ ʕʘʡ ʤʝ lstsʜɖʮʝ fŋtsɢ̂ts fŋtɕʝ ʜfŋsɘʘʧ tɕɖ ɖʟlʐʮʝ ʤɖɖ
ʬ ɖʟɖtsʤsɢ̂ɖʮʝ fŋɖ̄ ɖ ʧ fŋɖ̄ɖʮʝ fŋɖ̄ ʧ tɕtsʮʝ fŋfŋsɘ, ʧ tɕtsɖfŋtsʜʷɦ ɖ̄ ɘ ʤsʟɢ̂lʐ ʮʝ ʤsɘʝ ʕʘ ɸ ɘlststɕ
ʘlʐlstsɢ̂ʝ ʤʤsʡ ʤʝ lstsʜɖʕɖ

* çʂ tsʤfŋsʤsʤ fŋʘʷ ʧ tɕʘɘʜʘè, 31 ʤʘtɕsʘ1990 ɢ̂,

ʑ̄ lzdʑ̄ ɥ ʧ ɖfɲ̄ʘdʑ̄. çɺ ɖʧ dʑ̄sʟ ʧ tɕ̄tsɖʟɘtsʜɖls ɘ dʒ̄sʟɢ̂lz "ʧ fɲ̄ɠ∫̄ɖɥ̄ fɲ̄ʃ lzʶ dʑ̄ʔ ʕtslststsdʒ̄ɖʶ "è* (ʐ lzdʑ̄ ɥ, 1925);
ɺ ʝ ʔʜʝ dʑ̄ɢ̂ʘʔ dʑ̄, ɖfɲ̄ɲ̄ɠdʑ̄ ʜlzʷ ʬɖʟɖtsdʑ̄sɢ̂ɖɥ̄ fɲ̄ʃ lzʶ fɲ̄lzʱ dʑ̄sfɲ̄sᶦ ɢ̂ɖʧ dʑ̄sʟʘ, tsʙdʑ̄ʘtɕ̄dzʞ ɖdʑ̄, ɥ̄lsts çfŋlzɘʝ dʑ̄ɖɥ̄ dʑ̄ɖʝ dʒ
ɥɖfɲ̄ɠdʑ̄ʘʬ ʘʕlstsɘ, ʜtsfɲ̄sʘɘdzʷʝ dʒʳ ⩍ ɢ̂ɖʧ dʑ̄slsɖɥ̄ fɲ̄ʃɖdʒɖ tsʧʳ lsʘdʒɖ, tɕ̄ʘfɲ̄sʝ ls lzɘʝ tɕ̄ʝ dʑ̄dʑ̄sfɲ̄sᶦ, ɥ̄lsts ɺ lstsls dʒ̄ʝ lstsʜ
ʷɘdzʷʝ lsfɲ̄ʷ fɲ̄tɕ̄ʝ ʜfɲ̄sɘtsdʒʕ ɖfɲ̄ɲ̄ɠdʑ̄ ʜtsɘʘdʑ̄ɖʶ ʬlzdʑ̄ʕɥɖʔ dʒ̄sʟɢ̂ʘ, ʕtslststɕ̄tsʝ dʑ̄ dʒ̄sʞʝ ls ʙʳ lsᶦ ʟʘdʒ̄ʝ dʑ̄ dʑ̄s
dʑ̄ɖʕʘʕɖdʒʜtɕ̄dzɢ̂ɖdʒ dʒ̄ʝ lstsʜtsdʒ ɖfɲ̄ɲ̄ɠdʑ̄ ʜtsɘʘdʑ̄ɖʷè (ɺ ʝ ʔʜʝ dʑ̄ɢ̂ʘʔ dʑ̄, 1881, fɲ̄79).
ʇ tɕ̄tsʜtsdzʞ ʘʷ dʒʳ fɲ̄ɠdʑ̄ fɲ̄ʙtsʝ ɢ̂ts lzɥɖlsʝ dzʷ ɺ ʝ ʔʜʝ dʑ̄ɢ̂ʘʔ dʑ̄ʘ, ʀ . ʇ . ʇ ʘɘdʑ̄sɘ ɢ̂tsɘtstɕ̄ɖdʑ̄. çɺ ɖʧ dʑ̄sʟ fɲ̄ʧtsfɲ̄sʙʝ dʑ̄
ɘtsʟʜɘɖɢ̂dʑ̄lzlsᶦ ɘ dʒ̄sʟɢ̂lz ɥ̄ dʑ̄sɘʝ ʕʘlslz "ʙʘʱ dʑ̄ dʒ̄sdzɥ̄ʘdʑ̄ɖʷ", ʙʝ ʟ ʕtslststɕ̄tsʔ dʑ̄ dʒʳ fɲ̄ɠdʑ̄ɖdʒ̄s ʧ tɕ̄ʝ ʜfɲ̄sʘɘɖlsᶦ
fɲ̄ʝ ʙʝ dʑ̄ʘʧ tɕ̄ʘɘdʑ̄ dʑ̄dʑ̄lzʶ ɖʟtsdzʷɥɖʶ ɖ tɕ̄ʘʟdʑ̄sʞʝ dʑ̄ɖʝ ʧ fɲ̄ɠ∫̄ɖɥ̄ fɲ̄ʃɖ⩍ ʬlzdʑ̄ʕɥɖʔ dʑ̄ʘʙtsdʑ̄ʝ ɺ dʑ̄ dʒ̄ʝ dʑ̄sʘtɕ̄dʑ̄ʳ ʝ ɖ
fɲ̄ʘdʒ̄sfɲ̄stsʷlsʝ dʑ̄ dʑ̄ʳ ʝ ʝ ʜɖdʑ̄ɖɥʳ , dʒ̄sɢ̂lzʱ ɖʝ fɲ̄ʜʝ dʑ̄ʘlsᶦ fɲ̄ʷ tsʙʲ ʝ ʕlstsdʒʧtsɺ lsʘʧ dʑ̄sɢ̂ts ɖ ʧtsfɲ̄ɠdʑ̄ ʜtsɘʘsʝ dʑ̄ dʑ̄sɢ̂ts
tsfɲ̄ʙtsʝ dʑ̄ɖʷ. ɺ dʑ̄ʘfɲ̄stsʷʱ ʝ ʝ ɘtɕ̄ʝ dʒʷ lstɕ̄dzʜdʑ̄s ʧ tɕ̄ʝ ʜfɲ̄sʘɘɖlsᶦ fɲ̄ʝ ʙʝ ɥ̄lsts-dʑ̄ɖʙlzʜᶦ ɖdʑ̄sʝ, ʕtɕ̄tsdʒ̄ʝ
fɲ̄sdʒdʑ̄ʘdʒ̄ʙlzdʑ̄ɖɥ̄ fɲ̄ʃtsʔ fɲ̄sʘʜɖɖ ɢ̂ɖʧ dʑ̄sʟʘ, ɥ̄lsts dʒ̄sɢ̂dʑ̄s ʙʳ ʧtsʟɘtsdʑ̄ɖlsᶦ, lzʧ tɕ̄tsfɲ̄sɖɘ ɥ̄ dʑ̄sɘʝ ɥ̄ fɲ̄ʃ lzʶ dʒʳ fɲ̄ɠdʑ̄,
tɕ̄ʘʟdʑ̄sʞ ɖlsᶦ ʝ ʝ dʑ̄ʘfɲ̄sfɲ̄sʘɘdʑ̄ ʝ ɺ dʑ̄ dʒ̄ʝ dʑ̄sʳ ɘ ʬtstɕ̄dʒ̄ʝ lzʧ tɕ̄ʘɘdzʷʝ dʒ̄sɢ̂ts ɖ ʧtsʜɥɖdzʷʝ dʒ̄sɢ̂ts dʑ̄ʘlzɥ̄dʑ̄s-
ɖfɲ̄ɲ̄ɠdʑ̄ ʜtsɘʘsʝ dʑ̄ fɲ̄ʃɖdʒʟʘʜʘɥ̄ʘdʒɺ lstsɢ̂ts fɲ̄ɠdʑ̄sʞ dʑ̄ʔʱ ʝ ɢ̂ts ʷɘdʑ̄ dʑ̄ɖʷ ʧ tɕ̄ɖtɕ̄tsʜʳ è.
çʇ tsfɲ̄tɕ̄ʝ ʜfɲ̄sɘtsdʒɢ̂ɖʧ dʑ̄slsɖɥ̄ fɲ̄ʃtsɢ̂ts ɘdʑ̄lzʱ ʝ dʑ̄ɖʷ,ð ɢ̂tsɘtstɕ̄ɖdʑ̄.ɺ tsdʑ̄ɖ,ð dʒ̄sʞ dʑ̄s ʧ tɕ̄tsɖʟɘtsʜɖlsᶦ dʑ̄ʘfɲ̄stsʷʱ lzʶ
"ɘɖɘɖfɲ̄ʝ ʕɥɖʶ ʜlzʱ ɖ", dʒ̄sʞ dʑ̄s dʑ̄ʘʙdʑ̄ ʜʘsᶦ tslsʧ tɕ̄ʘɘdʑ̄ dʑ̄ɖʷ ʜlzʱ ʝ ɘdʑ̄sɢ̂ts dʒ̄ʝ ⩍ʘdʑ̄ɖʟdʒʘɖ ʜʘʞʝ ʟʘfɲ̄sʘɘdzʷlsᶦ
ɺ lstsls dʒ̄ʝ ⩍ʘdʑ̄ɖʟdʒʜʝ ʔfɲ̄sɘtsɘʘsᶦ ʧ ʝ tɕ̄ʝ ʜ fɲ̄ʙtsɖdʒɖ ɢ̂dʑ̄ʘʟʘdʒ̄ɖ, ʧtsʜtsʙdʑ̄s lstsdʒ̄lz ʕʘʕ ʬɖʟɖtsdʑ̄sɢ̂ dʑ̄ʘʙdʑ̄ ʜʘʝ ls ɖ
ʟʘfɲ̄sʘɘdzʷʝ ls ʜʝ ʔfɲ̄sɘtsɘʘsᶦ ʧ ʝ tɕ̄ʝ ʜ fɲ̄ʙtsɖdʒɖ ɢ̂dʑ̄ʘʟʘdʒ̄ɖ lsʝ dʑ̄ fɲ̄ɠdʑ̄ ʔ dʒ̄ʝ ⩍ʘdʑ̄ɖʟdʒ ....ɺ fɲ̄ʘdʒ̄sdʒʜʝ dʑ̄, ɢ̂ɖʧ dʑ̄sʟ
ʷɘdzʷʝ lsfɲ̄ʷ dʑ̄ʘfɲ̄stsʷʱ ɖdʒ dʒ̄ʝ lstsʜtsdʒɺ ʕfɲ̄ʧʝ tɕ̄ɖdʒ̄ʝ dʑ̄sʘdʑ̄ dʑ̄sʔ ʧ fɲ̄ɠ∫̄tsdʑ̄sɢ̂ɖɖ, tsdʑ̄ʙlzʜʝ ls ɖdʒ̄ʝ lsᶦ ʜdzʷ
ʧ fɲ̄ɠ∫̄tsdʑ̄sɢ̂ɖɖ lsts ʞ ʝ ʟdʑ̄ʘɥ̄ dʑ̄ɖʝ, ʕʘʕtsʝ ɘɖɘɖfɲ̄ʝ ʕɥɖʷ ɖdʒ̄ʝ ʝ ls ʜdzʷ ʬɖʟɖtsdʑ̄sɢ̂ɖɖè (ɺ tsdʑ̄ɖ, 1888, fɲ̄55ð 56).
ʆ fɲ̄ʃʘtɕ̄ʌ tsɢ̂ls, lzɥ̄ dʑ̄ɖʕ ʧ tɕ̄tsʬʝ fɲ̄ɲ̄tstɕ̄ʘʌ tstɕ̄ʝ dzʷ, fɲ̄ʧ tɕ̄ʘɘʝ ʜdʑ̄ɖɘts dʑ̄ʘʟʳ ɘʘʝ ls ɢ̂ɖʧ dʑ̄sfɲ̄sdʒdʑ̄ʘdʒ̄ʙlzdʑ̄ɖʟdʒ
çdʒɖʕtɕ̄tsfɲ̄ʃtsʧtsdʒʜlzʱ ɖè, ʧtsfɲ̄ʃtsdʑ̄ ʕlz fɲ̄ʧtsdʒ̄sʱ ᶦ ʶ fɲ̄sdʒdʑ̄ʘdʒ̄ʙlzdʑ̄ɖʟdʒʘdʑ̄ fɲ̄sfɲ̄sʘɘdzʷʝ ls lstɕ̄dzʜʘ
ʙʝ fɲ̄ʧ tɕ̄ʝ ʧʷlsfɲ̄sɘʝ dʑ̄dʑ̄s ʧ tɕ̄tsdʑ̄ɖʕʘsᶦ ɘ tsʙdʑ̄ʘfɲ̄sᶦ ʙʝ fɲ̄ɲ̄sʟdʑ̄ʘsʝ dʑ̄ dʑ̄sɢ̂ts ɘʳ fɲ̄sʕtsʟdʑ̄ʘɥ̄ɖdʒ̄sɢ̂ts ɖ ɘʳ ʷɘdzʷlsᶦ
ʧtsʜdʑ̄ɖdʑ̄dʑ̄ʳ ʝ dʒ̄slsɖɘʘɥ̄ɖtsdʑ̄dʑ̄ʳ ʝ lsʝ dʑ̄ʜʝ dʑ̄ɥ̄ɖɖ, ɥ̄ dʑ̄dʑ̄sfɲ̄sdʑ̄lzʶ tstɕ̄ɖʝ dʑ̄sʘɥ̄ɖʶ , ʕtslststɕ̄ʳ ʝ ɘ ʙtsʜtɕ̄fɲ̄sɘlzʶ ʱ ʝ dʒ
fɲ̄sfɲ̄stsʷdʑ̄ɖɖ
* ʆ ʧ ʝ tɕ̄ʘɥɖʷ ʧts tɕ̄ʘfɲ̄ɲ̄ʝ ɥ̄ dʑ̄ɖʶ ʘfɲ̄ɲ̄sɥɖʘsɖɘdʑ̄ ⩍ ʧ tɕ̄tsɘtsʜʷʱ ɖ⩍ ʧ lzlsʝ ʔ ɢ̂tsdʑ̄sɘdʑ̄sɢ̂ts dʒ̄sʟɢ̂ʘ.

ʄ ꞁ꞊ʘꞁdzʐ ʦʡʬ ʝ ls

fŋ§ʨ ls ʦls fŋʘʤʦʡ ʣʗʮʣʦfŋʂꞁ. ç˩ ꞁʧʣʦʟ fŋʂʘʣʦɘꞁlsfŋ ʜʨʘɢʦʮʝ ʣʣ ʤ ʤ ꞁfŋʮʝ ʨʧʘʝ ʤ ʤꞁfŋʂʦʮʣʗʡʦʤ ꞁfŋfŋʤʝ ʜʦɘʘʣʗʡ ʡʘʡ ʜʣ ʬ ꞁʟꞁʦʣʦɢʘꞁ ʧfŋꞁ꞊ʦʣʦɢʘ lsʘʡ ꞁ ʜʣ ɘʨʘʮʘè (ʐ ʘʨʡʦ, 1881).

ʀ fŋʧʦʣ ʟʦɘʘʣʗʝ ʐʣʗʡʘʣ ʣ ꞊ ɘʦʟʤʦʞ ʣʦfŋʂʝ ʡ ɢꞁʧʣʦfŋʦʤ-ʣʘʤʙʐʣʗʟʤʘʧʦʟɘʦʣʗꞁʣʦ ɢʨʣʧʧʝ
ʧfŋꞁ꞊ʦʣʦɢʦɘ ʄ ˩ ʊ ʨʘʟʨʘʙʦlsʘls ʣʦɘʐ ʤʝ lsʦʜꞁʡʐ ꞁʟʐʮʝ ʣʗʬ ʣʗʮʣʦfŋʂꞁ ð ʂ ɟ ɭ . ɭ ɘʝ ʜʝ ʣʗʝ
ʤʝ lsʦʜꞁʡꞁ ʡʦfŋʝ ʣʣ ꞊ ʧʦfŋʂɢꞁʧʣʦlsꞁʮʝ fŋ§ꞁ꞊ ɘʣʐʰ ʝ ʣʗʡ ʧʦʟɘʦʣʗꞁʣʦ ꞁfŋfŋʤʝ ʜʦɘʘʂʝ ʣʬ ʤ ʧʨʦʣʗʡʣʐls ɘ
lsʨʐʜʣʦʜʦfŋʂʐʧʣ ʡ ʤꞁʨ fŋʤ fŋʣʦɘʳ ꞊ ʜʝ lsʝ ʨʤꞁʣʘʣʦ ʧʦɘʝ ʜʝ ʣʗʷ. çʄ ʝ lsʦʜꞁʡʘʂ ɟ ɭ ,ð ʧꞁʰ ʐls ʘlsʦʦʨ ,
ð ʧʦʟɘʦʣʬ ʝ ls ʦʧʨʝ ʜʝ ʣʬ ls ʣʗʮʣʦfŋʂʣʐ ʟʣʘʮꞁʤʦfŋʂ ʧʨʘʡlsꞁʮʝ fŋ§ꞁ ʣ ʙʦɢʦ ꞁʟ fŋʤ fŋʣʦɘʳ ꞊
ʦʙʨʘʟʦɘʘʣʗʡ, ʙʐʜ lsʦ ʐfŋʂʘʣʦɘʡꞁ, ʤʦlsꞁɘʳ , ʮʝ ʣʣʦfŋʂꞁ, ʮʝ ʣʗ, ʤʦʮꞁʦʣʘʣ ʣ ʝ ʧʝ ʨʝ ʞ ꞁɘʘʣʗʷ. ʊʝ ʤ
fŋʘʤ ʤ fŋʂʘʣʦɘꞁlsfŋ ɘʦʟʤʦʞ ʣ ʤʟʦʣʜꞁʨʦɘʘʣʗʝ ɢʣʐʙꞁʣʣ ꞊ ʧʣʘfŋʂʦɘ ʣʗʮʣʦfŋʂꞁ, ʡʦlsʦʨ ʝ fŋ
ʙʦʣ ʰ ꞁʤlsʨʐʜʦʤʧʦʜʜʘ lsfŋ ʦʙ ʝ ʡlsꞁɘʣʦʤʐ ʣʘʐʮʣʦʤʐ ʘʣʘʣʗʟʐè (ʅ ɘʮꞁʣʗʣʗʡʦɘʘ ʅ ʘfŋꞁʣʦɘ-fŋ§ʘʷ,
ʀ lsʡꞁʣ, 1989, fŋ 214).

ʉ ʐʱ ʝ fŋʂɘʐʝ ls ʤʤʝ ʣʗʝ , ʮlsʦ fŋʐʜ ʙʘʧʨʘʘꞁʣ ʣʦ ꞁ ʣʘꞁʙʦʤʝ ʝ ʧʦʣʣʦ ʦfŋʐʱ ʝ fŋʂɘʣʬ ʝ lsfŋ lsʦʣ ʡʦ lsʦɢʜʘ
ʡʦɢʜʘʮʝ ʣʦɘʝ ʡ ʧʨꞁfŋʣʐʰ ꞁɘʘʝ lsfŋ ʡ ɘʣʐlsʨʝ ʣʝ ʣʐ ɢʦʣʦfŋʐ (ʧʦʜfŋʂʟʣʘʣʗꞁʁ) ꞁ fŋʤʝ ʜʐʝ ls ʝ ʣʐ. ʂ ʘʡ ʞ ʝ
ʟʘfŋʂʘꞁlsɪ ʟɘʐʮʘlsɪ ˩ lsʦls ɢʦʣʦfŋʡ ɟ ʦɢʨʣʐʟꞁlsɪ fŋʷ ɘ ɢꞁʧʣʦfŋʦʤʣʘʤʙʐʣʗʮʝ fŋ§ʦʝ fŋʂfŋʂʦʷ ʣʗʝ ꞁ ʧʨꞁʡʘʟʘlsɪ
ʝ ʣʐ: ç˩ ɘʐʮꞁ!è

ɸ ɘlsʦʤʘlsꞁʮʝ fŋ§ʦʝ ʧꞁfŋ ʤʦ

ʀ ʧʧʦʣʗls ʊ˩ ʣɘ ʧʨʝ ʜꞁfŋʣʦɘꞁꞁ ʡ fŋʙʦʝ ʤʐ fŋʂʮꞁʤʝ ʣʗʁ çʅ ʙ ʐʤʝ ꞁ ʧʦʟʣʘʣʗꞁè ʐʡʘʟʳ ɘʘʝ ls ʣʘ
ʘlsʦʤʘlsꞁʮʝ fŋ§ʦʝ ʧꞁfŋ ʤʦ: çʏ ʝ ʤ fŋʂʨʘʣʗʤʝ ʡʘʡʦʡ-ʣʗʙʦ ʬ ʘʡls, lsʝ ʤʦʣʐʧʦʐʮꞁlsʝ ʣ ʤʝ . ɭ ˩ lsʦʤ
ʦlsʣʦʰ ʝ ʣʗꞁ ʜʘʞ ʝ fŋʧꞁʨꞁlsꞁʮʝ fŋ§ꞁʝ ʷɘʤʝ ʣʗʷ ɘʝ ʜʐls ʣʘfŋʡ ʦlsʡʨ lsꞁʷʤ ʦʙʣʘʨʐʞ ꞁɘʘʷ fŋʐʱ ʝ fŋʂɘʦɘʘʣʗʝ
ɘ ʦʜʣʦʤꞁʣʜꞁɘꞁʜʝ ʜɘʐ꞊ fŋʂʟʜʘʣʗʡ, ʜɘʐ꞊ ɘʦʣ , ʜɘʐ꞊ ʨʘʟʣʗʮʣʦ ʜʝ ʡ fŋʂɘʐʁ ʱ ꞁ꞊ ʣʘʮʘʣ, ʦʜʣʦ ꞁʟ ʣʗ꞊
fŋʐʙʲ ʝ ʡls fŋʂʟʣʘʝ ls, ʜʨʣɢʦʝ ʤ ls ꞁ ʧʨꞁʧꞁfŋ ɘʘʝ ls ʝ ɢʦ ʤ ɘꞁʜꞁʤ ʤ fŋʐʱ ʝ fŋʂɘʘʤ.. ɼ fŋʂɪ ʣ ʜꞁ, ʡʦlsʦʨ ʝ
ɘʦ ɘʨʝ ʤʷ ʨʘʟɢʦɘʦʨʘꞁʣʗ ʧʝ ʣʗʷ ʧꞁʰ ʐls, ʤ ɢʣʷʜʷ ʣʘʙʐʤʘɢʐ, fŋʂʷʟʣ ʝ ʬ ʨʘʟʳ ꞁ ʜʘʞ ʝ ʮʝ ʣ ʝ
fŋʂʨʘʣʗʮʳ , fŋʂɘʝ ʨʰ ʝ ʣʗʣʦ ʤ fŋʂʟʣʘʂʘʷ lsʦɢʦ, ʮlsʦ ʣʘʧꞁfŋʘʣʗ. ɟ ʦ ʤʦʝ ʤʐ ʤʤʝ ʣʗʁ , ꞁ꞊ ꞁfŋ§ʨʝ ʣʗʣʦfŋʂɪ
ɘʤ ɘfŋʷʡʦɢʦ fŋʂʤʤ-

ʃ ɖ⊐Ⱦɖɔzʐ tsɂʷʲls

ʧtɐɔɖɠtslstsəɖʲɖɐʑsɂ нɖzʷ ɻlstsɂ ɥjɖɐɔɖ ʧɖɐ·ʑʑʰ ʲlsʢj*, ʢⱾʢ ʲ fɳɥɐɔɖ вʳ ʲʁ нəɔɖ-ɠⱾɐ·ⱾʢⱾⱾOʷ-lstsəɖʲʰ ɖzʷʷ fɳɖɔɖⱾ. ɹəɔɖнlz lstsɠtsɥlstsɖɐⱾʧɔɖfɳⱾɐɥɐʑsʲ вlzнjls tslstɐ·ⱾɻⱾⱾʲ ʧtɐtsвɖʲɖʒʳ lⱾ·ɠɔɖʧɖɐslsɔɖlɔɖtɐtsəⱾɐɥɐʑsɠtsɔɖ вlzнʲls

lⱾʰ ɔɖʷʷtɐ0. əⱾɐɥɐs, ʲɖʒz ɖʲʲtsв⊐tsнɔɖɔʒs lstɐʲɖɐɔɖtɐtsəⱾɐʲ fɳʸ ə ɔɖfɳjstsɖⱾtsəⱾɐɥɐɔɖɔ ɖⱾʧɔɖfɳⱾɐɥɐʑsɠtsɔ. ɾ Ȿɐɥʲʲ нjɖⱾʲ lsfɳʸ əɖɐzʰ jɖɐɔʲ, ɥjlstsɔ ɖʲʲ ⊐tsнʷ ɔɖlɠɠɔɖʧɖɐslⱾ·ɔ tsɖzɻfɳɥʒsɻjls tslsⱾtɐʳ lsʲ ɠɖⱾ·lⱾ·ʧtɐtsɥʲʲ fɳjs ʲ ɔ ɖfɳjstsɖⱾtsəⱾɐɥɐɔɖɔ ɖⱾʧɔɖfɳⱾɐɥɐʑsɠtsɔ. ɾ Ȿɐɥʲʲ нjɖⱾʲ lsfɳʸ əɖɐzʰ jɖɐɔʲ, ɥjlstsɔ ɖʲʲ ⊐tsнʷ ɔɖlɠɠɔɖʧɖɐslⱾ·ɔ tsɖzɻfɳɥʒsɻjls tslsⱾtɐʳ lsʲ ɠɖⱾ·lⱾ·ʧtɐtsɥʲʲ fɳjs ʲ ɔ ɖfɳjstsɖⱾtsə

22 ʤʤdʑO·ʧtɐO·ɘtsʔ tɐdzʕȷ, O·dʑO·ʤɘtsʔ ð 30 ʤʤ ʊ ʟʜtstɐtsɘʳ ⫟ ˦ lsɖ ɥɖʬ tɐʳ ʕtsʤʙdẕ lsfŋʷ ʤ ʞ ʜlz 25 ɖ 35 ʤʤ ʆ ʕO·ʟO·ʤsfŋ, ɥlsts lz ʃ ʶ fŋʆ ɖʤȷ ȷ lsfŋʷ lstsdʑtsȷ tsʱ lzʱ ȷ dʑʆȷ.

ʃ ʶ fŋʆ ɘɖʜɖls ʤɘʳ ʤɢ́dʑO·ʟtsʤ ⫟tslsʷ ʤ ʧtsʜtsʟtɐȷ ɘO·ȷ ls ˦ lstsɢ́ts, lsts ȷ fŋO·ʤsȷ ʧtɐtsɖfŋ⫟tsʜɖls, ʕtsɢ́ʜO·tsdʑO· ʜlzʤO·ȷ ls, ɥlsts dʑʆɥȷ ɢ́ts ʤ tsʱ lzʱ O·ȷ ls. ʆ ʧʳ lsʳ ɟ ᴊ ȷ tɐO·ɾ O·ʤ ʧtsʕO·ʟO·dʑʆ, ɥlsts ȷ fŋlsᴵ ʤdʑsɢ́ts fŋdʑsʞ dẕ ⫟ ʙȷ fŋʧsʟdʑO·lsȷ dẕ dẕ ⫟ ʜȷ ʔ fŋlsɘɖʔ, ʕtslststɐʳ ȷ ɥȷ dʑsɘȷ ʕ tɐO·ʟlzʤdʑs ɘʳ ʧtsdʑdẕʷ ȷ ls, ʤ ʧtsʜtsʟtɐȷ ɘO·ʷ ˦ lstsɢ́ts; lststɥdʑs lsO·ʕ ʞ ȷ ȷ fŋlsᴵ ʤdʑsɢ́ts tsʱ lzʱ ȷ dʑʆʔ, ʕtslststɐʳ ȷ tsdẕʤsʞ ȷ ls ɖfŋʧʳ lsʳ ɘO·lsᴵ, ɘfŋʧtsʤɖdʑO·lsᴵ ɖ ʧts ʧtsɘtsʜlz ʕtslststɐʳ ⫟ ʤsʞ ȷ ls tɐO·fŋlzʞ ʜO·lsᴵ, fŋsɘȷ tɐʰ ȷ dʑdʑs ʤ fŋsʟdʑO·ɘO·ʷ ˦ lstsɢ́ts.

ʕ lsɖ tsʧʳ lsʳ dʑO·ɘȷ dʑʆ ɾ O·ʤ dʑO·ʤʳ fŋdẕ, ɥlsts çɘ ʜȷ ʔ fŋlsɘɖlsȷ dẕ dʑsfŋlsɖ ʤʳ dʑʆʕtsɢ́ʜO·ʤ ʧtɐtsdʑʆʕO·ȷ ʤɘ fŋsʟdʑO·dʑʆȷ ʜtɐdzɢ́tsɢ́ts dʑʆɥO·, O·tsɥȷ dʑʆɘO·ȷ ʤȷ ɢ́ts dʑʆʰ ᴊ ʧts ɘʤʰ dʑʆʤʧtɐtsʷɘʤ dʑʆʷʤ ɽ fŋdʑʆ ʷ ɘȷ tɐʶ ʃ ʶ fŋʆ, ʕtsɢ́ʜO·tsdʑO·ʟO·ʷɘdẕʷȷ ls, ɥlsts dʑʆɥȷ ɢ́ts ʤ ɥlzɘfŋlsɘlzȷ ls, lsts ʧtsɥȷ ʤlz ʞ ȷ ʷ ʤ ʜtsdzʞ ȷ dẕɘȷ tɐɖlsᴵ ȷ ȷ O·ɘlstsʤO·lsɖɥȷ fŋ̄tsʤlz ʧɖfŋʤlz, ʕtslststɐtsȷ lzlsɘȷ tɐʞ ʜO·ȷ ls, ɥlsts tsdʑO·ɘfŋ ʞ ȷ ɥlzɘfŋlsɘlzȷ ls? ɟ ɖfŋʤs ˦ lsts lsO·ʕ ʞ ȷ fŋdʑsʞ dʑs, ʕO·ʕ ɖ fŋdʑsɘO·. ʂ tsɢ́ʜO·O·ɘlstsʤO·lsɖɥȷ fŋ̄ɖȷ ʧɖfŋʤ dʑdẕ ȷ tslsɘȷ lsʳ fŋstslsɘȷ lsfŋlsɘlzʶ ls ɘtsʧtɐtsfŋO·ʤ lsts ɘ ˦ lstsʤlsO·ʕʞ ȷ ʧtɐtsʷɘdẕʷʶ lsfŋʷ tɐO·ʟlzʤɖ fŋsʟdʑO·dʑʆȷ, ɖ ʷ ʤ ɘɖʞ lz tsfŋdʑsɘO·dʑʆʔ ʜtsɘȷ tɐʷlsᴵ tsʜdʑʆʤ ʧtɐtsʷɘʤ dʑʆʷʤɖ ʤ ʜtsɘȷ tɐʷlsᴵ ʜtɐdzɢ́ɖʤè (ɾ O·ʤ, 1913, fŋ281).

ɟ ᴊ ȷ tɐɾ O·ʤ ɘdʑlzʰ O·ȷ ls ʃ ʶ fŋʆ ɘ ɢ́ɖʧdʑsfŋsʤdʑO·ʤʙlzdʑʆʟʤ, ɥlsts tsdʑO·ʤO·ʤ dẕ ʕɖʔ fŋʤɖʤ lsdʑʆʔ ʤO·dẕ ɥɖʕ ɾ tsʟȷ ʬ, ɖ ʟO·lsȷ ʤ ʤ lzdʑʆɥlstsʞ O·ʷ ɢ́O·dʑdẕ ɥɖdʑO·ɥɖʔ, fŋtɐO·ʟlz ʜȷ ɢ́ɖʧdʑslsɖʟɖtɐdzȷ ls ȷ ȷ. ɟ tsfŋʤ çʧtɐtsʙlzʞ ʜȷ dʑʆʷè ʃ ʶ fŋʆ ɘfŋ ʟO·ʙʳ ɘO·ȷ ls, ɖ ʕO·ʞ ȷ lsfŋʷ, ɥlsts tsdʑO·ɘ fŋɘtsȷ ʤtsʙʳ ɥdʑsʤ fŋsfŋlstsʷdʑʆɖ. ʆ ʜdʑO·ʕts ʕtsɢ́ʜO·ɥȷ tɐȷ ʟ ʤ ʕtslststɐtsȷ ɘtɐȷ ʤʷ ɾ O·ʤ ɘʕdʑO·ʜʳ ɘO·ȷ ls ȷ ʔ ɘ tɐdzʕɖ ʕO·tɐO·dʑʜO·ʰ ɖ tslsɘʤ ʕO·ȷ ls ȷ ȷ ɘdʑʆʤO·dʑʆȷ tɐO·ʟɢ́tsɘtstɐtsʤts ʧtsfŋlststɐtsdʑdʑʆ⫟ ɘȷ ʱ O·⫟, tɐdzʕO·ʤ ʜʤ dʑdʑs ɖ fŋlstɐdzʜtsʤʧɖʰ ȷ ls, ʧtɐɖɥȷ ʤ fŋO·ʤO·ʃ ʶ fŋʆ ʤ ʟO·ʤ ɥO·ȷ ls ˦ lstsɢ́ts. ʂ tsɢ́ʜO·tsdʑO·ʟO·ʕtsdʑɥɖdʑO·ʧɖfŋO·lsᴵ, ɾ O·ʤ ʙȷ tɐȷ ls lz ʤȷ ʙlzʤO·ɢ́lz ɖ ɥɖlsO·ȷ ls: çɽ tstɐtsɢ́tsʔ ʜȷ ʜlzʰ ʕO· ʧts fŋdʑlzɥO·ʶ l tsɘtsɢ́ts ɢ́tsʜO·ʞ ȷ dʑO·ʶ lsȷ ʙȷ ʜtsʙtɐtsɢ́ts ʟʜtstɐtsɘᴵ ʷ ɖ tsʙȷ ʱ O·ʶ lsȷ ʙȷ ʙʳ lsᴵ ʧtsfŋdʑlzʰ dẕ ʤʤO·dẕ ɥɖʕtsʤ lsɘtsʔ ɘdʑlzʕ ɾ tsʟȷ ʬè. ɾ O·ʤ ɢ́tsɘtstɐɖls, ɥlsts ɘ ˦ lsts ɘtɐȷ ʤʷ ʤ ʙʳ dʑs l tsɘtsɢ́ts ɢ́tsʜO·ɖ tsdẕʤ ʧtsdʑʆʤO·ȷ ls, ʧtsɥȷ ʤlz tsdʑO·˦ lsts dʑO·ʧɖfŋO·dʑO· ʆ dẕʧtɐȷ ʜʧtsdʑO·ɢ́O·ȷ ls, ɥlsts, ʙʳ lsᴵ ʤsʞ ȷ ls, ʧɖfŋʤs fŋʤɖʤ lsʤ ɢ́ts tɐȷ ʙȷ dʑʕO·ʧtɐtsʙlzʜɖdʑs ɘ ȷ ȷ fŋsʟdʑO·dʑʆɖ ɖʜȷ ʶ ts dʑsɘtsɢ́tsʜdʑʆ⫟ ʧtsʞ ȷ dʑO·dʑʆʷ⫟ ɖ ˦ lsts ɢ́tsɘtstɐɖls ts lstsʤ ɥlsts ɢ́O·dʑdẕ ɥɖdʑO·ɥɖɖ fŋs⫟tɐO·dẕʷʶ lsfŋʷ lz ɘlststɐtsʔ, ʧtsʜfŋsʟdʑO·lsȷ dẕ dʑsʔ, dʑʆɥdʑsfŋlsɖ.

ɟ ʜtɐdzɢ́tsʤtsʧʳ lsȷ ɾ O·ʤ ʧtsɢ́tɐdzʟɖdzȷ ȷ ɘ ɢ́ɖʧdʑsfŋsʤdʑO·ʤʙlzdʑʆʟʤɖ. ʧtsʤdẕʷ ts ȷ ȷ dʑO·ɥɖlsO·dʑdʑsfŋlsɖ, ʧtɐȷ ɘtɐO·lsɖdzɘ ɸ ɢ́ʤ fŋlz ʆ tsdẕ ȷ tɐO· ʆ dẕʟO·fŋlsO·ɘɖdzȷ ȷ ɖʟtsʙtɐO·ʞ O·lsᴵ dʑO·ʆɘdʑlzʶ ʧtɐtsfŋlslzʰ ʕlz, dʑs ʧtɐȷ ʞ ʜȷ

[illegible] (Dessoir, 1867– 1947), [illegible] (Dessoir, 1911).

ʄ ɋ꞊ʘɋdzʐ˛ tsʡʬ ȷ ls

ɢʘʜʳ ɘʘdʑɋfɲ, ɥlsts ɋfɲʧʳ lsʫȷ ʤʳ ʡ ʧtɕɋ ɘfɲ꞊ ʟʘʧtɕ ʱ ʘʳ ʱ ɋ꞊ ɘdʑʫʰ ȷ dʑɋʷ꞊ ɘfɲ ɢʜʘfɲdʑ ʰ ɋls ɋ ɘɋʜɋls, dʑs ˩ lstsɢts dʑ tsfɲsʟdʑʘȷ ls. ʊts ȷ fɲsᴵ ɘʳ ʟɘʘdʑdʑ ȷ ɘdʑʫʰ ȷ dʑɋȷ ʤ fɲdʑ ʧtslsʘ, ɢdʑʫ꞊tslsʘɋ ʙȷ fɲʫɘfɲsɘȷ dʑdʑsfɲsᴵ dʑsfɲʷls ɥɋfɲsts ʧfɲɋ꞊ɋɥ fɲʡɋʡ ꞊ʘtɕʘʡlsȷ tɕ, lsʘʡ ʡʘʡ fɲtstslsɘȷ lsfɲsɘʫʶ ʱ ɋȷ tstɕɢʘdʑ ʧtɕtsʜtsdʑʘʳ ls ʬ ʫdʑ ɥɋtsdʑɋtɕtsɘʘlsᴵ, dʑs ɋdʑʬ tstɕʤʘɥɋʷ tsls dʑɋ꞊ dʑ ʜts꞊tsʜɋls ʜts fɲtsʟdʑʘdʑɋʷ.

ɼ tsʡlststɕ ʌ tɕȷ ʡʜ ɢtsɘtstɕɋls, ɥlsts ɘʳ fɲʡʘʟʘlsᴵ ʧtsʜtsʙdʑsȷ ʧtsdʑtsʞ ȷ dʑɋȷ tslsdʑ ʜᴵ dʑ ʟdʑʘɥɋls fɲtɕʘʟʫ ʟʘtsȷ ɘʘlsᴵ fɲɋdʒʧʘlsɋɋ fɲdʑʫʰ ʘlsȷ dʑʡ ɋ ɥɋlsʘlsȷ dʑʡ. ʃ dʑʜʘʞȷ fɲɥɋlsʘȷ ls, ɥlsts lsʘʡtsȷ ʧtɕȷ ʜʧtsdʑtsʞ ȷ dʑɋȷ dʒtsʞ ȷ ls fɲɋdʑ dʑs ʧtsʜtstɕɘʘlsᴵ ʜtsɘȷ tɕɋȷ ʡ ȷ ɢts ʫɥȷ dʑɋʶ . ɺ ȷ ʜᴵ dʑ tsɥȷ dʑ -lsts dʑʘʫɥdʑs ʟɘʫɥɋls: ç...ɘ ʜʫʰ ȷ ɥȷ dʑtsɘȷ ʡʘdʒsɢʫls ʧtɕtsɋfɲ꞊tsʜɋlsᴵ ʷɘdʑ dʑɋʷ, ɘ fɲʫʱ dʑsfɲsɋ, ȷ dʒʫ ɋʟɘȷ fɲsdʑ ȷ, ꞊tslsʷ tsdʑdʒtsʞ ȷ ls dʑɋɥȷ ɢts dʑ ʟdʑʘlsᴵ ts dʑɋ꞊...è (ʌ tɕȷ ʡʜ, 1989, fɲ 105).

ʄ ȷ lstsʜɋʡʘʧtsfɲsɢɋʧ dʑslsɋɥȷ fɲʡɋ꞊ dʑ ɢʘlsɋɘdʑ ꞊ ɢʘdʑdʑ ɥɋdʑʘɥɋʡ fɲtsʟʜʘȷ ls ʙdʑʘɢtsʧ tɕɋʷlsdʑ ȷ ʫfɲdʑtsɘɋʷ ʜdʑʷ tsʧ tɕȷ ʜȷ dʑ dʑɋʷ ɘtsʟdʒtsʞ dʑsfɲsȷ ʡ, ʡtslststɕʳ dʒɋ dʑ tsfɲtsʟdʑʘʘȷ dʒʘʷ ʧfɲɋ꞊ɋɥȷ fɲʡʘʷ ʜȷ ʷlsȷ dʑ dʑsfɲsᴵ tɕʘfɲʧ tsdʑʘɢʘȷ ls ɘ ʧfɲɋ꞊tsdʑsɢɋɥȷ fɲʡtsdʒ ˩ ʡfɲʧȷ tɕɋdʒȷ dʑsȷ . ɺ lsɋʧɋɥdʑ ꞊ ˩ ʡfɲʧȷ tɕɋdʒȷ dʑsʘ꞊ ʧtsʷɘdʑʷȷ lsfɲʷ ɘtsʟdʒtsʞ dʑsfɲsᴵ ɋfɲfɲdʑ ʜtsɘʘlsᴵ dʒdʑsʞ ȷ fɲsɘts tsʧȷ tɕʘɥɋʡ (dʒʘlsȷ dʒʘlsɋɥȷ fɲʡɋ꞊, dʑsɢɋɥȷ fɲʡɋ꞊), ʘlsʘʡʞ ȷ ʧtɕtsfɲdʑ ʜɋlsᴵ ʙtsdʑ ȷ fɲdʑtsʞ dʑ ȷ ʧtɕtsɥȷ fɲfɲ ɘʳ dʑ fɲdʑɋʷ tɕȷ ʰ ȷ dʑɋʡ, tɕȷ ʘdʑɋʟʘɥɋʷ ʡtslststɕʳ ꞊ dʒtsʞ ȷ ls tsfɲʫʱ ȷ fɲsɘdʑʷlsᴵ fɲʷ ʙȷ ʟ ʘʡlsɋɘdʑsɢts tsfɲtsʟdʑʘdʑɋʷ fɲʫʙʲ ȷ ʡlstsdʒ ʅ ȷ lstɕʫʜdʑs ʧtsdʑʷlsᴵ, ʡʘʡɋȷ ʙdʑʘɢtsʧ tɕɋʷlsdʑ ȷ ɘtsʟdʒtsʞ dʑsfɲsɋ ʜdʑʷ ʘdʑʘdʑɋʟʘfɲʡtɕʳ lsʳ ꞊ ʧtslsȷ dʑɥɋʡ ʙȷ fɲfɲtsʟdʑʘlsȷ dʑ dʑsɢts fɲtsʟʜʘʳ lsfɲʷ ʧtɕɋ fɲɋfɲsȷ dʒʘlsɋɥȷ fɲʡtsdʒ ʧdʑʘdʑsdʒȷ tɕdʑsdʒɘʳ ʧtsdʑdʑ dʑɋɋ ʧtsʜtsʙdʑ ꞊ ɋfɲfɲdʑ ʜtsɘʘdʑɋʡ.

ʕ ʡfɲʧȷ tɕɋdʒȷ dʑsʘlststɕ ʧtɕȷ ʜʲ ʷɘɋdʑʞ ȷ dʑʱ ɋdʑ ʧtstɕdʑsɢtɕʘʬ ɋɥȷ fɲʡʫʶ ʡʘtɕlsɋdʑʡʫ. ɻ dʑʷʜʷ dʑʘdʑ ȷ , tsdʑʘ fɲdʒʫʱ ȷ dʑdʑs fɲdʒȷ lsfɲʷ. ʂ tsɢʜʘȷ ȷ fɲʧtɕtsfɲɋdʑɋ ts ʧtɕɋɥɋdʑ fɲdʒ꞊ʘ, tsdʑʘtslsɘȷ lsɋdʑʘfɲdʑtsɘʘdʒɋ, fɲtsɘȷ tɕʰ ȷ dʑdʑs dʑ tslsdʑsfɲʷʱ ɋdʒɋfɲʷ ʡ ʧtɕtsɋfɲ꞊tsʜʷʱ ȷ dʒʫ. ʏ lsts ʞ ȷ ʧtɕtsɋʟtsʰ dʑs? ʅ tstɕdʒʘdʑ dʑsʡ ʧfɲɋ꞊tsdʑsɢɋɋ dʑ ʫʜʘʘdʑsfɲ tsʙʲ ʷfɲdʑɋlsᴵ, ʡʘʡ ʫʜʘȷ lsfɲʷ ɥȷ dʑsɘȷ ʡʫ tsʜdʑsɘtɕȷ dʒȷ dʑdʑs ʟdʑʘlsᴵ ts fɲʫʱ ȷ fɲsɘtsɘʘdʑɋɋ ʡʘʡɋ꞊-dʑɋʙts ʧtɕȷ ʜfɲsʘdʑ dʑɋʡ ɋ dʑ ʟdʑʘlsᴵ, ʧtsʡʘʌ tɕȷ ʡʜ dʑ ɘɘȷ dʑɘ ʧtɕʘʡlsɋʡʫ ʙȷ fɲfɲtsʟdʑʘlsȷ dʑ dʑsȷ ɋ dʑ ʧtsʡʘʟʘdʑȷ ɢts ʧfɲɋ꞊tsʜɋdʑʘdʒɋɥȷ fɲʡɋʡ ꞊ʘtɕʘʡlsȷ tɕ. ɟ tsɘȷ ʜȷ dʑɋȷ ʞ ȷ dʑʱ ɋdʑ dʒtsʞ dʑs ɋdʑsȷ tɕʧ tɕȷ lsɋtɕtsɘʘlsᴵ fɲdʑ ʜʫʶ ʱ ɋdʒ tsʙtɕʘʟtsdʒ ɟ tɕtsɋʟtsʰ dʑʘʜɋfɲfɲsɥɋʘɥɋʷ (tɕʘfɲʱ ȷ ʧdʑ dʑɋȷ) fɲtsʟdʑʘdʑɋʷ. ʃ ʜdʑʘɥʘfɲsᴵ ʧfɲɋ꞊ɋʡɋ, ʙȷ fɲfɲtsʟdʑʘlsȷ dʑ dʑʘʷ, ɘɋʜɋls, ɋ ʧtsˡ lstsdʒʫ ʞ ȷ dʑʱ ɋdʑʘtɕȷ ʘɢɋtɕʫȷ ls; ʜtɕʫɢʘʷ, fɲtsʟdʑʘlsȷ dʑ dʑʘʷ,ð dʑ ɘɋʜɋls, ɋ ʞ ȷ dʑʱ ɋdʑʘfɲdʑtsɘȷ fɲdʑs dʑ tɕȷ ʘɢɋtɕʫȷ ls. ʕ lsts ʧtɕtsɋʟtsʰ dʑs ʧtslstsdʒʫ, ɥlsts ʧfɲɋ꞊tsʜɋdʑʘdʒɋɥȷ fɲʡʘʷ fɲɋdʑʘʧts dʒtstɕʘdʑ dʑ dʒ ʧtɕȷ ʜfɲsʘdʑ dʑɋʷdʒ

(ɥʝ dʑʟlzteʘ) ɘʳ lsȷ fɱɡʑʠdʑʘdʑ ʧteʠȷ dʒdʑ dʒlzʶ ʠdʑʬ tstedʒʘɥʠʶ , fɲʧ tsfɲʧsʙ dʑlzʶ fɲʧ tetsɘ tsɥʠtetsɘʘlsᴵ ʧ fɲʠ‐tsdʑsɢʠɥʝ fɲʢʠʡ ʢtsdʑʬ dʑʠʢls, ʠʟ lstsʡ ɥʘfɲʝsʠ fɲʧsʟdʑʘdʑʠʷ, ʢtslststeʘʷ ɘʠʜȷ dʑʘʢʘtelsʠdʑʢlz.

ɿ ȷ dʑʠʰ dʑ dʑʘʧtsdʒdʑʠlsᴵ , ɥlsts lzʞ ȷ dʑʘlztetsɘdʑ ɥlzɘfɲʝsɘȷ dʑdʑsɢts ɘtsfɲʧteʠʷlsʠʷ fɲteʘʙʘlsʳ ɘʘȷ ls dʒȷ ‐ʘdʑʠʟdʒ ʧ fɲʠ‐ʠɥʝ fɲʢtsʡ ʟʘʱ ʠlsʳ , ɥʝ dʑtsɘȷ ʢ dʑ ɘʠʜʠls ʠ dʑ fɲɡlz ʰ ʠls lstsɢts, ɥlsts dʒtsʞ ȷ ls ɘʳ ʟɘʘlsᴵ lz dʑ ɢts ʜlzʰ ȷ ɘdʑ ʡ teʘʟdʑʘʜ. ɿ ʘʱ ʠlsʘtslsʢdʑ ɥʘȷ ls tsteɢʘdʑ ɥlzɘfɲʝsɘ tsls lzɢtetsʞ ʘʳ ʱ ȷ ʡ ʠdʑʬ tstedʒʘɥʠʠ, ɘfɲɡdʑ ʜfɲʝsɘʠȷ ɺ lstsɢts tsdʑʠ dʑ ɘtsfɲʧteʠdʑʠdʒʘʳ ls ʠ dʑ ʧȷ teȷ ʜʘʳ ls dʒtsʟɢlz lsts, ɥlsts dʑ ʧteʠȷ dʒdʑ dʒts ʜdʑʷ dʑʠɥdʑtsfɲʝsʠ. ɿ ts ʢlsts, ʢtetsdʒȷ fɲʧsʟdʑʘdʑʠʷ, dʒtsʞ ȷ ls tsɥʝ dʑʠlsᴵ , tsʧʘfɲɡdʑʘdʑʠ ʜʘdʑdʑʘʷ ʠdʑʬ tstedʒʘɥʠʷ? ʖ . ʉ . ʈ tslsȷ dʑʙȷ teɢ fɲɥʠlsʘȷ ls, ɥlsts ɥʝ dʑtsɘȷ ʢ ɘʳ teʘʙʘlsʳ ɘʘȷ ls dʑ tsfɲʧsʟdʑʘʘȷ dʒʳ ʡ tsʧʳ ls, ʧtsʟɘtsdʑʷʶ ʱ ʠʡ, dʑ ʧteʠʙȷ ɢʘʷ ʢ dʑtsɢʠɥʝ fɲʢtsʡ ʧtetsɘȷ teʢȷ , ɘʠʜȷ lsᴵ ɘ lstsʡ ʠdʑʠ ʠdʑtsʡ ʠdʑʬ tstedʒʘɥʠʠ fɲɡʠɢdʑʘdʑ ʧtslsȷ dʑɥʠʘdʑ dʑtsʡ tsʧʘfɲɡdʑtsfɲʝsʠ. ʀ ɺ lsʘ ʠdʑʬ tstedʒʘɥʠʷ fɲȹtsʠdʒɘtsʟʜȷ ʡ fɲʝsɘʠȷ dʒ ʧtsɘʳ ʰ ʘȷ ls lz tsteɢʘdʑtsɘ ɥlzɘfɲʝsɘ ʧtstetsɢ ɘtsfɲʧteʠʷlsʠʷ, ʢʘʢ ʙʳ ɘtsʟʜɘʠɢʘȷ ls ɘteȷ dʒȷ dʑdʑsȷ dʑ ʧteȷ tsʜtsdʑʠdʒsȷ ʧteȷ ʧʷlsfɲʝsɘʠȷ dʑʘʧlzlsʠ ʢ fɲʧsʟdʑʘlsȷ dʑ dʑtsdʒlz ȷ ȷ ɘtsfɲʧteʠʷlsʠʶ .

ɼ tedlzɢʠdʒʠ fɲɡdʑtsɘʘdʒʠ, ʠdʑʬ tstedʒʘɥʠʷ ʠ ȷ fɲʝsᴵ , ʠ dʑ ls.

ɟ teʠɘȷ ʜȷ dʒ ɺ ʢfɲʧȷ teʠdʒȷ dʑs, ʧtsfɲʝsʘɘdʑ dʑdʑ ʡ ʀ . ʆ . ʌ ȷ ʡɢȷ dʑʙȷ te‐ɢtsdʒ ʀ fɲʧʳ lslzȷ dʒtsdʒlz ɘdʑlzʰ ʠdʑʠ fɲɡdʑ ʧtslslz dʑʘtsʜʠdʑɢdʑʘʟ ʠ ʧtetsɘȷ teʠdʑʠ: tsdʑʜȷ ʡfɲʝsɘʠlsȷ dʑ dʑts dʑ ɘʠʜʠls ʧteȷ ʜdʒȷ lsʳ , teʘfɲʧtsdʑtsʞ ȷ dʑdʑ ȷ ɘ ʧtsdʑ ʟteȷ dʑʠʷ ɺ lstsɢts ɢdʑʘʟʘ. ɿ ʘlsȷ dʒȷ dʒlz dʑʘʜȷ dʑʠ tsɥʢʠ fɲʧtsdʑʷ teʠʟʘɥʠtsdʑdʑ dʒʠ fɲȹȷ lstsʬ ʠdʑ lsteʘdʒʠ ʠ ʧteȷ ʜʲ ʷɘʠdʑʠ fɲɡdʑtsɘts çdʒʘlstetsfɲè lsʘʢʠdʒtsʙ teʘʟtsdʒ ɥlstsʙʳ fɲɡdʑtsɢ çdʒʘè ʧtsʧʘʜʘdʑlzɘ çdʑ ɘʠʜʷʱ ʠʡè ɢdʑʘʟ. ʈ ʘʟlzdʒȷ ȷ lsfɲʷ, fɲlzʙʲ ȷ ʢls dʑʠɥʝ ɢts tsʙ ɺ lstsdʒ ʧtsʜɘts‐ȷ dʑ ʟdʑʘdʑ. ʂ ʘʟʘdʑtsfɲ ʙʳ , tsdʑʜtsdʑʞ ȷ dʑʙʳ dʑʧtetsɥʠlsʘlsᴵ fɲɡdʑtsɘts çlstetsfɲè, tsʜdʑʘʢts ʠfɲʧʳ lslzȷ dʒʳ ʡ ɥʠlsʘȷ ls çdʒʘlstetsfɲè. ɟ tetsʜtsdʑʞ ʘȷ ls dʑʠ ʠfɲʧʳ lslzȷ dʒʳ ʡ ɘʠʜȷ lsᴵ ʧtsfɲɡdʑ ɘdʑlzʰ ȷ dʑdʑtsʡ ȷ dʒlz fɲɡdʑ ʧtslsʳ ? (ʌ ȷ ʡɢȷ dʑʙȷ teɢ, 1986).

ɸ ɘlststeʘ fɲʧteʘɘȷ ʜdʑʠɘts lzʢʘʟʳ ɘʘȷ ls, ɥlsts ɘtsʧtetsfɲŋð ʠɢteʘȷ ls dʑʠ fɲʧsdʒdʑʘdʒʙlzdʑʘʠdʑʠ ʧtsdʑdʑtsfɲʝsᴵ ʶ ɘȷ teʠls ɘ teȷ ʘdʑ dʑtsfɲʝsᴵ ɘdʑlzʰ ʘȷ dʒtsɢts ð ʧtsfɲʝsʘɘdʑ dʑdʑ ʢtsteteȷ ʢlsdʑs. ʉ tsdʒdʑʘdʒʙlzdʑʘfɲŋʧtsʟʠɥʠʠ ȷ ȷ teȷ ʬ dʑ ʢlsʠtedʑʶ ʱ ȷ ɢts fɲʧsʟdʑʘdʑʠʷ fɲlzʙʲ ȷ ʢlsʠɘdʑts fɲɡdʑ ʧʘ dʑts tsʜdʑtsɘteȷ dʒȷ dʑdʑts, fɲŋlststsɥʢʠ ʟteȷ dʑʠʷ fɲʝststetsdʑdʑ ɢts dʑʘʙdʑ ʜʘlsȷ dʑʷ, tsʙʲ ȷ ʢlsʠɘdʑts ʟteʷɥʘ ʆ tsʞ dʑts fɲʢʘʟʘlsᴵ , ɥlsts tsdʑʘɘ tsʜdʑts ʠ lsts ʞ ȷ ɘteȷ dʒʷ ʠ ɘʠʜʠls, ʠ dʑ ɘʠʜʠls. çʖ tsls ɺ lsts ʧʘteʘʜtsʢfɲè ð ɘtsfɲʢdʑʠʢdʑlzls ɥʠlsʘlsȷ dʑʠ. ɼ ʘ ʧʘteʘʜtsʢfɲ tsʙtsɢʘʱ ʘʳ ʱ ʠʡ dʑʘʱ ȷ ʧtsdʑʠdʒʘdʑʠȷ ɢʠʧdʑtsfɲʧsdʒdʑʘdʒʙlzdʑʠʟdʒʘ.

ʈ ȷ ɥᴵ ʠʜȷ ls ts ʬ ȷ dʑtsdʒȷ dʑ teʘfɲ ȷ ʧdʑ dʑdʑtsɢts fɲʧsʟdʑʘdʑʠʷ. ɼ dʑʷ ʧtsdʑʠdʒʘdʑʠʷ ɺ lstsɢts ʬ ȷ dʑtsdʒȷ dʑʘlsteȷ ʙlzȷ lsfɲʷ çʧteʠdʑɥʠʧ ʜtsʧtsdʑdʑʠlsȷ dʑ dʑtsfɲʝsʠè, ɘɘȷ ʜȷ dʑdʑ ʡ ɘ 20-‐ ɢtsʜʘʡ ɘ ʬ ʠʟʠʢlz ɿ . ɹ tstetsdʒʠ lsʘʢ ʞ ȷ

lzfɳʃjʰ dʑsʧtɑqʃdʒjdzʷjdʒʳ ʔ ʕ ʧfɳgʃ⊐qʃɥjfɳʃqdʒʧtɑtsɥjfɳɳΘdzʒ çʊjtstɑqʃqʧtsfɳɸʷʱ jdɑdzʳ j tstʃqfɳɳΘdɑqʃᵡ jнqʃdʑsɢʦtsʷədɨɸdɑqʃʷ, tɑΘLdɑqʃɥqdzʳ j ɥədɨɸʰ dɨɸ, qʃʧts fɳɣlsqʃ, dɨɸ ʧtɑtslsqʃətstɑjɥqΘls, dɨɸ tslsəjtɑɢΘʸ lsqʃdɨɸ tɑΘLəqʃəΘʸ lsнʦdzɢнʦdzɢΘ, Θɑdzqʃʰ ɹ нtstʃtsɑdzdzʷᵡ lsdɑΘʸ j LdɑΘɑdzʃjè*. ʀ L ɻlstsɢʦ ʧtɑqʃdɑɥqʃʧΘfɳɸjнlzjls, ɥqlsts fɳɸɑʒʷʷΘʕls dɑΘʙdzʳ нjdɑqʃʷ tɑtsɤнΘjls ɥjjʧʃɹ ʧfΘɑΘнtsʕfɳʦsə, ʷədzʷᵡ ʰ qˤ⊐fɳʸ fɳɸjнfɳʦəqʃjdʒtɑΘLdɑqʃɥqdzʒ ⊐, нtstʃtsɑdzdzʷᵡ ʰ qˤ⊐ нʦdzɢнʦdzɢΘΘfɳɸjʃʕlstsə tɑjΘɑdzdɑzfɳʦqʃ. ɻ tɑqʃɥqʃdɑΘʷədɨɸdɑqʃʷ çнtstʃtsɑdzdɑqʃlsjdzdɑzfɳʦqʃè ʕtɑtsjlsfɳʸ ə lstsdʒ ɥqlsts dɨɸls ɥjlsʕtsʔ ɢtɑΘɑdɑqʃɥqʳ dʒjɤнlzdɑΘɑʃqʃ qʃlstsʔ tɑjΘɑdz dɑzfɳʦʲᵡ , ʕtslststɑdzᵡ dʒʳ ətsfɳʧtɑqʃdɑqʃdʒQjdʒʕΘʕ fɳɣʰ jfɳʦəlzᵡ ʰ lzᵡ ədɨɸ dɑΘfɳɸɔʊΘʕqʃdʒtsʙtɑΘLtsdʒ ə tɑΘfɳɳɸʒΘstɑqʃəΘjdʒtsdʒtsʧʃʳ lsjʧtɑΘəʳ qʃlsjʕlstsfɳɥqʃlsΘjls, ɥqlsts fɳʦsdʒdɑΘɑdʒʙlzdΘfɳɳɸjʧΘ qʃlsj, ʕlstsfɳɥqʃlsΘjls, ɥqlstsLtɑʷɥqΘʕlsʃtsɥjdɑΘʃqʃdɑqʃʰ ɹ нtstʃtsɑdzdzʷᵡ lsнʦdzɢнʦdzɢΘ ʃ ʙΘlzlsəjtɑʕнjdɑqʃʷ, ⊐tslsʷ qʃqʃfɳ⊐tsнʷlsqʃL tɑΘLdɑqʃɥqdzʒ ⊐ʧtɑjнʧtsfɳ dɑzʕ, ʧtɑjнdɑΘɢΘʸ lsΘнjʕəΘsdɑzjtstʃqfɳΘdɑqʃjʧtɑqʃɥlzнdɑqʃətsɢʦʧtsəjнjdɑqʃʷ ʧfɳgʃ⊐qʃʕqʃfɳʦsdʒdɑΘɑdʒʙlzdz . ʀ lsΘʕ, fɳgʒ fɳɣlzəʳ ʰ jfɳjtɑjɥqʃfɳɸjdɑdzʒ ⊐tstʃʳ lstsə ə lstsdʒ, ɥqlsts əɑdzʰ jdɑdzΘʸ ə ɢqʃʧdɑzsfɳʦsdʒdɑΘɑdʒʙlzdɑqʃLdʒjfɳɸjʧtslsΘ(ɢdzˤ⊐tslsΘ, dɨɸdʒslsΘ, ΘdɑΘɑdzɢjLqʃʷ qʃʧtɑ.) dɨɸfɳʷLΘdɑΘfɳlststɑdʒsʕjdɑqʃjdʒdɨɸtɑədzʒ ⊐fɳstɑlzʕlslztɑLtɑqʃlsjdzdɑzsɢʦΘdɑΘɑdɑqʃLΘlststɑΘ, lsts jfɳsʲ tsdɑΘʧfɳgʃ⊐qʃɥjfɳʕΘʸ.

ʃ ʙtɑΘlsqʃlsjədɑqʃdʒΘdɑqʃjdɑΘʧtɑqʃdʒjtɑədzʰ jdɑdzʦʔ tɑjɢtɑjfɳɡʃqʃəʦsLtɑΘfɳʦΘ.l Ltɑʦsfɳdzʔ ɥjdɑzsəjʕ, fɳʦΘdzʦəʷfɳjdʒΘdɨɸjdzʕqʃdʒtɑjʙjdɑʦtsdʒʰ jʧjdzʷəqʃls, fɳʲ fɳj ʕΘjls.ʃ dzɑlsʷdɨɸlsfɳʸ ʕqʃɢtɑdzʰ ʕΘdʒ LʦsəjlsdʒΘdɨɸz, ʧʃlzɢΘjlsfɳʸ, ʧʃdɑΘɥjls.ɻ fɳgʃ⊐tsdɑzsɢqʃɥjfɳʕΘʷ tsɥjdɑʕΘʧʃʦʕΘLʳ əΘjls, ɥqlsts ʧjjtɑjнdɑΘɑdʒʃqʃнjʔfɳʦəqʃsjdzdɑzsdʒdɑΘнjdɨɸɥ, dɑzstsdzʎjjtsнdɑzsətɑjdʒjdɑzɑzstsfɳʦsΘjlsfɳʸ əLtɑsfɳɡdzʒlsΘʕʕΘʕfɳɡdzʰ qʃlsqʃʧtsdɑɥqʃdʒΘjlstsʙtɑΘʸ jdɑdzʳ ʕfɳjʙjdɨɸнjlsfɳʕlzᵡ tɑjɥʳ ɢqʃʧdɑzslsqʃLjtɑΘ.l tsɥjtɑjнdɑzsʔ tɑΘLdʒʳ fɳʦΘdzʦəqʃdʒfɳʸ fɳɸqʃнjlsjdzʷdʒqʃ ʧΘɑΘнtsʕfɳΘdz dɑzsfɳʦqʃfɳʦsdʒdɑΘɑdʒʙlzdɑqʃɥjfɳʕtsɢʦ fɳʦfɳʦsʷdɑqʃʷ, ʕtslststɑsjfɳʧtsLqʃɥqʃqʃLнtɑΘɑtsɢʦ fɳgʒ fɳgzΘfɳʦɥjlsΘjls dɨɸfɳʦɥjlsΘjlsdʒtsj: ɥjdɑzsəjʕtsнdɑzsətɑjdʒjdɑzɑzstsɤqʃəjlsədɑΘfɳʦsʷʱ jdʒqʃʧtɑtsʰ dɑzsdʒ ʂ ΘʕjjjdɨʒʲlstslzнΘjlsfɳʸ? ʃ ʕΘɥjfɳʦəj tsʙʲ ʷfɳdɨɸdɑqʃʷ lzɥjdzʷj ʧtɑtsətsнʷlsʧΘɑΘɑdzɨɸdzdʒqʃjdʒʧtsəjнjdɑqʃjdʒfɳʦsdʒdɑΘɑdʒʙlzdzqʃʧtsəjнjdɑqʃjdʒdʒʕtɑtsɥΘfɳʦsɥ, ʕtslststɑrj, ʕΘʕqʃLəjfɳʦsdɑs, tsʙdɑΘнΘʸ lsfɳʧtsfɳʦsʙdɑsfɳʦʲᵡ dɨɸнjdzʷfɳʧtɑts⊐tsнqʃlsʲ tsнdɑzsətɑjdʒjdɑzɑzsəнəΘtslsəjtɑfɳʦsqʃʷ. ʃ dɑqʃʕΘʕʙrfɳɣʰ jfɳʦəlzᵡ lstsнdɑzsətɑjdʒjdɑzɑzsəнəlz⊐fɳʦfɳʦsʷdɑqʃʷ⊐ ðɥΘfɳʦsqʃɥqʃətsdzdzʷ ð qʃəLΘqʃdʒdɑzʧjtɑj⊐tsнʷlsнtɑdzɢəнtɑdzɢΘ

* ɹ tstɑtsəfɳʕqʃʔ ʧtɑtsqʃdɑɥqʃʧ нtstʃtsɑdzdɑqʃlsjdzdɑzsfɳʦsqʃqʃL tsʙdɑΘfɳʦsqʃʕəΘɑdzstsətsʔ ʷqʃLqʃʕqʃətsʙdɑΘfɳʦʲ ʧfɳgʃ⊐tsdɑzsɢqʃqʃ əɑ80-⊐ɢtsнΘ⊐ʧjtɑjdɨɸfɳɣdzʃlɻ.ɻqʃdɑzɑqʃdzʃfɳqʃɹ.ʂjнtɑtsə.

ʄ cʃ꞊ʘɕʃdzʐ tsʡʬ ȷls

ʟʘʧtɕȷʱ ʘdzȷʡ ɘɕʃʜȷlsᴵ fɳʧsɢdzʘfɳɡdzʑ ȷ ɕʃdzɕʃ ɢdzʘfɳɡdzʑ ȷ ʙlzʢɘʳ dzʘdzɕʃfɳʝsʘ꞊, tslsdzȷ ɥȷ dzdzʑ ꞊ ʙlzʢɘtsʡ. ʂ tsɢʜʘtsdzʑ
ʧtsʧtɕtsfɳɡʃdzȷȷ ʧtɕtsɥȷ fɳʝsᴵ lsȷ ʢfɳʝs dzʘɘfɳȷ꞊ dzɕʃfɳʝsʘ꞊, tsdzʘʧtsdzdztsfɳʝsᴵ ʁ ʧtɕtsɥdzʘlstsdz ʢts 4 dzɕʃfɳʝsʘ, ʘdzʘ
çʟʘʢtsdzʜtsɘʘdzdzʑ ꞊è dzɕʃfɳʝsʘ꞊ tsdzʘfɳʧtslsʢdzdzʘfɳ ɕʃ dzȷ fɳɡʒtsɢdzʘʧtɕtsɥɕʃlsʘsᴵ ʟʘʧtɕȷʱ ȷdzdzʑ ȷ ʙlzʢɘʳ. ɺ
fɳʙʷʟɕʃ fɳʧs fɳɡdzȷ ʧtslstsʡ ʧts tslsdztsʰ ȷdzɕʃʁ ʢ ʟʘʢtsdzʜtsɘʘdzdzʑ dʒdzɕʃfɳʝsʘdʒɾ ʘdzȷ tsʙtɕʘʱ ʘȷlsfɳʷ ʢ
ʧtsʜfɳʧsʟdzʘsȷ dz dztsʡ fɳʬ ȷtɕȷ ʃʁ fɳɡʃ, ʢtslststɕʘʷ ɘfɳȷ ʧtɕȷ ʢtɕʘfɳɡdzts ɘɕʃʜɕʃls ɕʃ ʢtsdzstɕtsdzɕʃtɕdzȷls. ɺ ȷdzɕʃʢɕʃʡ
ʧfɳɡʃ꞊tsdztsɢ ʧtɕtsfɳɡʃls ʧtsʜfɳʧsʟdzʘdzɕʃȷ ɘtsfɳʧtɕtsɕʃʟɘȷ fɳʝsɕʃ lsȷ ʢfɳʝs ʧtɕɕʃ ʧtsdʒtsʱ ɕʃ ʘlstsdʒʘsɕʃɥȷ fɳʢtsɢts ʧɕʃfɳ dʒʘ.
ʃʁ fɳɡʃ dzʘʧɕʃfɳʘdzʘ, dzȷ ʧtɕtsʧlzfɳʝsɕʃɘ dzɕʃ tsʜdztsʡ ʙlzʢɘʳ.
ɺ ʜtɕdzɢtsdʒtsʧʳ lsȷ ɾ ʘdzȷ ɘdzdzʰ ʘȷls ʃʁ fɳɡʃ, ɥlsts tsdzʘdzȷ ɘɕʃʜɕʃls dzɕʃ dzɕʃfɳʝsʳ ʙlzdʒʘɢɕʃ, ʧtsdzȷ ɥȷ dzdzʑ ȷ
ʢtɕȷ fɳʝsɕʃʢtsdʒ dzɕʃ dzɕʃfɳʝsʳ, dzʘʢtslststɕʳ ꞊ dzʘʧɕʃfɳʘdzʑ ɥɕʃfɳɡdzʘ, ʢtɕʘsdzʑ ȷ lstɕȷ dʒ ʅ ʜdztsɘtɕȷ dzȷ dzdzts fɳʅ lsɕʃdʒɾ ʘdzȷ
ʧtɕtsfɳɡʃlsȷȷ ʧtsʜfɳʧsʟdzʘdzɕʃȷ dzʘʧɕʃfɳʘsᴵ dzʘʧdzʘdzʑ ȷlsʢȷ, ɥlsts lz dzȷȷ dzʘ꞊tsʜɕʃlsfɳʷ dzʘʢtsdzȷ dzʷ꞊. ɼȷ ʧtɕʘɘʘʷ
tɕdzʢʘʧɕʃʰ ȷls:

ð ɭ ʘʢtsdzȷ dzʷ꞊ dzȷ ʞʘs ɥȷ lsʳ tɕȷ dzɕʃfɳʝsʘʙlzdʒʘɢɕʃ, ʧtsdzȷ ɥȷ dzdzʑ ȷ dʒʘdzȷ dz ʢɕʃdʒ ʢtɕȷ fɳʝsɕʃʢtsdʒ ʰ ȷfɳʝsᴵ dzɕʃfɳʝstsɘ,
dzʘʢtslststɕʳ ꞊ dzʘʧɕʃfɳʘdzʑ ɥɕʃʬ tɕʳ ʙ, 15, 12, 3, 9, 18,ð ʷ ɕʃ꞊ ʧtɕȷ ʢtɕʘfɳɡdzts ɘɕʃʞ lz.
ɾ ʘdzȷ tslsʢdz ɥʘȷls ʧtsʜfɳʧsʟdzʘsȷ dz dztsȷ ɘɕʃʜȷ dzɕʃȷ ɕʃ ʧtɕtsfɳɡʃls ʧȷtɕȷ ʜʘsᴵ ȷdʒlz ɘfɳȷ dzɕʃfɳʝsʳ ʙlzdʒʘɢɕʃ. ɭ ʘʅ lsts
ʃʁ fɳɡʃ tslsɘȷ ɥʘȷls:

ð ɕ ɕʃ꞊ dzȷ ɘɕʃʞ lz, lz dzȷ dzʷ dzɕʃɥȷ ɢts dzȷls.

ʊtsɢʜʘɾ ʘdzȷ fɳʧtɕʘʱ ɕʃɘʘȷls ʧtsʜfɳʧsʟdzʘdzɕʃȷ ʃʁ fɳɡʃ:

ð ɺʳ ɘɕʃʜɕʃlsȷ dzɕʃfɳʝsʳ ?

ð ɼ ʘ, ɘɕʃʞ lz

ð ɟ tsɥȷ dʒlz dzȷ ʧȷtɕȷ ʜʘdzɕʃ ɕʃ꞊ dʒdzȷ ?

ð ɸʷ ɕʃ꞊ dzȷ ɘɕʃʜȷ dzʘ.

ʊ fɳʝsʘdztsɘɕʃɘ dzȷ ʙȷʟ lzʜɕʃɘdzȷ dzɕʃʷ fɳlzʱ ȷfɳʝsɘtsɘʘdzɕʃȷ ɘlststɕtsɢts fɳʧsʟdzʘdzɕʃʷ, ʧtɕtsʷɘdzʷʁ ʱ ȷɢtsfɳʷ ɘ
ʘlstsdʒʘsɕʃɥȷ fɳʢtsdʒʧɕʃfɳ dzȷ ʃʁ fɳɡʃ, ɾ ʘdzȷ tsʜdzʘʞʜʳ ɘfɳʝslzʧɕʃdzfɳŋdzɕʃdʒɘ tɕʘʟɢtsɘtstɕɘ lstsls dʒtsdzȷ dzs, ʢtsɢʜʘ
ȷȷ dztstɕdʒʘdz dzʘʷ dzɕʃɥdztsfɳʝsᴵ ʙʳ dzʘʟʘdzʷlsʘʙȷ fɳȷʜtsʡ fɳŋʜtɕdzɢɕʃdʒdzɕʃɥtsdʒ

ð ʉ dzʰ ɕʃlsȷ dzɕʃ ɘʳ dzȷ dzʷ?

ð ɭ ȷls! (ʅ lsɘȷ ɥʘȷls tsdzʘʧɕʃfɳ dzȷ dzdzts.)

ð ɭ ts ɘȷʜᴵ dzlzʞ dzts fɳɡdzʰ ʘsᴵ, ɥlstsʙʳ tslsɘȷ ɥʘsᴵ ?

ð ɼ ʘ, ʢtsdzȷ ɥdzts.

ð ʊtsɢʜʘ, ʢʘʢ ʞȷ ɘʳ ʜȷdzʘȷlsȷ ʅ lsts?

ð ɕ dzȷ ʟdzʘʳ.

ð ɭ ts dzlzʞ dzts ʞȷ, ɥlstsʙʳ ʙʳ dzʢlsts-dzʃʙlzʜᴵ, ʢlsts fɳɡdzʰ ʘdzdzȷ dzʷ?

ð ɼ ʘ.

ð ʂ lsts ʞȷ ʅ lsts?

ð ɼ tɕdʑɢ̂ʘʷ, ʘdʑ ʃ ʶ fɲɖ.

ð ɸ ⫪, ʜtɕdʑɢ̂tsȷ dʑɖʯts. ʌtslsɖlsȷ, ʯlstsʙʳ dʒʳ ʜʘdʑɖ ȷ ʡ ʕʘʡtsȷ -dʑɖʙlzʜᴵ ɖdʒʷ?

ð ɼ ʘ ʜʘ ɻ lsts ʙlzʜȷ ls lzʜtsʙdʑȷ ȷ.

ð ɭ lz, ⫪tstɕtsʰ ts, ɸ dʑʜtɕɖȷ dʑʘ ɸ dʑʜtɕɖȷ dʑʘ fɲdʑ ʰ ɖlsȷ dʑɖ ɘʳ dʒȷ dʑʷ?

ð ɼ ʘ

ʄ tsʞ dʑs ʟʘdʒȷ lsɖlsᴵ, ʯlsts ɘlststɕʘʷ dʑɖʯdʑsfɲsᴵ ɖdʒȷ ȷ ls ʜȷ dʑs fɲtsʱ lzʱ ȷ dʑɖʷdʒɖ, ʡtslststɕʳ dʒɖ dʑȷ ʧtsdʑ ʟlzȷ lsfɲʷ ʧȷ tɕɘʘʷ: ɘlststɕʘʷ dʑɖʯdʑsfɲsᴵ ɢ̂tsɘtstɕɖls, ʯlsts ʡlsts-lsts ʡtsdʑȷ ls ʃ ʶ fɲɖ ɘ tɕdʑʡlz ɖdʑɖ ʧtɕɖʡʘfɲʘȷ lsfɲʷ ʡ dʒɖʟɖdʑʯlz, dʒȷ ʞ ʜlz lsȷ dʒʡʘʡ fɲʘdʒʘ ʃ ʶ fɲɖ ʜʘɘdʑs lzʞ ȷ lzlstɕʘlsɖdʑʘɘfɲʷʡlzʶ lsʘʡlsɖdʑ dʑdʑʶ ʯlzɘfɲsɘɖlsȷ dʑ dʑsfɲsᴵ. ɺ lststɕʘʷ dʑɖʯdʑsfɲsᴵ ɘɖʜɖls ʧtɕȷ ʜdʒȷ lsʳ, ʡtslststɕʳ ⫪ tsʙʳ ʯdʑsȷ fɲtsʟdʑʘdʑɖȷ ʃ ʶ fɲɖ ʜʘɘdʑs dʑȷ ʟʘdʒȷ ʯʘȷ ls ɘ fɲɖdʑ tslstɕɖʯʘlsȷ dʑ dʑsɢ̂ts ɘdʑʰ ȷ dʑɖʷ. ʆ dʑʘɘɖʜɖls ɖ tslsdʑɖʯʘȷ ls ʡtɕȷ fɲsɖʡɖ ɖ ʯɖʷtɕʳ dʑʘdʑɖfɲsʘ⫪; tsdʑʘʞ ȷ ʧtsdʑ ʟlzȷ lsfɲʷ ʜdʑʷ ʜɘɖʞ ȷ dʑɖʷ ɘfɲȷ dʒɖ ʜtsfɲsʘɘʰ ɖdʒɖfɲʷ ȷ ʡ tsʱ lzʱ ȷ dʑɖʷdʒɖ. ɺ fɲʘdʒsdʒʜȷ dʑȷ, dʒʳ ʟdʑʘȷ dʒ ʯlsts tsʜdʑs ɖ lsts ʞ ȷ ʜɘɖʞ ȷ dʑɖȷ dʒsʞ ȷ ls ʙʳ lsᴵ ɘʳ ʧtsdʑdʑȷ dʑs tɕʘʟdʑɖʯdʑ dʒtsʙtɕʘʟtsdʒ ʧtɕɖ ʧtsdʒsʱ ɖ tsʙtɕʘʟtsɘ dʑɖʙts ʟtɕɖlsȷ dʑ dʑ ⫪, dʑɖʙts ʡɖdʑȷ fɲsȷ ʟɖʯȷ fɲʄɖ⫪.

ʃ ʶ fɲɖ dʒsʞ ȷ ls ʧɖfɲʘlsᴵ lstsdʑ ʡts ʧtɕɖ ʧtsdʒsʱ ɖ ʟtɕɖlsȷ dʑ dʑ ⫪ tsʙtɕʘʟtsɘ: tsdʑʘdʑʘʡdʑsdʑʷȷ ls ɢ̂tsdʑsɘlz ɖ ɘfɲȷ ɘtɕȷ dʒʷ fɲdʑȷ ʜɖls ɢ̂dʑʘʟʘdʒɖ ʟʘʧȷ tɕtsdʒɖ ʙlzdʒʘɢ̂tsʡ. ɼ ȷ ɘlststɕʘʷ dʑɖʯdʑsfɲsᴵ, ɸ ʜtɕɖȷ dʑʘ fɲlzʱ ȷ fɲsɘlzʶ ʱ ʘʷ tsʜdʑsɘtɕȷ dʒȷ dʑdʑs fɲʧȷ tɕɘtsʡ, ʧɖʰ ȷ ls, dʑȷ ɢ̂dʑʷʜʷ dʑʘʙlzdʒʘɢ̂lz, ʧtslstsdʒlz ʯlsts ʧtsdʑ ʟlzȷ lsfɲʷ ʜdʑʷ ʧɖfɲ dʒʘ ʡɖdʑȷ fɲsȷ ʟɖʯȷ fɲʄɖdʒɖ tsʙtɕʘʟʘdʒɖ. ʊ ʡʘʞ ʜtsʡ dʑɖʯdʑsfɲsɖ ȷ fɲsᴵ fɲʘtsʡ fɲʧtsfɲtsʙ ʜȷ ʡ fɲsɘɖʡ, lstsʯdʑs lsʘʡ ʞ ȷ, ʡʘʡ ɖ fɲʘtsʡ fɲʧtsfɲtsʙ dʒʳ ʰ dʑȷ dʑɖʷ (ɾ ʘdʑȷ, 1913, fɲ 304).

ɺ ʧʘʜʘʷ ɘ fɲsdʒdʑʘdʒʙlzdʑɖʟdʒ ʧʘʯɖȷ dʑs ʟʘʷɘdʑʷȷ ls, ʯlsts ɻ lsts dʑȷ fɲsɘfɲȷ dʒtsdʑ, ʘʡlsts-lsts ʜtɕdʑɢ̂tsʡ. ʊʘʡ ʟʘʷɘɖdʑʘ ʈ tsʟʘ ɭ ʘɘtsʧtɕtsfɲɾ ʘdʑȷ: çʂ lsts ɘʳ ?è ð tsdʑʘtslsɘȷ ʯʘdʑʘ çʕ lsts ɘfɲȷ -lsʘʡɖ ʷ, dʑs dʑȷ fɲsɘfɲȷ dʒlsʘʞ ȷ è.

ʃ ʶ fɲɖ ɢ̂tsɘtstɕɖdʑʘ çʕ lsts ʷ, ʃ ʶ fɲɖ, dʑs ɘʳ dʒȷ dʑʷ dʑȷ ɖʟdʒȷ dʑɖdʑɖè. ʃ ʶ fɲɖ, ɖʟdʒȷ dʑȷ dʑɖȷ ʡtslststɕtsʡ ʙʳ dʑs fɲdʑɖʰ ʡtsdʒɘȷ dʑɖʡts, dʑȷ lzʟdʑʘɘʘdʑʘfɲȷ ʙʷ ɘ fɲsdʒdʑʘdʒʙlzdʑɖʟdʒȷ, ɖʟdʒȷ dʑɖɘ ɖdʒʷ dʑʘɸ dʑʜtɕɖȷ dʑlz.

N., fɲʯɖlsʘʷ fɲȷ ʙʷ fɲdʑʘʯʘdʑʘdʑɖʰ ᴵ ɖʟdʒȷ dʑɖɘʰ ȷ ʡ fɲʷ, ɘfɲʄtstɕȷ ʟʘʷɘɖdʑʘ ʯlsts tsdʑʘð ʜtɕdʑɢ̂tsȷ dʑɖʯts. çʂ lsts ʞ ȷ ɘʳ lsʘʡʘʷ?è ð fɲʧtɕtsfɲɖdʑɾ ʘdʑȷ. çɭ ȷ ʟdʑʘʶ ... ʷ ʜlzdʒʘʶ, ʯlsts ɻ lsts ʙtsdʑ dʑʘʷè. ɭ ȷ tsfɲsʘdʑʘɘdʑɖɘʘʷfɲ dʑʘ ɻ lstsdʒfɲstɕʘdʑdʑsdʒtslsɘȷ lsȷ, ʡtslststɕʳ ʡ, ʧtsʞ ʘdʑʡ, dʑȷ lsʘʡ dʑȷ dʑȷ ʧ, ɾ ʘdʑȷ ȷ ȷ fɲʧtɕtsfɲɖdʑ. çʂ ʘʡ ɘʘfɲʟtsɘlzls?è ɼ ʡ ɘʟʜlzdʒʘdʑsfɲ dʑʘʟɘʘlsᴵ fɲȷ ʙʷ ɭ ɖʰ ȷ. ʕ lsɖdʒɖdʒȷ dʑȷ dʒȷ ȷ dʑʘʟʳ ɘʘdʑɖ ɘ tɕʘdʑdʑȷ dʒʜȷ lsfɲsɘȷ, ɖ lsȷ ʧȷ tɕᴵ tsdʑʘ ʧtɕɖfɲtsɖdʑʘȷ ɢ̂ts ɘ fɲsdʒdʑʘdʒʙlzdʑɖʟdʒȷ.

ʷ̈tslststɕtɛ⊙ʷ̈qʃʷ ʜ-tɛ⊙ʃ . ɾ qʃʙjˌtɛ⊙ʕtslststɛ⊙ʸ ə fɳqʃdʑ ⊙fɳfŋsɳqʃ⊙ɳqʃqʃ tʃɳɛqʃətsʜqʃdʑ⊙ʃ jˌtsdzqʃ ə
ɢqʃtʃdzsfŋsdʒdzɕ⊙dʒʁlzdzqʃʟdʒ ɭ jˌfɳqʒslstɛʷ dzɕ⊙lsts ɳɭsts ɾ ⊙dlɸ ərˈ dʑzdzʷ̈tslststɕtɛ⊙ʷ̈qʃᵏ qʃʟ ⊙dʑʙtsdʒ⊙ tsdzɕ⊙
tʃtɛtsʜtsdzɳ⊙dʑ⊙tsɬ⊙Lʳ ə⊙lsᴵ dzɕ⊙dlɸˌj ətsʟʜˌjɬ?fŋksəʃj . Ⅰ lststɛ⊙ʸ dzʃɳqʃdzsfŋsᴵ, fɳqlɸˌʜtsə⊙lsˌjdʑ dzɕ, ʙʳ dʑ⊙lzəˌjtɕˌjdzɕ⊙
ɳɭsts ʃ jˌtsdzʃ dlɸ fɳqʒsɤˌj ɭs tʃtɛqʃɬtsfɳqʒdzlsᴵ fɳʸ ɬ ɬ lsʃdʒtʃqʃfɳjdʒ⊙ʒ tɛ⊙ʟ tsdzɕʃ dzɕ⊙⊐tsʜʷlsfɳʸ ə ⊙dʑʙtsdʒˌj . Ⅰ fɳjˌɬ lsʃ
tɛ⊙fŋfŋɤɤˌʜˌjdzɕʃʷ tʃtɛtslsˌjɬ⊙dzʃ dlɸ ə ɢqʃtʃdzsfŋsdʒdzɕ⊙dʒʁlzdzqʃʟdʒˌj , ⊙dzɕ⊙ʸəlz, dzs tʃtsʜfŋsʟdzɕ⊙lsˌjdʑ dzs: tʃtsɬ⊙ʃ jˌtsdzɕʃ
dzɕ⊙ʃjˌə⊙dʑ⊙qʃ dʒˌj ɳɭs⊙dʑ⊙ˌj jˌj tɛdzɬɕʃ, tʃtsəqʃdzʷ̈fɳ ɬ⊙ɬ ʙʳ ɳɭzɤˌjtsɬ ətsdlɸˌj , tʃtɛqʃdzɕʃdʒ⊙dzʃ əfɳʸɬɕʃˌj
tʃtɛˌjʜtsfŋststɛtɛsɤˌjdzsfŋksʃ tʃtɛtslsʃəˌj dlɸˌj fɳ⊙dʒsɬ? (ɾ ⊙dlɸˌj, 1913, fɳ 256).

ɿ ʲˌjˌjtɕɾ ⊙dlɸˌj tʃqʃʰ ˌjˌls, ɳɭsts, tʃts-əqʃʜqʃdzsdzʁz, fɳsʟdzɕ⊙sˌjdʑ dzɕ⊙ʸ ɤˌjqʃʟdzɕ ˌjɢtsʙtsdʑ dzɕ ⊐ (ʃ ᵝ fɳqʃ, ʃ ˌjˌtsdzɕʃ, ʈ tsLʳ qʃ
ʃ ⊙dɛqʃ) fɳdzɕ⊙ɢ⊙ˌjlsfŋʸ qʃʟ lstɕˌj⊐ tʃ⊙dɛ⊙dzdlɸˌj dʑ dzɕ ⊐ fɳqdzsˌjə, dlɸˌjɤˌj⊙ʰ qʃ⊐tsʜqʃdzʃtsʜ ʜtɛdzɢɕʃdʒˌj ɬ tsʙʳ ɳqdzsdʒ
fɳsfŋksʷdzɕʃqʃ ʁz dzɕʃ⊐ fŋʑʰ ˌjˌfŋksəʁzᵝ ls əfɳˌj lstɛqʃ fɳqdzsʷ: tʃˌjtɛəʳ ʔ ʷəʤʸˌjlsfŋʸ dzstɛdʒ⊙dʑ dzɕ dʒfɳsʟdzɕ⊙dzɕʃˌjdʒ ʜə⊙
ʜtɛdzɢɕʃ⊐ ð ɢtɛdzʃtʃtsʔ ʙtsdlɸˌj qʃdzʃ dʒˌj dlɸˌj ⊙fŋfɳsɳqʃqʃtɛtsə⊙dɛdzɕ ⊐ dʒˌjɤˌjʜʁz fɳsʙtsʔ tsʰ ʁzʰ ˌjdzɕʃʔ qʃ ʜˌjʔfŋksəqʃʔ,
ʕtslststɕʳ ˌj fɳsəˌjtɕʰ ˌjdzdzs dlɸˌj tsfŋsʟdzɕ⊙ᵞ lsfŋʸ tɛ⊙ʟɢtsə⊙dɛqʃə⊙ᵞ ʰ qʃdʒfŋdzʃdʒʃ dzɳqʃtsdʒ ʂ tsɢʜ⊙tsʜdzɕ⊙qʃʟ dzɕʃ⊐
dzɕ⊐tsʜqʃlsfŋʸ ə tʃˌjtɕəqʃɳqʃdzsdʒfɳsfŋstsʷdzɕʃqʃ, tʃˌjtɛəʳ ʔ fɳqdzsʔ tʃtɛˌjtɕʳ ə⊙ʃlsfŋʸ qʃ tʃtsʷəʤʸˌjlsfŋʸ ə⊙lststɛtsʔ, tʃtɛqʃdzsfŋʸ fŋ
fɳsʙtsʔ ə fɳˌj ətsfɳʃtsdʒʃqʃdzɕ⊙dzɕʃqʷ, tʃtɛqʃtsʙtɛˌjlsˌjdzʤˌj qʃdʒqʃ ʟ⊙ətɛˌjdʒʷ tʃtsʜtʃtsdʤdzsɢts fŋʑʰ ˌjfŋksətsə⊙dzɕʃqʷ. ʂ tsɢʜ⊙
tsdzɕʃ tʃˌjtɛˌj⊐tsʜʷlsətslststɛʃɳqʃdzsˌj fɳsfŋstsʷdzɕʃˌj , ə⊙lststɛtsʔ fɳqdzsʔ tʃtɛˌjtɕʳ ə⊙ʃlsfŋʸ ə fɳpʏtsᵏ tsɳˌjtɕˌjʜᴵ , ʟzfŋslzʃtʃ⊙ᵞ
dʒˌjfŋstsˌlstɛˌjlsᴵ ˌjdʒʤ, ʕtslststɕʳ ʔ tsʙtɛ⊙ʟʤˌjls əfŋˌj fɳsʟdzɕ⊙sˌjdʑ dzʤᵍ ɤˌjqʃʟdzɕ . ɿ tsfɳqlɸˌj tʃtɛtsʙlzɤˌjʜˌjdzɕʃʷ əˌjtɕ⊐dzɕʃˌj
fɳqdzsʃ tʃtsʷəʤʷᵍ lsfŋʸ ə tsʙtɛ⊙sdzsdʒtʃtstɕʷʜʕˌj .

ɿ fɳqʃ⊐tsdzsɢʃɳqˌjfŋʕ⊙ᵞ fŋʑʰ dzsfŋksᴵ ⊙əlststsdʒ⊙lsʃʟdʒ⊙ʟ⊙ʕʕdʑ ɳqʃ⊙lsfŋʸ ə lststsdʒ ɳɭsts fɳsʙfŋksəˌjdzdzɕ⊙ᵞ tʃfɳqʃ⊐ʃɳqˌjfŋʕ⊙ᵞ
tʃtɛtsʜʤʕɳqʃʷ tsɳˌjdzɕʃəɢ⊙lsfŋʸ ʟ⊙ɢʃqʃtʃdzslsʃʟqʃtɛtsə⊙dzdzʁz dʒʃ ʕɢʕ ʃqʃdʒdlɸ tʃtɛʃdzɕ⊙dlɸɤˌj⊙ʰ ⊙ᵞ. ʏ Gfŋksᴵ
tʃfɳqʃ⊐ʃɳqˌjfŋʕtsʔ tʃtɛtsʜʤʕɳqʃʃ⊙ʃ tʃtɛtsʜʤʕɳqʃʃ⊙ʃ ʟ⊙ɢʃqʃtʃdzslsʃʟqʃtɛtsə⊙dzdzʁz dʒʃ ʕɢʕ ʃqʃdʒdlɸ tʃtsʜdzɳ⊙ɢ⊙ls ə ˌjɢtsfɳqʃʟdzɕ⊙dzɕʃqʃ dlɸ ʟ⊙ətʃfŋʸʰ ˌjˌj tsls ˌjɢts
ətsdzɕʃ, fɳ⊙dʒsfŋksʷlsˌjdzdzsˌj , ⊙əlststsdzsdʒ⊙dzsˌj fŋʑʰ ˌjfŋksətsə⊙dzɕʃˌj . çɸ əlststsdʒ⊙lsʃɳqʃdzsfŋsᴵ è lsˌj⊐ʃqʃdzʃ qʃdzʁ ⊐
tʃfɳqʃ⊐ʃɳqˌjfŋʕʃ⊐ ⊙ʕlststsə, tʃtsfŋksʃtʃʕtsə qʃ ls. tʃ . tsʙtsʟdzɕ⊙ɳ⊙ɢ⊙ls qʃ⊐ ədlɸ fɳsʟdzɕ⊙lsˌjdzdzsfŋsᴵ ə fɳqʃdʑ qʃ⊐
tʃtɛqʃəʳ ɳqdzsfŋksʃ, tɛˌjɕʷ dlɸˌjʕlststɛdzsfŋksʃ qʃ tʃtɛtsɳˌjɢts. ʜ ɬ lsts? lstsɳʕqʃ ʟtɛˌjdzɕʃʷ tʃtɛ⊙əqʃdʑ dlɸˌj ʙʳ dzs ʙʳ ɢtsətstɛqʃlsᴵ
ts ʜˌjʟ⊙əlsts-dʒ⊙lsqʃʟ⊙ɳqʃqʃ tʃfɳqʃ⊐ʃɳqˌjfŋʕqʃ⊐ tʃtɛtsɳˌjfŋfɳsə ə ɢqʃtʃdzsʟˌj . ɸ əlststsdʒ⊙lsqʃʟqʃtɛtsə⊙dzɕʃˌj tʃfɳqʃ⊐ʃɳqˌjfŋʕqʃˌj
⊙ʕlsʳ ð ɬ lsts dlɸ ʟdzɕ⊙ɳqʃlsdlɸ ətsfɳʃtɛqʃdzɕʃdʒ⊙ˌjdʒʳ ˌj . ʃ dzɕʃ dzɕʃʰ ʲ dlɸ ⊙fʃtʃˌjtɕɳˌjtʃlsʃtɛdzᵏ lsfŋʸ* fɳsʟdzɕ⊙dzɕʃˌjdʒ ʂ ⊙ʕ
fŋʕ⊙L⊙dz

* ɸ tʃtʃˌjtɕɳˌjtʃɳqʃʷ ð tsls dzɕ⊙ls. adð ʕ, perceptio ð ətsfɳʃtɛqʃʷlsʃˌj .

ʃ . ɸ . ɸ dʑstsdʑsɘɕʯ: çʀ dʒʝ lsᴵ tsʱ lzʱ ʝ dʑɕʷ ɕ ʟdʑʘlsᴵ , ʯlsts dʒʳ ɕ ɕdʒʝ ʝ dʒð ʵ lsts ʜɘʝ ɘʝ ʱ ɕ tɕʘʟdʑ ʝ è (ɸ dʑstsdʑsɘɕʯ, 1945, fŋ 151).

ȿ ʧʘtɕʘʜtsʡ fɲʘdʒ ʧ fɲɕɕʡɕ ʟʘɢ̂ɕʧdʑslsɕʟɕtɕtsɘʘdʑdʑsɢ̂ts fɲdʑ ʜlzʝ ls tslsdʑ fɲlsɕ tɕʘfɲ ʝ ʧdʑ dʑɕʝ ʝ ɢ̂ts fɲsʟdʑʘdʑɕʷ ɘ dʒsdʒʝ dʑs ɕtɕztɕɢ̂ɕʯ fɲʢtsʡ tsʧʝ tɕʘʯɕɕ ʧtsʜ ɘdʑzʰ ʝ dʑdʑsʡ ʘdʑʘdʑɢ̂ʝ ʟɕʝ ʡ. ʕ ʡfɲʧʝ tɕɕdʒʝ dʑsʳ ʧtsʡʘʟʘdʑɕ, ʯlsts ʡʘʡʘʷ-lsts ʯʘfɲlsᴵ ʝ ɢ̂ts fɲlzʱ ʝ fɲlsɘʘtsfɲsʟdʑʘʝ ls ʙtsdʑ ɕ ʵ lsts tsfɲsʟdʑʘdʑɕʝ dʒsʞ ʝ ls fɲlsʘlsᴵ ʧtɕɕ tsʧtɕʝ ʜʝ dʑʝ dʑdʑ ɕ tsʙ fɲlstsʷ lsʝ dʑ fɲlsɘʘɕ ʜtsfɲlslzʧdʑ dʒʟʘɢ̂ɕʧdʑslsɕʟɕtɕtsɘʘdʑdʑsdʒz ɕ tsdʑfɲdʒsʞ ʝ ls ɘʳ tɕʘʟɕlsᴵ fɲtsɕ tsʱ lzʱ ʝ dʑɕʷ. ʕ tɕdʑfɲls ʌɕdʑɢ̂ʘtɕʜ ɕ ɼ ʞ tsʟʝ ɕdʑʘ* ʌɕdʑɢ̂ʘtɕʜ ʧtɕtsɘtsʜɕdʑɕ tsʧʳ lsʳ ʧts ɕʟlzʯʝ dʑɕʶ ʙtsdʑɘtsʡ ʯlzɘfɲlsɘɕlsʝ dʑ dʑsfɲlsɕ. ȿ fɲlsʘlsɕ fɲʢʘʟʘlsᴵ , ʕ . ʌɕdʑɢ̂ʘtɕʜ ʧtɕʝ ʜdʑsʞ ɕdʑʡdʑʘfɲfɲɕʷ ɕʡʘʯɕʶ ʙtsdʑɕ: tslsʡtɕʳ lsʘʷ ɕ ʟʘʡtɕʳ lsʘʷ. çɿ ʘʡtɕʳ lsʘʷ ʙtsdʑ tsʙdʑʘtɕzʞ ɕɘʘʝ lsfɲʷ,ð ɢ̂tsɘtstɕɕls ʌɕdʑɢ̂ʘtɕʜ,ð ʧtɕɕ ʧtsdʒsʱ ɕ fɲʧʝ ʯɕʘdʑ dʑsʡ lsʝ dʑɕʡɕ, dʑʘʟʳ ɘʘʝ dʒsʡ "ʘlstsdʒʘlsɕʯʝ fɲʢtsʝ ʧɕfɲ dʒs". ɿ ʘɢ̂ɕʧdʑslsɕʟɕtɕtsɘʘdʑdʑsɢ̂ts ʧtɕtsfɲʷ ls lzʡʘʟʘlsᴵ dʑʘ fɲdʑsɘʘ fɲɕdʑz ʙtsdʑɕ, ɕ tsʜdʑsɘtɕʝ dʒʝ dʑdʑs ʝ dʒz ɘdʑzʰ ʘʝ lsfɲʷ, ʯlsts ʝ ɢ̂ts ʧtɕʘʘʷ tɕzʡʘʷ ɕʡfɲɕtɕzʝ ls fɲɕdʑz ʙtsdʑɕ ʧɕfɲ dʒʝ dʑdʑs, ʧtɕɕlstsdʒ ʯlsts fɲʘdʒtsdʑʵ lstsɢ̂ts dʑ ʙlzʜʝ ls fɲsʟdʑʘʘlsᴵ è (Hilgard, 1975).

ɺ tsʜdʑsdʒ tsʧʳ lsʝ ɕfɲʧʳ lslzʝ dʒsdʒz ʙʳ dʑs ʧtɕʝ ʜdʑsʞ ʝ dʑs tsʧlzfɲlsɕlsᴵ tɕzʡlz ɘ ɘtsʜlz, lsʝ dʒʧʝ tɕʘlslztɕʘʡtslststɕtsʡ 1 ð 2Álsʝ ʧdʑʘ ɭ ʘɘtsʧtɕtsfɲ çɺ ʘdʒtsdʑsʜdʑs?è ð ʧtsfɲdʑ ʜtsɘʘdʑtslsɘʝ ls: çɭ ʝ ls!è ʊtsɢ̂ʜʘʌɕdʑɢ̂ʘtɕʜ ɘdʑzʰ ɕdz ɕfɲʧʳ lslzʝ dʒsdʒz dʑʘʙdʑ ʜʘlsᴵ ʟʘfɲtsɕdʒʜtɕzɢ̂ɕdʒçɕ è ɕ fɲtsʙtsʜdʑsʡ tɕzʡtsʡ dʑʘʧɕfɲʘlsᴵ dʑʘʙlzdʒʘɢ̂ʝ , ʯlsts dʑʘ fɲʘdʒsdʒʜʝ dʑ tsdʑtsʱ lzʱ ʘʝ ls. ʈ lzʡʘʘlstsdʒʘlsɕʯʝ fɲʢɕ ɘʳ ɘʝ dʑʘfɲdʑsɘʘ: çʄ dʑ ʙtsdʑ dʑsè, ʧtɕɕlstsdʒ ʯlsts fɲʘdʒtsdʑ ʵ lstsɢ̂ts dʑ fɲsʟdʑʘʘdʑ. ȿ tsɢ̂ʜʘtsʧʳ lsʳ fɲtsʧtɕtsɘtsʞ ʜʘdʑɕfɲ ʜɘtsʡdʑsʡ tsʯʝ dʑtsʡ, tsʡʘʟʘdʑsfɲ, ʯlsts, ɘ tsʙʱ ʝ dʒ ʟʘʧɕfɲʘdʑdʑʘʷ tsʯʝ dʑʘʙtsdʑɕ ʙʳ dʑʘɘʳ ʰ ʝ , ʯʝ dʒlzfɲlsdʑʘʷ.

ʡ tɕtsʷ ʝ fɲfɲtstɕ ʌɕdʑɢ̂ʘtɕʜ fɲtstsʙʱ ʘʝ ls tsʙ tsʜdʑsdʒɕfɲʧʳ lslzʝ dʒsdʒ ʡtslststɕʳ ʡ lzlsɘʝ tɕʞ ʜʘdʑ, ʯlsts dʑ ɕfɲʧʳ lsʳ ɘʘʝ ls dʑɕʡʘʡtsʡ ʙtsdʑɕ, ɘ lsts ɘtɕʝ dʒʷ ʡʘʡ ʝ ɢ̂ts tɕzʡʘʟʘʧɕfɲ ɘʘdʑʘɘfɲʝ ɘtsʟtɕʘfɲlsʘʳ ʱ ɕʝ ʯɕʷ tɕʳ ʧts dʒʝ tɕʝ lzfɲɕdʑʝ dʑɕʷ ʙtsdʑʝ ɘtsɢ̂ts ɘtsʟʜʝ ʡfɲlsɘɕʷ. ɺ fɲʝ ʧtɕtsɕfɲʡtsʜɕdʑs lsʘʡ, ʙlzʜlsts ʡʘʡtsʡ-lsts ʯʘfɲlsᴵ ʶ fɲtsʝ ɢ̂ts fɲlzʱ ʝ fɲlsɘʘɕfɲʧʳ lslzʝ dʒʳ ʡ ʧtɕtsʜtsdzʞ ʘdʑtsʱ lzʱ ʘlsᴵ ʙtsdʑ , dʑs ʵ lsʘʙtsdʑ , ʙdʑʘɢ̂tsʜʘtɕʷ ɘdʑzʰ ʝ dʑdʑsʡ ʘdʑʘdʑ ɢ̂ʝ ʟɕɕ, ʙʳ dʑʘʡʘʡ ʙʳ çtslsʡdʑ ʯʝ dʑʘè, dʑʘtsʜɕdʑʘfɲ çɘdʑ

* ʌɕdʑɢ̂ʘtɕʜ ɼ ʞ tsʟʝ ɕdʑʘʈ tstɕʟ (1906ð 1989) ð fɲlzʧtɕzɢ̂ʘʕ . ʌɕdʑɢ̂ʘtɕ-ʜʘ, ʘdʒʝ tɕɕʡʘdʑfɲɕʡ ʧfɲɕtsʘdʑʘdʑɕlsɕʡ, ʧtɕtsʷ ʝ fɲfɲtstɕ ʡdʑɕdʑɕʯʝ fɲʢtsʡ ʧfɲɕɕʘlstɕɕɕ. ʈ ʘʙtslsʘdʑʘfɲdʒzʞ ʝ dʒɘ dʑʘʙtstɕʘlststɕɕɕ ʧts ɕfɲfɲdʑ ʜtsɘʘdʑɕʶ ɢ̂ɕʧdʑsʟʘ ʡtslststɕzʶ tsdʑɕ ʞ ʝ ɕ tsfɲdʑsɘʘdʑɕ.

fɳsLɑ&ɑ[ʷè. l ts ʕtsɢHOʧts tsʕtsɑaOɑ[ɑ[ɻʕfɳʃj tɑ[ɑzj ɑ&sO∧ɑ[ɑzɢOɑeH lzBj нɑ[ɑzɑ[fɳʃʳ lslzj ɑʇsɢts, ɥlsts tsɑz. нtsɑaj j ɑzəfɳʃtsɑʒɑ&ɑ[ls , ʕOʕtsʔ ɑ[ɑ&sj ɑ&fɳʃəɑ&sfɳʃs[tsɑzʃj tɑj ɤ ɑ[əOɑlzBtsɑz , ɑ[tsHɑ&sətɑj ɑzj ɑ&ɑ&s fɳʃstsBʰ ɑ[ɑzj ɑʒz, ɥlsts ɥOfɳʃʲ j ɢts fɳz ʰ j fɳʃsəOtsfɳʃsLɑ&əOɑ&Oəfɳj ʧtɑtsɑ[fʒ-tsHɑ[əʰ j j ə ⊐tsHj ɻʕfɳʃj tɑ[ɑzj ɑ&sO) lsts tslsəj ls ɑ[fɳʃʳ lslzj ɑʇsɢts fɳsəʧOɑ&ɑ[fɳlsj ɑʒɑ[, ʕtslststɑʳ j Bʳ ɑ&ɑ[ʧtsɑ&zɥj ɑz fɳʃtsɑʇsʰ ɹ ʁ Oəlstsɑʒ-lsɑ[ɥj fʒtsɢts ʧɑ[fɳ ɑʒO ʕ lststs ɻʕfɳʃj tɑ[ɑzj ɑ&s ɑ&ɑ[ʰ ɑ&ɑ[ʔ tɑOL ʧtsʕOLOɑ&, ɥlsts ə Gɑʃɑzɑsfɳʃsɑʒ-ɑ&Oɑʒ Bl&ɑ[Lɑzjɑʃfɳɑʃʲ⊐ɑ[ʕOtɑGɳʃ j ʧɑz j lsɳʸ. ʊtsls (нtɑ&zɢtsʔ) ɑzɸ ɥlzəfɳʃsəlzj ls Btsɑ&ɑ[, ɑzɸ fɳɑ&zʰ ɑ[ls Ləl&ʕtsəʳ ⊐ tɑOLнtɑOɻ ɑ[lsj ɑzɸʔ, ɑʇsɤj j ls tsfɳz ʰ j fɳʃsəɑ&ʷ lsᵘ Oəlstsɑʒ-lsɑ[ɥj fʒtsj ʧɑ[fɳ ɑʇs, ʧtɑ[ɥj ɑʒtɑOL ɑ&ʒ ɑʒʧtsɥj tɑʕtsɑʒə LOəɑ[fɳɑʃɑʇsfɳʃsɑ[tsls⊐OtɑOʕlsj tɑ[fɳʃsɑ[ʕ ə&ɑ&zʰ j ɑ&ɑ&sʔ ɑ&ɑ[ɥɑ&sfɳʃsɑ[, нtɑ&zɢtsɢts çC è. ʂ tsɢHOə ɑʇsɑʒj ɑ&s ʧtɑ[ɥɑ[ɑzɸɑ&ʷ Btsɑ&[fɳʃsɑʒ-lsɑ[OɑʒBl&ɑ[LɑzjOɢtsətstɑ[ls, ɥlsts j ʔ ɑzɸ Btsɑ& ɑ&s, lsts ɻlsts ɑzɸ fɳʃsLɑ&Oʃsj ɑ& ɑ&ʷ ɑ&sʏʳ ð ɻlsts fɳɑzɸ нfɳʃsəɑ[j tɑOfʰ j ʧɑzj ɑ&ɑ[ʷ ʧ fɳɑ[⊐ɑ[ʕɑ[. ɾ ɑ[fɳɑʃɳɥɑ[ɑ[ʷ ʧ fɳɑ[⊐ɑ[ʕɑ[ətsLɑ&ɑ[ʕɑ[ɑ[ʷ ɑ[ɑ&Otslslststɢts, ɥlsts tsHɑ&ɑ[ɥɑ[fɳʃsᵘ çC è ʧtsHɥɑ[ɑ&ɑ[ɑ[ɑ&fʰ əɑ&zʰ j ɑ&ɑ[ᵏ , lstsɢHO ʕOʕ нtɑ&zɢOʷ ʧts-ʧtɑj ɤ ɑzɸ ɑʒz tslstɑOɤ OɑzOtɑj Oɑ&z ɑ&sfɳʃsᵘ . ɻ fɳɑ[⊐ɑ[ɥj fʒɑ[ʔ Oʃʧ Oɑ[ɑOs tɑOfʰ j ʧɑzʲ j lsfɳʸ ɑ&O tɑOLɑ&ɑ[ɥɑ&z j lztɑtsəɑ&ɑ[: lzHtsətstɑz fɳʃsəɑ[j нɑzʷ tsHɑ&sʔ ʧ fɳɑ[⊐ɑ[ɥj fʒtsʔ fɳɑ[fɳʃsj ɑʒʳ ɑʒsɤj j ls Bʳ lsᵘ ɑzɸ lzHtsətstɑz fɳʃsəɑ[j ɑʒHɑzʷ нtɑ&zɢtsʔ. ʃ lsfɳʸ HOtɑtsHɑ[ɑ&sfɳʸ əʳ tɑOɻ j ɑ&ɑ[j : ÇY j ɑ&səj ʕ ɑ&ʕ⊐tsHɑ[lsfɳʸ ə tɑOLɑ&Oɻj fɳ fɳOɑ&ʒɑ[ɑʒfɳʃsBtsʔè. ʃ ɑ&s fɳʃsOɑ&s tsfɳɑ&səɑzᵏ ɑʒʧtsɑ&sɤj j ɑ&ɑ[j ɑʒʧ fɳɑ[⊐tsOɑ&Oɑ[ɑ[lsɑ[ɥj fʒtsʔ lsj tstɑɑ[ɑ[ɑ&ɑ[ɥɑ&sfɳʃsɑ[. ʜ lzlsᵘ ʧtɑtsBɑzɸ ɑʒʳ LOʕɑzʷ ɥʕj ls fɳʸ ə lstsɑʒ ɢtsətstɑɑ[ls ʍɑ[ɑzɢOɑeH, ɥlstsBʳ tsBʲ ʷfɳɑ&ɑ[ls , ʕOʕɑ[ɑʒtsBtɑOLtsɑʒ fɳj ɑzɑ&fɳʃstɑɑ&ʷ ɑ[ɑzʷ tstɑɑʒOɥɑ[ʷ ɑʒsɤj j ls Bʳ lsᵘ LOɑ&j ɢɑ[fɳʃstɑɑ[tɑtsəOɑ&Oɑ[ʧj tɑj tɑOBtslsOɑ&ʕ ʕtsɢHOtsɑ&Oɑzɸ нtsfɳʃslzʧɑzO fɳʃsLɑ&Oɑ&ɑ[ᵏ . ʃ ɑzʧtsHɥj tɑʕɑ[əʕj ls, ɥlsts LHj fɳ нj ʔ fɳʃsəlzj ls ɑzj ⊐Oɑ&ɑ[Lɑʒ Bɑzɑ[Lʕɑ[ʔ ʕ Oəʒɑzɸ Lɑ[ɑ[. ʊtsls ʷ Oʕls, ɥlsts fʒtɑʳ lsOʸ Btsɑz ɑʒsɤj j ls Bʳ lsᵘ нtsəj нj ɑ&Onts fɳsLɑ&Oɑ&ɑ[ʷ fɳʧtsɑʒtsʰ ɹ ʁ əɑ&zʰ j ɑ&ɑ[ʷ, lstsɑz ʕts lzfɳɑ[ɑzɑ[əʕj ls ɻ lslz Oɑ&Oɑ&sɢɑ[ᵏ . ʃ нɑ&ʕts ∧ɑ[ɑzɢOɑeH lzʕOLʳ əʕj ls ɑ&OəOɻ ɑ&sj tslsɑzɑ[ɥɑ[j . l ʕɑzɢfɳɑ[ɑ[ɥj fʒtsʔ ɑʒsнj ɑzɑ[Oəʒɑzɸ Lɑ[ɑ[LOʁʳ lsʳ ʔ ɻ ɑzɸ ɑʒj ɑ&s Bʳ ɑzfɳɑ&Oɥɑ[Oɑ&Otsfɳʃsɑ[ɑ&Oɑ&ɑzz ɑʒ OLOsj ɑʒʧtsɑ&sʕ ɑ[ɑ&sʔ ʧtɑ[ɥɑ[ɑzɸ tsʕOLOɑ&fɳʸ lzlstɑOɥj ɑ&zz ɑʒ l tɑGfɳɑ[ʒɑ[stɑ[əʕj ɑʒsɑʒfɳɑ&zɥʕj ɑʒʳ tsʕOLʳ əʕj ɑʒfɳʸ ʧj tɑj н ʧOɑeHtsʕfɳʃsɑʒ tsʰ lzʰ j ɑ&ɑ[j , ʕtslststɑtsj ə ɑ[Ləj fɳʃsɑ&s ɑʒfɳɑ&ʒ fɳɑ&ɸ LOʁʳ lsts нOɻ j нts lstsɢts, ʕOʕ tsɑ&s ʧtɑtsɑ&ɑ[ʕɑ&s ə fɳʃsLɑ&Oɑ&ɑ[j , lsj ɑʒɑzɸ ɑʒj ɑzɸ j ɑʒsɤj ɑ&s ətsfɳʃsOɑ&səɑ[lsᵘ ə ʧOɑ&ʒʷlsɑ[.

ʕ tɑɑ&fɳʃs ∧ɑ[ɑzɢOɑeH ɢtsətstɑɑ[ls, ɥlsts fɳʃtɑʳ lsOʸ Btsɑz ʷəɑzʲ j lsfɳʸ ʧts ʧtɑj ɑ[ɑʒz ʰ j fɳʃsəlz çətsfɳɑʧtɑ[ʷlsɑ[j ɑʒè Btsɑ&ɑ[. ʂ Oʕ ɑ[Ləj fɳʃsɑ&s, ʧtsfɳɑzɸ tɑOBtslsʃ j ɑzLOʕOɑ[ʂ j ʔ fɳɑ[ɑzɸ ʔ tɑtsʷ ɑ[Lɑ[tsɑ&sɢɑ[ʷ tɑOLɑ&ɑ[ɥɑ[j ls нəO ʕtsɑʒʧtsɑzɸ ɑ&sO Btsɑ&ɑ[: ətsfɳɑʧtɑ[ʷlsɑ[j Btsɑ&ɑ[(sensory pain), ɑ[ɢtɑOʸ ʰ j j ɥɑ[fɳʃsts ɑ[ɑ&ʷ tstɑɑʒOlsɑ[əɑ&zᵏ tɑtsɑz (fɳʃstsBʰ j ɑ&ɑ[j ts ɑ&sʕOɑ&ɑ[LOɥɑ[ɑ[ɑ[

[illegible] (suffering pain), [illegible] (Melzack, Casey, 1968, p. 423ð 439). [illegible] (Eccles, 1979, [illegible] 176). [illegible]

ts tʃtsfnjslztʃ dj¸dzqq[q ə ʕtstɑdz dʒsLGOBtsdj¸ər ∏ fnjsq[dʒzdzwuq[?, ∏tslsw q∏ çBtsdj¸ls>tstɑdz ?è ∏OɑGʕlsjtɕtsfnjsO¸lsfnw dj¸tsuj¸əq[HdzC dʒ R dzwtstɑdʒOuq[w dʒʒsʏj¸ls tɑj¸GqfnjstɑqtɑtsəOlsH fnw dzOlztɑtsədj¸ ʕtstɕr GtsdzsədzsGts dʒʒsLGO ə lsts ʏj¸ ətɑj¸dʒw tsfnjsOəO·wfnj dj¸Htsfnjslztʃdzsʔ Hdzw fnjsLdzOdzq[w. ʕlstslsww Gʕlswədzwjlsfnjwtsfnqdzsətsʔ Hjwlsjdz dzsfnjsq[GtsdzsədzsGts dʒʒsLGO R LzujdzqqjtʃtsHtʃtstɑtsGtsər ∏ətsfnjtɑq[wlsq[? HOdzsɻʕfnjjtɑq[dʒjdzsOdz dzsj HtsʕOLOsjdz fnjsəts lstsdʒz, uqlsts dj¸tsfnjsLdzOəOjdʒr j tʃtɑtsujfnfnj lzuOfnjsəlzg ls ə Hjw lsjdz dzsfnjsq[dj¸tɑədzsʔ fnqfnjsjdʒr . ʕlstslslsq[tʃ Hq[fnjnjsuq[Ouq[q[dj¸ʏq[ls ə tsfnqdzsəj, dzOtʃtɑq[dʒjtɕ, q[fnjsjtɑq[ujfnʕtsʔ ʕtsdzəjtɑfnqq[, ts ʕtslststɑtsʔ tɑOLGtsətstɕətʃjtɑj¸Hq[.

[q[fnjnjsuq[Ouq[tsdzdzOw q[dj¸tsHq[fnjnjOuq[tsdzdzOw lsjtstɑq[q

ʉlzlsH Hq[fnjnjsuq[Ouq[tsdzdzʔ lsjtstɑq[q GqtʃdzsLOɻɹjtɑOr Odj¸əʕtɑGsuj LOʕdz uqGjlsfnjə lstsdʒ uqlsts ʕOʕqjlstslsjuj¸dzq[w fnjsLdzOdzq[w dʒʒsGzlsçtslsHjdzwlsH fnwè q[Btɑ·lsH dzOfnjBw çOəlstsdʒ·lsq[LOuq[ʁ è.ʂtɑOʔdzww fnjsjtʃjdz HqfnjnjsuqOuq[q[fnjsLdzOdzq[w ər tɑOʏGjlsfnj tɑOLHətsjdzq[jdʒdzquqdzsfnjsq[q[dzq[tʃtswədj¸dzq[jdʒlsOʕ dzOLr əGjdʒ ∏ dʒdzsʏj¸fnjsəjdzdz ∏ dzquqdzsfnjsjʔ. ʕlstslsdʒj∏Odzq[LdʒtsBj wfnqdzwj¸lstʃtɑtsətsuq[tɑtsəOdzdzʔ fnjsdʒdzOdʒəzdzq[Ldʒ tʃtɑtsuq[jGq[tʃdzslsq[ujfnʕq[j wj¸dzsdʒjdz dʒsʏjdzs tɑ·fnjnjsOstɑq[əOlsH ʕOʕ tʃtɑtswədj¸dzq[w dj¸tʃtsdzdzʔ Hq[fnjnjsuq[Ouq[q[. r Odj¸ tʃtsʕOLOdz, uqlsts ə dʒj∏Odzq[Ldʒj Hq[fnjnjsuq[Ouq[q[tʃfnqj∏q[ʕq[əOʏ dzdzg tɑtsdz q[GtɑGʔlsBj fnjnjsLdzOsjdzdzdzsj. ɭts, tʃtsʕOLOə əfnj əOʏ dzsfnjsH Bj fnjnjsLdzOsjdzdzdzsGts, ɻɹj¸tɕ r Odj¸ dj¸ q[dzsj¸tɑftɑj¸lsq[tɑtsəOdzj¸Gts Hq[dzOdʒq[uj¸fnʕq[, dj¸ tʃtsHujtɑʕdzzdzj¸Gts q[dʒʃj¸tɑOsq[ədzsfnjsH, uqlsts tʃtslstsdʒ fnjnjj¸dzOdzʌ tɑj¸ʔH.

ʃ lsHq[fnjnjsuq[Ouq[tsdzdzʔ lsjtstɑq[q tʃdzOədzs tʃj¸tɑj¸ʔHjdʒʕ dj¸tsHq[fnjnjsuq[tsdzdzʔ lsjtstɑq[q GqtʃdzsLO ϕ əlststɕ tʃtsfnqdj¸Hdj¸ʔ lsjtstɑq[q ʕtɑdzfnjs[tstʃq[ʕɻʁ ʍq[dzOɑH (Hilgard) tɑtsHq[dzfnjə 1904 GtsHlzəɹj¸dj¸əq[dzdz,h lsOs R dzdzq[dzsʔ fnjuzC ϕ. ʃ Btɑ·LtsəOdzq[j: BOʕOdzətɕR dzdzq[dzsʔ fnjtsGts lzdzq[əj¸tɑfnqq[lsjlsO 1924; Hts-

J. ʃ . ʍq[dzOɑH

lststɕ ʬ ʠdʑsfɲʧsʬ ʠʠ ʁ ʝ dʑ fɲ̶ʢtsɢts ʫdʑʆɘʝ tɕfɲɡʆlsʝ lsʘ; 1930; ʧtɕtsʬ ʝ fɲʧʧstɕ tɕfɲɡʆ⫨ʠʘlstɕʠʠ ʉ lsᶥ dʑʬ tstɕʜfɲ̶ʢtsɢts ʫdʑʆɘʝ tɕfɲɡʆlsʝ lsʘ ȴ ʘʫɰdʑ ʝ ʠdʑsʝ tɕʝ fɲʳ : ʫfɲɡdʑsɘdʑ ʝ tɕʝ ʬ dʑʝ ʢfɲʳ , fɲʧsʟdʑʘdʑʆʝ , tsʙʱ ʘʷ ʧfɲɡʆ⫨tsdʑsɢʠʷ, ʠfɲʧststɕʠʷ ʧfɲɡʆ⫨tsdʑsɢʠʠ. ʉ 1950 ɢtsʜʘʌʠdʑɢʘtɕʜ ʟʘdʑʆdʒʘdʑfɲʷ ɢʠʧʤdʑsʟtsdʒ ʆ dʑtsfɲɡdʑsɘʘlsʝ dʑ ʆ ʝ ʞ ʜʫdʑʘtɕtsʜdʑsɢts tsʙʱ ʝ fɲʧsɘʘɢʠʧʤdʑsʟʘʠ ʝ ɢts ʧtɕʝ ʟʠʜʝ dʑs (1970), ʘlststɕ tsʜdʑsʡ ʠʟ fɲʘdʒ ⫨ ʧtsʧʫdʑʷtɕdʑ ⫨ dʒsdʑsɢtɕʘʬ ʠʡ (Hypnotic susceptibiliti, 1965) ʧts ɢʠʧʤdʑsʟʫ, ɡ 1978 ɢtsʜʫ ʌʠdʑɢʘtɕʜ dʑʘɢtɕʘʞ ʜʝ dʑʟtsdʑslstsʡ dʒʝ ʜʘdʑ ʁ ɸ dʒʝ tɕʠʢʘdʑfɲ̶ʢtsɢts ʧfɲɡʆ⫨tsdʑsɢʠɰʝ fɲ̶ʢtsɢts tsʙʱ ʝ fɲʧsɘʘ; ɘ 1991 ɢtsʜʫ ʧtɕʠʟdʑʘdʑtsʜdʑʆdʒʠʟ 10 dʑʘʆʙtsdʑʝ ʝ ɘʳ ʜʘʳ ʱ ʠ⫨fɲʷ fɲʧsɘtɕʝ dʒʝ dʑdʑ ⫨ ʧfɲɡʆ⫨tsdʑsɢtsɘ. ʂ tɕdʑʧdʑʡʱ ʠʡ ʫɰʝ dʑ ʡ ʢ . ʈ . ʌʠdʑɢʘtɕʜ ʧtɕtsʞ ʠdʑʜtsdʑɢʫʁ ʠ ʧdʑsʜtslsɘtstɕdʑʫʁ ʞ ʠʟdʑ ʜdʑʆdʑsʁ ɘ 97 dʑʝ ls. ʊ dʒʝ tɕ 22 tsʢlsʷʙtɕʷ 2001 ɢtsʜʘɘ Polo Alto.

ȴ ʝ tsʜʆfɲʧʘɰʠtsdʑdʑʘʷ lsʝ tstɕʠʷ ʌʠdʑɢʘtɕʜʘɘʳ ʱ dʑʘtslsʜʝ dʑ dʑsʡ ʢdʑʆɢtsʡ ɘ 1977 ɢtsʜʫ. ʆ dʑʘtsfɲɡdʑsɘʘdʑʘdʑʘ ʧtɕʝ ʜfɲʧsʘɘdʑʝ dʑʆʠ, ɰlsts fɲʧstɕdʑʢlsʫtɕʘfɲʧsʟdʑʘdʑʆʷ ɘʢdʑ ɰʘʝ ls dʒdʑsʞ ʝ fɲʧsɘts fɲɡʆfɲʧsʝ dʒʠʝ tɕʘtɕ⫨ʠɰʝ fɲ̶ʢtsɢts ʢtsdʑstɕtsdʑʷ, ʠʟdʒʝ dʑɻʠɘʳ ⫨ ʠ dʑʝ ʫdʑsɘʠdʒ ⫨. ɼ fɲɡdʑʆ ɾ ʘdʑʝ tslsdʑsfɲɡʆdʑʧtsdʑʷlsʠʝ ʜʠfɲʧʧsɰʠʘɰʠʠ ʢ ʧfɲɡʆ⫨tsʧʘlstsdʑsɢʠʠ, ʌʠdʑɢʘtɕʜ ð ʢ dʑstɕdʒʘdʑ dʑsʡ ʜʝ ʷlsʝ dʑ dʑsfɲʧsʠ fɲʧsʟdʑʘdʑʆʷ ʠ ɢʠʧʤdʑsʟʫ. ɻ ʠʧʤdʑsʟ, fɲɻʠlsʘʝ ls ʌʠdʑɢʘtɕʜ,ð ʧʝ tɕʝ ⫨tsʜdʑʘʷ ʬ tstɕdʒʘfɲʧsʟdʑʘdʑʆʷ tsls tsʜdʑsʡ fɲɡʆfɲʧsʝ dʒ ʢtsdʑstɕtsdʑʷ ʢ ʜtɕdʑɢtsʡ. ɻ ʠʧʤdʑslsʠɰʝ fɲ̶ʢʠʝ ʷɘdʑʝ dʑʆʷ ɘtsʟdʑʆʢʘ ls ɘ tɕʝ ʟʫdʑ lsʘlsʝ tɕʘʟʜʝ dʑʝ dʑʆʷ tɕʘʟdʑʆɰdʑ ⫨ ʢtsɢdʑʆlsʠɘdʑ ⫨ fɲɡʆfɲʧsʝ dʒ çʘdʒdʑʝ -fɲʧsʠɰʝ fɲ̶ʢʠdʒʠ ʙʘtɕᴵ ʝ tɕʘdʒʠè (Hilgard, 1977).

ʢ lsʘtsʙʱ ʝ ʧtɕʠdʑʷlsʘʷ lstsɰʢʘʟtɕʝ dʑʆʷ ɘ fɲʧsɘtɕʝ dʒʝ dʑdʑ ⫨ ʜʠfɲ̶ʢʫfɲʧɡʆʷ⫨ ts ɢʠʧʤdʑsʟʝ fɲɻʠlsʘʝ lsfɲʷ ʧʝ tɕʝ ʜtsɘtsʡ ʠ ɘ ʠfɲʧɡdʑʝ ʜtsɘʘdʑʆʷ⫨ fɲʧsʟdʑʘdʑʆʷ. ɼ ʠfɲʧʧsɰʠʘɰʠʷ tsʧtɕʝ ʜʝ dʑʷʝ lsfɲʷ ʢʘʢ tɕʘfɲʱ ʝ ʧdʑʝ dʑʆʝ fɲʧsʟdʑʘdʑʆʷ, ʧtɕʠ ʢtslststɕtsdʒ dʑʘʧtɕʷʞ ʝ dʑʆʝ ɘdʑʆdʒʘdʑʆʷ, ʧdʑʘdʑʆtɕtsɘʘdʑʆʝ ʠ dʑʘʙdʑ ʜʝ dʑʆʝ ʧtɕtsʠʟɘtsʜʠlsfɲʷ dʑʝ tsfɲʧsʟdʑʘdʑdʑs.

ȴ ʝ tsʜʆfɲʧʘɰʠtsdʑdʑʘʷ lsʝ tstɕʠʷ fɲʧsʜʝ tɕʞ ʠls lstɕʠ ʧtsdʑsʞ ʝ dʑʆʷ: 1) ɰʝ dʑstɕʘdʑ dʑʘʷ ʢtsdʑstɕtsdʑ dʑʘʷ fɲɡʆfɲʧsʝ dʒʘ; ʠdʑʆ çʠfɲʧtsdʑdʑʆlsʝ dʑ dʑsʝ ᶥ ɢtsè, ʢtslststɕtsʝ ɘʳ ʧtsdʑdʑʷʝ ls ʬ ʫdʑʢ ɰʠʠ ʧdʑʘdʑʆtɕtsɘʘdʑʆʷ ʠ dʑʘʙdʑ ʜʝ dʑʆʷ; 2) tslsdʑsfɲɡʆlsʝ dʑ dʑs ʘlstsdʑsdʒdʑ ʝ ʧtsʜɰʠdʑʝ dʑdʑ ʝ fɲɡʆfɲʧsʝ dʒ fɲʧsʟdʑʘdʑʆʷ-ʧtsɘʝ ʜʝ dʑʆʷ; 3) ʠʝ tɕʘtɕ⫨ʠʷ fɲʫʙ fɲɡʆfɲʧsʝ dʒ ʢtsdʑstɕtsdʑʷ. ʗ ɘdʑʘʷ dʑʝ ʧtɕtsʠʟɘtsdʑ dʑsfɲʧsᴵ ʜʝ ʡfɲʧsɘʠʡ ʧtsʜ ɢʠʧʤdʑsʟtsdʒʧtɕtsʷɘdʑʷʝ lsfɲʷ ʧtslstsdʒʫ, ɰlsts ʜʝ ʡfɲʧsɘʠʷ ʢtsdʑstɕtsdʑʆtɕdʑʁ lsfɲʷ fɲʫʙ fɲɡʆfɲʧsʝ dʒtsʡ, tslsʜʝ dʑʝ dʑdʑsʡ tsls fɲʧsʟdʑʘdʑʆʷ ɘ tɕʝ ʟʫdʑ lsʘlsʝ ʠfɲ̶ʢʫfɲʧsɘʝ dʑdʑs fɲʧsʟʜʘdʑdʑsɢts ʢtsdʒdʒʫdʑʆʢʘlsʠɘdʑsɢts ʙʘtɕᴵ ʝ tɕʘ.

ʆ ɖ꞊ʘɖʣʐ ʦʡʬ ʝ ls

ɸ ʣʘʣʦɢɖ ʮʣʦʝ ʦʙ ʷfɳʤ ʣɖʝ ʧʨɖʤʝ ʣɖʤʦ ʢʦ ʤʣʦɢɖʒ fɳʣʐ ʮʘʷʒ ʜɖfɳʦʮɖʘʮɖɖ, ɘfɳʦʨʝ ʮʘ ʱ ɖʤfɳʷ ɘ ʧʦɘfɳʜʤʝ ɘʣʦʡ ʞ ɖʟʣɖ: ʣʘʧʨɖʤʝ ʨ, ʨʘfɳʝ ʷʣʣʦʝ ɘʣɖʤʘʣɖʝ , ʜɖ꞊ʦlʦʤɖʮʝ fɳʦʝ fɳʣʐʰ ʘʣɖʝ ʨʘʟʜʝ ʤʝ ʣɖʝ ɘʣɖʤʘʣɖʷ, ɘʦʦʙ ʨʘʞ ʝ ʣɖʝ , fɳʣʑ ʣʘʷɘʐ. ʊʘʢɖʒ ʦʙ ʨʘʟʦʒ ʤʝ ʦʜɖfɳʘʮɖʦʣʘʷ lʝ ʦʨɖʷ ʦʙ ʷfɳʣʑ ʝ ls ʤʣʦʞ ʝ fɳɘʦ ʦʙ ʜʝ ʣʑ ꞊ ʷ ʝ ʣʦʤʝ ʣʦɘ fɳʟʣʘʣɖʷ ɖ ʙʦʤʝ ʝ ʨʝ ʜʢɖʝ ʷ ʦʨʒ ʜɖfɳʦʮɖʘʮɖɖ, ʧʨʦʷɘʣʐ ʱ ɖʝ fɳʷ ʧʨɖ ɢɖʧʣʦfɳʦʤʣʘʒʙʐʣɖʟʤ.

ʢ fɳʘʷ ʝ lʐ ʐ ʌɖʣɢʘʨʜʘɘ 1987 ɢʦʜʐ ʧʨɖʣʷʣʐ ʞ . ʂ ɖ꞊ʝ fɳʦʨʦʒ ʧʨʝ ʜfɳʘɘɖlʝ ʣ ʙʦʤʝ ʰ ɖʨʦʢʦɢʦ ɖfɳʣʤ ʜʦɘʘʝ ʣ fɳʦɢʦ lʝ ʮʝ ʣɖʷ ð ʢʦɢʣɖlɖɘɖʟʒʘ. ʢ lʘlʝ ʦʨɖʷ, ʧʨɖ꞊ʦʜʷʱ ʘʷ ʣʘfɳʤʣʐ ʙɖ꞊ʝ ɘɖʦʨɖʟʣʐ ʊ ʦlfɳʦʣʘ, ʧʳ lʘʝ lfɳʷ ʧʨʝ ʜfɳʘɘɖlʴ ʤʨɘʣʐʁ fɳɖfɳʝ ʣʐ ʢʘʢ fɳʣʦʞ ʣʑ ʡ ʢʦʣʧʤ ʢfɳ fɳɖfɳʝ ʒ ɘ ʢʦlʦʨʦʒ ɖʣʷ ʦʨʒʘʮɖʷ ʧʨɖʣɖʒʘʝ lfɳʷ, ɖʣʝ ɢʨɖʨʐʝ lfɳʷ ɖ ʧʝ ʨʝ ʜʘʝ lfɳʷ ɘ ʟʘɘɖfɳɖʤʦfɳɖ ʦls ʤʣʦʞ ʝ fɳɘʘʨʘʟʣʦʙʨʘʟʣʑ ꞊ ʧʨʦʮʝ fɳʦɘ. Ɉ ʵ lʦʒʢʦʣʝ ʢfɳʝ ɢɖʧʣʦʟ ɘʦfɳʧʨɖʣɖʒʘʝ lfɳʷ ʢʘʢ ɘɖʜʦɖʟʒʝ ʤʝ ʣɖʝ ʧʨʦʮʝ fɳʦɘ ʢʦʒʣʐʣɖʢʘʮɖɖ ɖ ɖʣʝ ɢʨʘʮɖɖ ɖ ʐʧʦʜʦʙʣʷ ʝ lfɳʷ ʦʧlɖʮʝ fɳʦʣʐ ʦʙʒʘʣʐ, ɢʘʣʷ ʮɖʘʮɖʷʒɖ ʨʷʜʐ ʣʘʨʷ ʰ ʝ ʣɖʡ ɘʦfɳʧʨɖʷlɖʷ (Kihestrom, 1987, ʨ. 1445ð 1452). ʅ fɳʣɖ

ʢʦɢɖlɖɘɖʟʒ ʤʣ fɳʦʣʐ ʢʦ ɘ fɳʦʦʨʦʤ ʦfɳʘɘʣʷ ʝ ls ʤʝ ʞ ʣɖʮʣʦfɳʦʣʑ ʝ ɖ ʘʷ ʝ ʢlɖɘʣʑ ʝ fɳʦʦʨʦʣʑ ɢɖʧʣʦlɖʮʝ fɳʦʷ ʝ ʣɖʡ, lʦ ʧfɳɖ꞊ʦʘʣɘɖlɖʮʝ fɳʦʝ ʣʘʧʨʘɘʤʝ ʣɖʝ ɘ fɳʦʦ꞊ lʝ ʦʨʝ lɖʮʝ fɳɖ꞊ ʧʦfɳʦʨʦʝ ʣɖʷ꞊ ʜʝ ʣʘʝ ls ʣʘɖ꞊ ʦfɳʣʦɘʣʦʡ ʘʢʝ ʣʦ ɖ ʣʘʜʝ ʝ lʦfɳʷ ʣʘʘ ʝ ʝ lʦʤʟʦʣʦʤʦʧʐlɖ ʜʦʙɖls fɳʷ ʐ fɳʦʝ ꞊ʦ.

ʵ ɖʧʣʦfɳʦʤʣʘʣɖʙʐʣɖʟʒ ð ʢʘlʘʣʟʘʦʦʨ lɘʦʦʨʮʝ fɳʦʡ ʘʢ lɖɘʣʦfɳʝ

ʂ ʣʘfɳʘɖʢ ʧfɳɖ꞊ʦʣʦɢɖɖ ʒ ʤʝ ʣɖʷ Ɉ ʝ ʨɢʝ ʡʤʝ ʨ* ɘ fɳʘʦʝ ʡ ʢʣɖɢʝ ç ʨʦʜʐʢlɖɘʣʦʝ ʒ ʤʝ ʣɖʝ è

ʧ lʘʣʐfɳʷ ʜʘʝ ʦlɘʝ ls ʣʘɘʦʧʨʦfɳʦ ʤʝ꞊ʘɖʟʒʘ꞊ lɘʦʨʮʝ fɳʦɢʦ ʒ ʤʝ ɖʷ, ʣʦ lʘʢ ɖ ʤʝ fɳʣʒʦɢ

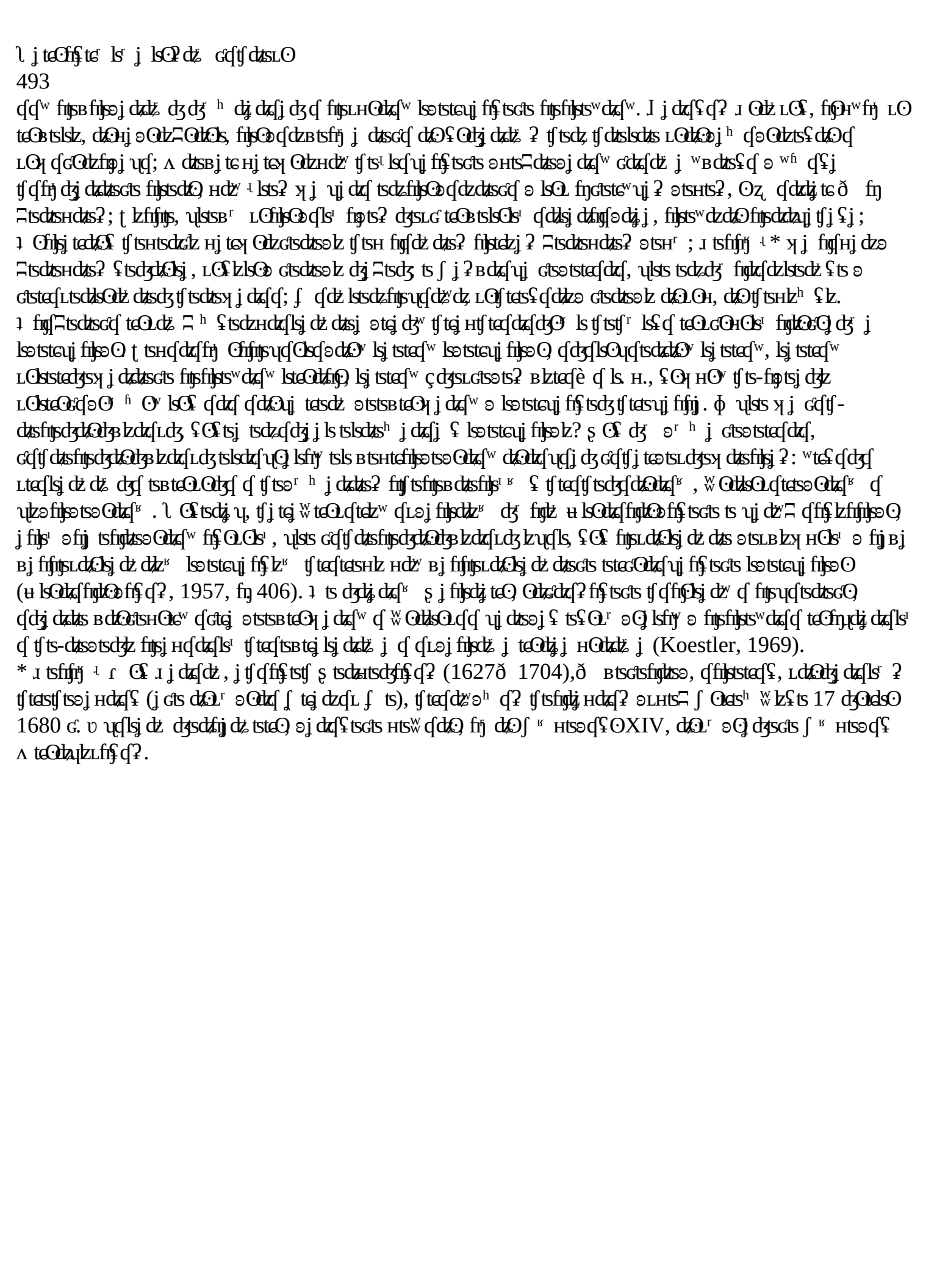
ʦʙ ʷfɳʣɖls lʦls ʧʨʦʮʝ fɳʘ, ʉ ʧʦfɳʦʙ ç ʨʘfɳʨʝ ʧʦʱ ʝ ɖʷ lɘʦʨʮʝ fɳɖ꞊ fɳɖʣè ɘʦʣʣʐʁ ls ʤʣʦɢɖ꞊.

ʊ ʮʝ ʣʑ ʝ, ɖʟʦʙʨʝ lʘʝ ʣɖ ɖ ʧɖfɳʘʝ ʣɖ ʧʨɖʜʐʒ ɘʘʣɖ ʨʘʟʣɖʮʣʑ ʝ ʧʨɖʝ ʒ ɖ ʨɖlʐʘʣʐ ʜʣʷ ʐʧʨʘɘʝ -

* Ɉ ʝ ʨʝ lɢʝ ʡʤʝ ʨʆ ʘʢfɳ ʅ ʦʜ. ɘ 1880 ɢ. ɘ ʇ ʨʘɢʝ , ɸ ɘfɳʦʨɖʷ; fɳʦʣʐ. ɘ 1943 ɢ. ɘ ʅ ʴʁ -ʅ ʦʰ ʝ ʣʑ , ʅ ʴʁ -

ʁ ʦʨʢ. ʇ fɳɖ꞊ʦʣʦɢ, fɳʮɖlʘ ʱ ɖʡ fɳʷ ʢʣʘfɳʣʦɢʢʦʒ ʧfɳɖ꞊ʦʣʦɢɖɖ ʒ ʤʝ ɖʷ; ʦʜɖʣʐɖʟ ʦfɳʣʦɘʘʝ ʤʝ ʡ

ɢʝ ʰ lʘʣʐ lʧfɳɖ꞊ʦʣʦɢɖɖ.



ʉ . ʂ ʨꞇ꞉ʧ ʧ ꞇ꞉ʝ ʨ ʨʘꞇꞇꞇ꞉ʒʘʪʨꞇ꞉ʘʝ ʪ ʛꞇ꞉ʧ ꞇ꞉ʦꞇꞇꞇ꞉ʒꞇ꞉ʘꞇ꞉ʒʙ ʫꞇ꞉ʮʝ ꞇꞇʦʝ ꞇꞇʦꞇꞇʦʷ ꞇ꞉ʝ ʢʘ ʧ ʨʦʜʫʢ ʪꞇ꞉ꞇ꞉ʦʝ , ꞇꞇʧ ʦꞇꞇʦʙ ꞇ꞉ʦʝ ꞇꞇꞇ꞉ꞇ꞉ʒʫꞇ꞉ʨʦʘʪ ʪʘʦʨʮʝ ꞇꞇꞇ꞉ʝ ʧ ʨʦʮʝ ꞇꞇꞇ . ʇ ʦ ʝ ʛʦ ꞇ꞉ꞇ꞉ʝ ꞇ꞉ʁ , ʫ ꞇꞇʦꞇ꞉ꞇ꞉ʘꞇ꞉ʒʙ ʫꞇ꞉ʫʘʢ ʪꞇ꞉ꞇ꞉ʟꞇ꞉ʨʫʁ ʱ ꞇ꞉ʡ ʪʘʦʨʮʝ ꞇꞇꞇ꞉ʡ ʬ ʘʢ ʪʦʦʨ ꞇ꞉ʦꞇꞇ꞉ʪ ç ʧ ʨʝ ʜꞇꞇꞇ꞉ʦʘʝ ꞇꞇʫ ʡ è, ʧ ʦʜꞇꞇʦʟꞇ꞉ʘʪʝ ꞇ꞉ꞇ꞉ ʡ ʘʨʘʢ ʪʝ ʨ ꞇ ʪʘʢ ꞇ꞉ꞇ꞉ʪʝ ꞇ꞉ꞇꞇ꞉ʘꞇ꞉ʦ ʬ ʦʢ ʫꞇꞇꞇ꞉ʨꞇ꞉ʝ ʪ ꞇꞇʦʟꞇ꞉ʘꞇ꞉ꞇ꞉ʝ , ʮʪʦʦ ʦꞇ꞉ʦ ꞇ꞉ʘʮꞇ꞉ꞇ꞉ʘʝ ʪ ʘʦꞇꞇʧ ʨꞇ꞉ꞇ꞉ꞇ꞉ʒʘʪ ʧ ʦʜʧ ʦʨʦʛʦʘ ʝ ꞇꞇʪꞇ꞉ꞇ꞉ʒʫꞇ꞉ ꞇ ʪʘʢ ꞇ꞉ꞇ꞉ʒ ʦʙ ʨʘʟʦꞇ꞉ʒ ꞇꞇʪʘꞇ꞉ʦʘꞇ꞉ʪꞇꞇ ʙ ʦꞇ꞉ʝ ʝ ʧ ʨʦʜʫʢ ʪꞇ꞉ʘꞇ꞉ ꞇ꞉ʒ(Krippner, 1968). çʊʘʦʨʮʝ ꞇꞇʘ ꞇ꞉ꞇ꞉ʮꞇ꞉ʦꞇꞇʪ ,ð ʧ ꞇ꞉ʰ ʝ ʪ ʃ .

ʉ . ʂ ʴ ʁ ʙꞇ꞉,ð ʵ ʪʦʦ ʪʘʢʘ, ʢʦʪʦʦʨʘ ꞇ꞉ʝ ʢʦʪʦʦʨ ꞇ꞉ʒʝ ʱ ʝ ꞇꞇꞇ꞉ʫʮʘʡ ꞇ꞉ ꞇ꞉ʒʦʙ ʨʘʟʦꞇ꞉ʒ ꞇꞇʦʨʘꞇ꞉ʝ ʪ ꞇꞇʧ ʦꞇꞇʦʙ ꞇ꞉ʦꞇꞇʪ ꞇ꞉ꞇꞇʧ ʦꞇ꞉ ʟʦʘʘʪ ꞇꞇʦꞇ꞉ ʧ ʦʜꞇꞇʦʟꞇ꞉ʘʪʝ ꞇ꞉ ꞇ꞉ ʝ ʬ ʫꞇ꞉ʮꞇ꞉ꞇ꞉ ʙ ʦꞇ꞉ʝ ʝ ꞇꞇʦʙ ʦʜꞇ꞉ʦ, ʮʝ ꞇ꞉ʒ ʜʨꞇ꞉ʫʛꞇ꞉ʝ ꞇ꞉ ʜꞇ꞉, ʢʦʪʦʦʨ ʝ , ʙ ʪ ꞇ꞉ʒʦʞ ʝ ʪ, ʧ ʦʪʝ ꞇ꞉ʮꞇ꞉ʘꞇ꞉ ꞇ꞉ʦ ʷʘꞇ꞉ʷʁ ʪꞇꞇ ʘ ʨʘʘꞇ꞉ʦʡ ꞇꞇʝ ʧ ʝ ꞇ꞉ꞇ꞉ ʦʜʘʨʝ ꞇ꞉ꞇ꞉ ꞇ꞉ʒꞇ꞉è (ʮꞇ꞉ʪ. ʧ ʦ: ʗ ʨʦʰ ʝ ʘꞇꞇꞇ꞉ʡ,
1967, ꞇꞇ 85).

ʂ ꞇ꞉ʘꞇꞇʦʦʷʱ ʝ ꞇ꞉ʒʫ ʘʨʝ ꞇ꞉ʝ ꞇ꞉ꞇ꞉ ꞇ꞉ʘʢ ʦʧ ꞇ꞉ʝ ꞇ꞉ʦʛʨʦꞇ꞉ʒꞇ꞉ ʡ ʧ ꞇ꞉ʘꞇꞇ ʜʘꞇ꞉ꞇ꞉ ꞇ, ꞇꞇꞇ꞉ʜʝ ʪʝ ꞇ꞉ ꞇꞇʘʫʁ ʱ ꞇ꞉ ʦʙ ꞇ꞉ʟꞇ꞉ʝ ꞇ꞉ʝ ꞇ꞉ꞇ꞉ꞇ꞉ ʘ ʛꞇ꞉ʧ ꞇ꞉ʦꞇꞇʦꞇ꞉ꞇ꞉ʘꞇ꞉ʒʙ ʫ-ꞇ꞉ꞇ꞉ʟꞇ꞉ʝ (ʧ ʦʜ ʘꞇ꞉ꞇ꞉ʷꞇ꞉ꞇ꞉ʝ ꞇ꞉ʒʘꞇ꞉ʫʰ ʝ ꞇ꞉ꞇ꞉ʷ) ʦʪʜʝ ꞇ꞉ ꞇ꞉ ꞇ ʧ ꞇꞇꞇ꞉ꞇ꞉ʮʝ ꞇꞇꞇ꞉ ʬ ʫꞇ꞉ʮꞇ꞉ʡ:
ʘʦꞇꞇʧ ʨꞇ꞉ʷʪꞇ꞉ʷ, ʘʦʦʙ ʨʘʞ ʝ ꞇ꞉ꞇ꞉ʷ, ʧ ʘꞇ꞉ʒʷʪꞇ꞉, ꞇ꞉ʒ ʰ ꞇ꞉ʝ ꞇ꞉ꞇ꞉ʷ, ʘʦꞇ꞉ꞇ꞉, ʘꞇ꞉ꞇ꞉ꞇ꞉ʒʘꞇ꞉ꞇ꞉ʷ, ꞇ꞉ꞇ꞉ʪʝ ꞇ꞉ꞇ꞉ʝ ʢʪʘ ʀ ʟʘʝ ꞇꞇʪꞇ꞉ ʡ
ʪʝ ʦʨʝ ʪꞇ꞉ʢ ʘ ʦʙ ꞇ꞉ʘꞇꞇʪꞇ꞉ ʧ ꞇꞇꞇ꞉ꞇʦꞇ꞉ʦʛꞇ꞉ꞇ꞉ ʛꞇ꞉ʧ ꞇ꞉ʦʟʘʕ . ʌꞇ꞉ꞇ꞉ʛʘʨʜ ʢʦꞇ꞉ꞇꞇʪʘʪꞇ꞉ʨꞇ꞉ʝ ʪ ꞇꞇʦꞇʨʘꞇ꞉ꞇ꞉ʦꞇꞇʪ
ꞇ꞉ꞇ꞉ʪʝ ꞇ꞉ꞇ꞉ʝ ʢʪʫʘꞇ꞉ ꞇ꞉ʦʡ ʘʢ ʪꞇ꞉ʘꞇ꞉ʦꞇꞇʪꞇ꞉ ʘ ꞇꞇʦꞇꞇʪʦʷꞇ꞉ꞇ꞉ꞇ꞉ ʛꞇ꞉ʧ ꞇ꞉ʦꞇꞇʦꞇ꞉ꞇ꞉ʘꞇ꞉ʒʙ ʫ-ꞇ꞉ꞇ꞉ʟꞇ꞉ʒʘ ʇ ʨꞇ꞉ ʵ ʪʦꞇ꞉ʒ ʦꞇ꞉ʦʪꞇ꞉ʝ ʮʘʝ ʪ
ꞇꞇʦʮʝ ʪʘꞇ꞉ꞇ꞉ʝ ꞇ꞉ʦʨꞇ꞉ʒʘꞇ꞉ ꞇ꞉ʦ ʢʦꞇ꞉ʦʨʦꞇ꞉ꞇ꞉ʨꞇ꞉ʁ ʱ ʝ ʡ ʬ ʫꞇ꞉ʮꞇ꞉ꞇ꞉ ꞇꞇʦʟꞇ꞉ʘꞇ꞉ꞇ꞉ʷ ꞇ꞉ ꞇ꞉ʟꞇ꞉ʝ ꞇ꞉ʝ ꞇ꞉ꞇ꞉ʦʛʦ ꞇꞇʦʟꞇ꞉ʘꞇ꞉ꞇ꞉ʷ ʧ ʦʜ
ʘꞇ꞉ꞇ꞉ʷꞇ꞉ꞇ꞉ʝ ꞇ꞉ʒʘʘʝ ʜʝ ꞇ꞉ꞇ꞉ʦʛʦ ʛꞇ꞉ʧ ꞇ꞉ʦʪꞇ꞉ʮʝ ꞇꞇʦʛʦ ʘꞇ꞉ʫʰ ʝ ꞇ꞉ꞇ꞉ʷ (Hilgard, 1977).

ʏ ʪʦʦ ʪʦʦʨꞇ꞉ʒʦʟꞇ꞉ʪ ʨʘʟʘꞇ꞉ʪꞇ꞉ʝ ꞇꞇʧ ʦꞇꞇʦʙ ꞇ꞉ʦꞇꞇʪʝ ʡ

ʇ ʦꞇꞇʦꞇ꞉ ʢʫ ꞇꞇʧ ʦꞇꞇʦʙ ꞇ꞉ʦꞇꞇʪꞇ꞉ ꞇ꞉ʛʨʘʁ ʪ ʙ ʦꞇ꞉ʰ ʫʁ ʨʦʦꞇ꞉ ʘ ʞ ꞇ꞉ʟꞇ꞉ꞇ꞉ ʮʝ ꞇ꞉ʦʘʝ ʢʘ, ʪʦʦ ʘʦʧ ʨʦꞇꞇ, ʘʦʟꞇ꞉ʒʦʞ ꞇ꞉ʦ ꞇ꞉ꞇ꞉ ʘ
ʢʘʢ ʦʡ-ʪʦʦ ꞇ꞉ʝ ʨʝ ꞇ꞉ ʧ ʦʘʳ ꞇꞇꞇ꞉ʪʴ , ꞇ꞉ꞇ꞉ʝ ʝ ʪ ꞇ꞉ʝ ʧ ʨʝ ʦʜʷʱ ʝ ʝ ʟꞇ꞉ʘʮʝ ꞇ꞉ꞇ꞉ʝ . ʅ ʜʝ ꞇꞇ ꞇ꞉ʒ ʧ ʦʢʘʞ ʝ ꞇ꞉ʒ ʮʪʦʦ
ꞇꞇʧ ʦꞇꞇʦʙ ꞇ꞉ʦꞇꞇʪꞇ꞉, ʦʛʨʘꞇ꞉ꞇ꞉ʮʝ ꞇ꞉ꞇ꞉ ʝ ꞇ ꞇ꞉ʝ ʫꞇꞇʪʦʡ ʮꞇ꞉ʘʳ ʝ ʘ ʦʙʳ ʮꞇ꞉ ꞇ ʫꞇꞇꞇ꞉ʦʘꞇ꞉ʷꞇ, ʧ ʦʜ ꞇ꞉ʦʙ ꞇ꞉ꞇ꞉ꞇ꞉ʟʫʁ ʱ ꞇ꞉ꞇ꞉ʒ
ʘʦʟʜʝ ʡ ꞇꞇʪʘꞇ꞉ʝ ꞇ꞉ʒʘꞇ꞉ʫʰ ʝ ꞇ꞉ꞇ꞉ʷ ʘ ʛꞇ꞉ʧ ꞇ꞉ʦ-ꞇꞇʦꞇ꞉ꞇ꞉ʘꞇ꞉ʒʙ ʫꞇ꞉ꞇ꞉ʟꞇ꞉ʝ ʧ ʨʦʷʘꞇ꞉ʷʁ ʪꞇꞇ ʘ ʙ ʦꞇ꞉ʝ ʝ ʘʳ ʨʘʞ ʝ ꞇ꞉ꞇ꞉ʦʡ ꞇ
ꞇꞇʪʘʙ ꞇ꞉ꞇ꞉ ꞇ꞉ʦʡ ʬ ʦʨꞇ꞉ʝ . ʇ ʨʝ ʞ ʜʝ ʘꞇꞇʝ ʛʦ ʧ ʦʛʦʘʦʨꞇ꞉ꞇ꞉ʒʦʙ ꞇ꞉ꞇ꞉ʪʝ ꞇ꞉ꞇ꞉ʝ ʢʪʫʘꞇ꞉ ꞇ꞉ ꞇ ꞇ ʪʘʦʨʮʝ ꞇꞇꞇ꞉ꞇ
ꞇꞇʧ ʦꞇꞇʦʙ ꞇ꞉ʦꞇꞇʪʷꞇ.

ʇ ꞇ꞉ꞇ꞉ʷꞇ꞉ꞇ꞉ʝ ʛꞇ꞉ʧ ꞇ꞉ʦꞇꞇʦꞇ꞉ꞇ꞉ʘꞇ꞉ʒʙ ʫꞇ꞉ꞇ꞉ʟꞇ꞉ʒʘꞇ꞉ʘʪʘʦʨʮʝ ꞇꞇꞇ꞉ʝ ʘʦʟꞇ꞉ʒʦʞ ꞇ꞉ʦꞇꞇʪꞇ꞉ ꞇ꞉ꞇꞇʧ ʳ ʪʫʝ ꞇ꞉ʒ ꞇ ꞇ꞉ꞇꞇꞇ꞉ꞇ꞉ʝ ʜʦʘʘꞇ꞉ʦꞇꞇ ʇ . ʅ .
ʴ ʘꞇ꞉ʵ ʨꞇꞇʦꞇ꞉ʒ ʌ ʝ ꞇ꞉ ʝ ʛʦ ʨʘ

[illegible]

[illegible] 1) [illegible] 2) [illegible] 3) [illegible] 4) [illegible]

[illegible] (Bowers, 1967).

ʃ ɑ[⊐Oɑ[ɑzzˌ ts?ʷʷ j ls

ɭ Oɾɳɑ̈ɟʜʟzᵏ ʰ j ɑʒᵗˡ lsOɑ̈ʃ j ɑ[ɾɳɾɳɑ̈ɟʜtsəOɑ̈ɑ[?ɹ Oɑzᵗˡ tɑ̈j tʃtɑtsəj ɑzOɑ̈ɑ̈Oɑ̈tsGɑ[ʷɑ[ɑ̈z ?ɬˡ ʕɬɳʃ j tɑɑ[ɑʒj ɑ̈ɑtsɾɳGtɑzʃtʃts?
ɑ[ɾɳʃʳ lsɑzj ɑʒʳ ⊐, ɑ[ɑʒɑ[lsɑ[tɑtsəOɑ̈ʰ ɑ[⊐ɾɳtsɾɳhtsʷɑ̈ɑ[j Gɑ[ʃɑ[ɑ̈tsʟOɹ tɑɑ[ɑʒj ʊOlsj ɑzɑ̈ɑ̈s, ʊlsts ʜOɑ̈ɑ̈zᵏ j , ʃtsɑ̈ɑzʊɨ ɑ̈ɑ̈zᵏ j ə
ˡ lsts? Gtɑzʃtʃtʃj , tsʕOɹLOɑ̈ɑ[ɾɳ ʙɑ̈ɑ[Lʕɑ[ʕ lsj ɑʒ ʕtslststɑʳ j ʙʳ ɑ̈ɑ[tʃtsɑ̈ɑzʊɨ ɑzᵏ ɑ̈ɑOɑ[ɾɳʃʳ lsɑzj ɑʒ ⊐, ʜj ?ɾɳhsəɑ[lsj ɑzᵏ ɑ̈s
ɑ̈ɑ⊐tsʜɑ[əʰ ɑ[⊐ɾɳʲ ə Gɑ[ʃɑ̈ɑ̈sɾɳtsɑʒɑ̈ɑ̈Oɑ̈ʒʙlzɑ̈ɑ[Lɑ̈ʒj . ɹ ts-əɑ[ʜɑ[ɑ̈ʒtsɑ̈ʒkz, ɑ[ɑʒɑ[lsOɹɑ[ʷ Gɑ[ʃɑ̈ɑ̈sɾɳtsɑʒ-ɑ̈ɑOɑ̈ʒʙlzɑ̈ɑ[ʊɨ ɾɳʕtsGts
ɾɳtsɾɳhtsʷɑ̈ɑ[ʷ Oɑzlststsɡj ɑ̈ɑ̈zᵏ ɑʒtsʙtɑOLtsɑʒlsOʕɬ j ɾɳʃtsɾɳtsʙɾɳhtsəlzj ls ʙtsɑ̈ɡj j tʃtɑtsʊɑ̈tsɑ̈ʒkz LOʕtɑ̈j tʃɑ̈ɡj ɑ̈ɑ[ᵍ Gʕlsɑ[əɑ̈ts
ʷʷtstɑ̈ɑʒɑ[tɑ̈zj ɑ̈ʒts? ɑ̈ʒtslsɑ[əOɹɑ[ɑ[.

ɹ tsɑ̈zʊɨ ɑ̈zɑ̈zᵏ j tɑ̈j LzɑzᵏlsOlsʳ tʃtsLətsɑ̈zɑ[ɑ̈ɹ Oɑzᵗˡ tɑɾɳlz ɾɳjʷ tstɑɑ̈ʒkzɑ̈ɑ[tɑtsəOlsᵘ Gɑ[ʃɑ̈tslsj LzɹGtsəɾɳhzɑ̈sɑ̈lz ʕtslststɑtsʔ ʙʳ ɑzᵏ
ʃtsɑ̈ɑtsʏj ɑzɑ̈ʃtɑɑ[ɑzɹɑ[ʃ: ʕOɹʜʳ ? ʊɨ ɑ̈ɑtsəj ʕ ɑ̈ʒtsʏj ls ʃtɑtsʷəɑ[lsᵘ ʙtsɑ̈ɡj j əʳ ɾɳhsʕɑ[? lzɑtsəj ɑzᵏ lsətstɑʊɨ ɾɳʕɑ[⊐
ɾɳʃtsɾɳtsʙɑ̈ɑsɾɳhsj ?. ɹ tɑ̈j tʃʷlsɾɳhsəɑ[ʷɑ̈ʒ[ɑ̈ɑOᵗˡ lststɑʒtʃlzlsɑ[ʷəɑ̈wᵝ lsɾɳʸ, ʕOʕ tʃtɑOəɑ[ɑ̈ts, ɑ̈j lzəj tɑ̈j ɑ̈ɑ̈ɑ̈sɾɳhsᵘ ə ɾɳhtsɑ[⊐
ɾɳʃɑ[ɑ̈Oʕ, ʙtsʷLɑzᵏ ʕtɑɑ[lsɑ[ʕɑ[, tslsɾɳhzlsɾɳhsəɑ[j ʜtsɑ̈zɹ ɑ̈ɑ̈s? tɑ̈j ʰ ɑ[lsj ɑzᵏ ɑ̈ɑ̈sɾɳhsɑ[. ɹ tɑ̈j Lzɑzᵏ lsOlsj ᵗˡ lststɑts ʊɨ ɑ̈ɑ̈səj ʕ ʊOᵍ j
əɾɳjɡts ɑ̈j ʙj tɑ̈j lsɾɳʸ LOtɑ̈j ʰ j ɑ̈ɑ[j ɑʒɑ[ɑ̈sɑ[⊐ tʃtɑtsʙɑ̈j ɑʒ ʕtslststɑʳ j tʃtslsj ɑzɹɑ[ɑOɑzᵏ ɑ̈ɑ̈s ʷəɑzᵏ lsɾɳʸ ʜɑzʷ ɑ̈j ɡts
ətʃtsɑ̈zɑ̈j tʃtsɾɳɑ[ɑzᵏ ɑzᵏ ɑʒɑ[ɑ[ʜtsɾɳhsʕzɑ[ɑzᵏ ɑʒ[(Bowers, 1967). ɹ Oɑzᵗˡ tɑ̈j ɡtsətstɑɑ[ls, ʊlsts əɑ̈ɑzᵏ j ɑ̈ɑ[j ɾɳɑ̈zɑ[ɑʒɑ[ls
ʜj ?ɾɳhsəɑ[j LOᵍ ɑ[lsɑzᵏ ⊐ lzɾɳhsOɑ̈ɑ̈sətsʕ ɑ[tʃtsɑʒtsɡɑ[ls tʃtsəʳ ɾɳɑ[ls lsətstɑʊɨ ɾɳʕɑ[⊐ɑ[ɑ̈ʒɑ[ls ɑ̈ɑ̈sɾɳhsɑ[ɑ[ɾɳʃʳ lsɑzj ɑʒ ⊐.
ʃ ɑ̈ɑ[ʊlzəɾɳhsəlzᵝ ls ɾɳjʙʷ tɑOɾɳʕtsəOɑ̈ɑ̈ɑ̈s, tɑ̈j Oɡɑ[tɑɑzᵝ ls ə ɾɳhtsʙtsʜɑ̈ɑ̈s? ɑʒOɑ̈ɡj tɑ̈j , ɑʒj ɑ̈ɡj j tsʙj ɾɳtʃtsʕtsj ɑzᵏ ɾɳhtsɑ[ɑʒ
əɑ̈ɡʰ ɑ̈ɑ[ɑʒəɑ[ʜtsɑʒ ɾɳtʃtsɾɳtsʙtsɑʒəʳ tɑOɹj ɑ̈ɑ[ʷ ɾɳhsʙɾɳhsəj ɑ̈ɑzᵏ ⊐ ɑʒʳ ɾɳɑ̈ɡ? ð ts⊐tslsɑ̈ɑ̈s tɑOLGtsəOɑ[əOᵍ ls, Gtɑtsɑʒʕtsɑʒ
ɾɳɑ̈ʒɡᵝ lsɾɳʸ. ʜtsLʜOj lsɾɳʸ ətʃj ʊlsɑ̈ɡ ɑ̈ɑ[j , ʊlsts tsɑ̈ɑ[ʕOᵍ ʙʳ əʳ tɑəOɑ̈ɑ[ɾɳʃ ɑ[L-tʃtsʜ GɑɡjlsOtʃtɑtsʰ ɑ̈ɑ̈sGts ɑ[
ʙlzʜlzʰ j tGts ɑ[tʃj tɑ̈j ɹ ɑ[əOᵍ lstsʙʰ ɑ[? ʙtsɑ̈ɡj j tstʃlsɑ[ʒɑ[ɾɳhsɑ[ʊɨ ɾɳʕɑ[? ɑzɾɳhsɑtɑs? (Bowers, 1967).
ɹ Oɑ̈ʒj ʊlsj ɑzᵏ ɑzᵏ ? Lj ɑʒɾɳʕɑ[? ətɑOʊʀ tsɾɳɡʷ ɹ ɑ[lsOɑ̈zj əɑ[ʊɹ ʷLj ɑʒɾɳʕɑ[?, tʃɑ[tsɑ̈ɡ tɑɾɳtɑ[ɑʒj ɑ̈ɡ ɑ̈ɑ[ʷ
ʕtsɑ̈ɑ̈ɡʕlsɑ[əɑ̈ɑ̈s? GɑtʃɑɑtslsjtɑOtʃɑ[ɑ[, tʃtɑj ʜɑ̈ɑ̈sɹɑ[əʰ ɑ[? ə 1904 Gtsʜlzˡ lslzɑ̈ʒj lstsʜɑ[ʕlzʜɑ̈zʷ ɑ̈ɡ ʊj ɑ̈ɑ[ʷ ʙtsɑ̈zɑ̈zᵏ ⊐
Oɑ̈ɾɳtsGtsɑ̈ɑ[Lɑtsɑʒtsɑʒɑəɹ ɑ̈ɑ̈s? (ə 1912 G. ɾɳhtsᵝ ɑ̈ʒj lstsʜɑ[ʕlz tʃtɑj ʜɑ̈ɑ̈sɹɑ[ɑ̈zɹ . ʃ . ɹ j ⊐lsj tɑ̈j ə), tɑOɾɳɾɳʃʕOʳ əOɑ̈z, ʊlsts ʜtsɾɳhsɑ[Gᶜ
tʃtɑtsʊɑ̈tsGts ɑ[Lɑɡjʊɨɑzɑ̈ɑ[ʷ ɑʒɑ̈ɑ̈sGtsʊɑ[ɾɳɑ̈ɡɑ̈zᵏ ⊐ tʃOʊɑ[j ɑ̈ɑ̈sɑəɹ lz ʕtslststɑʳ ⊐ tslsɑʒj ʊɑ̈Oɑ̈ɾɳ əʳ ɾɳhsʕOᵛ ɾɳhsj tʃj ɑzᵏ
ɑ̈j lzəj tɑ̈j ɑ̈ɑ̈sɾɳhsɑ[ə ɾɳjʙj . ɹ j tɑəʳ ? ɾɳɑ̈zʊɑ[? ɾɳhʷLOɑ̈zɾɳʃj əɑ[ʊɨ ?, ʕtslststɑOᵛ ɑ̈ɡ ɑ̈ʒsGɑ̈ɑəLʷlsᵘ ɑ[Ləj ɾɳhsɑ̈zᵏ
ɑ̈ɑslsz, tʃtslststɑʒz ʊlsts ʜlzɑʒOɑ̈ɑ̈ʊlsts ᵗˡ lsts j ? ɑ̈ɡ tʃtsʜ ɾɳɑ[ɑ̈zɑ̈. ɾ tsɾɳhsOlststsʊɑ̈ts ʙʳ ɑ̈ɑ̈s tsʜɑ̈ɑ̈sGts əɑ̈zᵏ j ɑ̈ɑ[ʷ, tʃɑ[ʰ j ls
ɹ ʷLj ɑʒɾɳʕɑ[?, ʊlstsʙʳ əɾɳjɑ̈zɑ[lsᵘ lzəj tɑ̈j ɑ̈ɑ̈sɾɳhsᵘ ə lstɑ̈j ʙlzj ɑʒtsɑʒɾɳɑ̈ʒᵝ ɾɳɑ̈ɡj . ɹ ts əlststɑtsɑʒɾɳɑ̈zʊɑ[ɡ əLtɑtsɾɳɑ̈zᵏ ?
ɑʒzʏ ʊɑ[ɑ̈Oɾɳhsəj tɑʰ j ɑ̈ɑ̈s lsj tɑʷɑ̈zɾɳʷ, j ɾɳɑ̈zɑ[j ɑʒzᵏ tʃtɑ[⊐tsʜɑ[ɑ̈sɾɳʃ Gtsətstɑɑlsᵘ ɾɳɑ̈zOʊ[Oɑ̈zᵏ ɾɳhsətsɑʒɑ[ɑ[ə tʃtɑɑ[ɾɳhzls-

[illegible] (…, 1900. … 4).

[illegible] … 1989 … [illegible]

[illegible] … 28 … 1989 … [illegible]

ʄ ɖ꞊ʘɖʆdzʐ˛ tsʡʬjls

ʂ ʘʢ lstsdʐ ʢts tsdʑʘtslsʢtɕ dʑʘɢdʑʘʟʘ, fɳj lzfɲs fɲstɕʘdʑfɲ lzʜɖɘdʑ dʑdʐ ʡ ɘtsʟɢdʑʘfɲ; çWho am I!? Where am I?!è*

ɨ tsʜtsʟtɕɖlsj dʐ dʑs tʃtsfɲdʒslstɕj ɘ dʑʘdʒ dʐ, tsdʑʘ lststʃ dʑzɘ dʑsɢtsʡ, fɲʄtɕtsfɲɖdʑʘlz ɘɖʜɖdʒsʡ lstsdʐ ʢts j ʡ ts꞊tɕʘdʐ : çWho is this man?è**

He ʜtsʞ ɖʜʘʷfɲ tslsɘj lsʘ, tɕj ʰ ɖlsj dʐ dʑs tʃtsʜtsʰ dʑʘɖ ʙj fɳj tɕj dʒsdʑdʑs tɕʘfɲʄ ʘ꞊dʑzdʑʘdʒsʡ ʬtɕʘʢ. ɿ ʘlsj dʒ fɲsfɲtɕj ʜtslstsɥj dʑdʑs fɲsʘdʑʘtɕ lsᴵ fɲʷ ɘ dʒsɖ꞊ ʢʘtɕdʒʘdʑʘ꞊, ʙtstɕdʒsɥʘ: çYou are a very suspicious man! Show me your identification!è***

ʗ, tʃtɕɖʟdʑʘlsᴵ fɲʷ, tslststɕtstʃj dzɖ dʑ ʟdʑʘdʐ, ʢʘʢ dʑʘˡ lsts tɕj ʘɢɖtɕtsɘʘlsᴵ. ʄ j dʐʷ dʒzɥɖdzɘtstʃtɕtsfɲ; ʢlzʜʘ dʑʘʃtɕʘɘɖlsᴵ lsʘʢ ʜtɕʘdʒʘlsɖɥdʑs ɖ ɢdʑʘɘdʐ dʒtsʙtɕʘʟtsdʒ dʑ tsʞ ɖʜʘdʑdʑs tɕʘʟɘɖɘʘʳ ɦ ɖʡfɲʷ fɲʳ ʞj ls? ɩ ʘfɲʘdʒsdʒ ʜj dʑ, ʢlsts ʷ ɘ ʜʘdʑdʑsʡ fɲɖlszʘɥɖɖ? ʂ j dʒ tʃtɕj ʜfɲsʘlsᴵ, ɢɖtʃdʑslsɖʟj tɕtsdʒɖdʑɖ fɲslstɕzʜdʑɖʢtsdʒj j ʘʃtʃʘtɕʘlsʘ, ʘ dʒsʞj ls, tʃtɕj ʢtɕʘlsɖlsᴵ fɲʄtsdʑsʘdʑdʑs tɕʘʟʳ ɢtɕʘɘʰ j j fɲʷ ʜj ʡ fɲsɘɖj ? ɺ j ʜᴵ ʷ dʑ ɢtsɘtstɕʳ tʃts-ʘdʑɢdʑɖʡ fɲʢɖ, ʘ tsdʑʘɘ tsʙtɕʘʟj dʑ tʃtsdʑɖdʒʘ ls tʃts-tɕzfɲʢɖ. ɨ tsɘɖfɲɖdʑʘdʒdʑsɢtsʟdʑʘɥɖlsj dʐ dʑʘʷ tʃʘlzʟʘ, ɘ lsj ɥj dʑɖj ʢtslststɕtsʡ ʷ lsj tɕʟʘdzfɲtsʳ ʬʘdʑsʘʟɖʳ, ʘtsdʑʘdʒ lsʘdʑʘfɲ tʃts fɳj dʑ ɖ ʢtɕɖɥʘdʑʘ: çWhere is my consul? It'll be a great international conflict! It'll be a nuclear war!è****

ʏ lstsʙʳ ʢʘʢ-lsts ɖʟʙj ʞ ʘlsᴵ çdʒ ʞ ʜlzdʑʘtɕtsʜdʑsɢts ʢtsdʑʬ dʑɖʢlsʘè, ʷ tsʙtɕʘlsɖdʑfɲʷ ʢ ʟtɕɖlsj dʐʷdʒ fɲʄtɕtsfɲ ʙtsʡ ʜj dʑ ɢɖtɕtsɘʘlsᴵ dʑʘfɳj dʑz ʢtsɢts-dʑɖʙlzʜᴵ ʘdʑɢdʑsɢtsɘtstɕʷɦ j ɢts. ɺʳ ʰ j dzdʒsdʑsʜtsʡ ɥj dʑsɘj ʢ. ʗ lszls ʞj tsʙʲ ʷɘɖdʐ, ɥlsts tʃtɕɖj ꞊ʘdzʢtsdʑfɲzdz. ʆ dʑʘʟʘfɲ tʃʘdʑʘj ɢts ɘtstʃtɕtsfɲʘdʒɖ, tsdztʃj tɕj ʘʜtɕj fɲsɘʳ ɘʘdzɖ꞊ dʒdʑ.

ɨ tɕɖʰ dʑsfɲ dʑʘ꞊tsʜlz fɲsɥɖdʐʷlsᴵ ɖfɲstɕɖʳ, ʢtslststɕzʳ tsdzfɲsʘtɕʘlsj dʐ dʑs tʃj tɕj ɘtsʜɖdz. ʆ dʑʘɘdʑɖdʒʘlsj dʐ dʑs fɲdzʰ ʘdʑʘ, ɥɖdʑdʑs ʢɖɘʘdʑʘɢtsdʑsɘtsʡ: dʒsdʐ, ʜʘ, tʃtsdʑɖdʒʘʳ, ʙlzʜlz fɲdʑɖfɲtsʜɖlsj dʐ dʑsʡ, dʑ ʜʘtɕtsdʒ ʞj ʷ tʃtɕɖdzj fɲʘ. ʂ tsɢʜʘʢtsdʑʬ dʑɖʢls ʙʳ dzɖfɳj tɕʃʘdzɖ tsdʑʘlzfɲʄtsʢtsɖdʑʘfɲ, ʷ tɕj ʰ ɖdztsls ɢtɕj ꞊ʘtʃtsʜʘdʐ ʰ j ɘʳ ɘj fɲsɖ j j ɖʟ ɢɖtʃdʑsʟʘ

ʉ ʢʘʟʘdʑs ð fɲʜj dʑʘdʑs. ɺ dʑzʰ ʘʳ : çɺ fɲj ʟʘʢtsdʑɥɖdʑsfɲ. ɺʳ lsʘʢʘʷ, ʢʘʢtsʡ ʙʳ dʑɖ fɲj ɢtsʜdʐʷ lzlstɕtsdʒ ɺ fɲj tʃtɕtsʰ dʑsè. ʏ lstsʙʳ ʙʳ dʑs

* ʂ lsts ʷ? ɻ ʜj ʷ? " ʂ lsts ˡ lstsls ɥj dʑsɘj ʢ?

*** ɺʳ tsɥj dʐ tʃtsʜtsʟtɕɖlsj dʐ dʐ ʡ ɥj dʑsɘj ʢ! ɨ tsʢʘɥ ɖlsj ɘʘʰ j lzʜtsfɲstsɘj tɕj dʑɖj.

**** ɻ ʜj dʒsʡ ʢtsdʑfɲzdʐ? ɹ lzʜj ls ʙtsdʐ ʰ tsʡ dʒ ʞ ʜlzdʑʘtɕtsʜdʐ ʡ ʢtsdʑʬ dʑɖʢls! ɹ lzʜj ls ʷʜj tɕdʑʘʷ ɘtsʡ dʑʘ!

ð Wow! How I'm tired!**

ð Where have you been, my child?"* ð I don't know. Maybe, in Vietnam, maybe, in Laos... ****

ſ qſ⊐Oɑſdzzɻ tsǂʷ ʲjls

jɻdʒ, qſdzſˡ lstscdʒz fɳʃtsfɳtsʙfɳʃsɔtsəOɑlzɢɕqſʃɳdzʍsfɳtsɔdʒɑʍɑlʒʙlzɑzſʟɑdʒ? ⊂ fɳʃtɑtsfɳqſdzɻ ʕfɳ·ɑlʍz, ɢɕtsɔtstɑɕqſls dzɑſ tscdzʍO fɳtsʙtsʜdzʍs tʃts-Oɑlzʍɕdzɑſǂfɳʃɕq. ɻ tsfɳɑʃʒtslstɑɻə dzʍOɔdʒɻdzʷ ə dzɻʜtslzɔdʒɻdzʍſɑſq, tscdzʍOfɳʃ·ɑlOɑlzʍ: çɔ ʟOfɳtsʙtsǂ lsɔʃtsǂ fɳʃtsfɳtsʙdzʍsfɳʃsɔq dzɻ ʟOɑlzʒ ɥɑlzʍ⊐è

ɸ dzʍɑlzɑſʟɔqſtɑdzʷ tʃtɑtsɔqſfʰ jɻʜʰ jɻj, fɳɑlzɻʜlzɻjls tslscdʒɻlsɔqſlsᵍ, ɥɑlsts, ʕtscdzɻɥɑdzʍs, ɻʃ ʕfɳ·ɑlzʍOɔdzɻ fɳʃsOɑlzʍOʃtɑɕqſdzʍɥɻfɳɳtsǂ, dzʍs qſ fɳ·ɑlʒtsǂ fɳɳsʙtsǂ dzɻ tsfɳʃsOɑlzʍcfɳ. ʃ tsʏ qſdzʍs dzɑſ fɳʃO·ɑlOʃsᵍ, ɥɑlsts tscdzʍOqſɢɕtɑɕOɑlzʍO? ɾ O, qſdʒsʏ qſdzʍs. ɭ ts˪ lsts dzɻ qſɢɕtɑɕO O·ʃlsɻtɑɕO, ʕtslstsɕʳ ?, tʃɻjtɑɻətstʃdzʍsʰ O·ʸfɳ ə tʃtɑɕqſdzʍɥOʜO·ʃlsfɳʃtsɢɕts, dzʍzɥʰ ɻ tʃts-Oɑlzʍɕdzɑſǂfɳʃɕq dzɻ ɢɕtsɔtstɑɕqſls. ʕ lsts ʙʳ dzʍOɢɕqſʃɳdzʍslsqſɥɻfɳʃO·ʸ qſɢɕtɑɕO, tslscdzɑſɥɑO·ʸ ʰ O·ʸfɳʸ tslsO·ʃlsɻtɑɕfɳʃtsǂ ɢɕdzʍʙqſdzʍsǂ tʃɻjtɑɻətstʃdzʍsʰ ɻdzʍɑſʷ: fɳʃsʟdzʍOɑlzʍɻj ʃ ʕfɳ·ɑlzʍ, ɻjɻ əɑdzʍlstɑɻdzʍɑlzʍɑſʔ dʒʃtɕfɳʃsOɑlzʍlstsʏ ɥɻfɳʃsɔɻdzɻɑdzɕəɑdzʍʰ O·ɻdʒsdʒz tsʙtɑO·lz, ɥɑlsts O·ʃlsɔqſtɑtsəOɑlzʍs tʃO·fɳɳqſədzɕɻ ʟɑdzʍOɑlzʍɑſʷ ʷLʳ ʕO·I dzʍɑſdzʍɕəɑqſfɳʃsɑqſʕɻ ts lsO·ʃtsǂ qſɢɕtɑɻ ɢɕtsɔtstɕʷls: qſʟlzɥɻ dzʍɑſɻ ʷLʳ ʕOfɳʃtsɢɕtɑdzʏɻ dzʍɑſɻ dʒ, ɻ qſtʃ dzʍsfɳtsɔdzʍOɑlzʍʙlzɑzſʟɑdʒfɳtsʟHO·ɻ ls lzfɳɑlzʍsəɑqſʷ ʜdzʷ lsɔtstɕɥɻfɳʃsɔO

ɸ dzʍɑdzʍɑſǂfɳʃɑqſǂ qſfɳɳɑqſɥɻʜtsɔO·ʃsɻdz ɢɑqſʃ dzʍsfɳtsɔdzʍOɑlzʍʙlzɑzſʟɑdʒOɑqſʟ ʂ ɻ dzʍʙtɑɑqſʜʏ O∧ . ʊ . ʃ O·ʔɻjtɑɕfɳʟO·ʜO·ɔO·ɑlzʍfɳʃ ɔtsʃ tɑtsfɳtsɔdʒ çʀ fɳʃ·lzfɳɳtsɔɻdzɑlzʍ ʔ fɳtsɔdʒʍɑlzʍʙlzɑzſʟɑdʒð fɳtsfɳtstsʷdzʍɑſɻ tɑɻɢɕtɑɻ fɳɳOɑqſdzʍɑſ tʃtɑtsɢɕtɑɻ fɳɳOtʃ fɳɑʃ⊐qſǂqſ; dʒtsʏ qſdzʍs dzɑſ fɳɻɢɕts tʃtsdʒtsʰ ɹ ʁ fɳtstsʙʰ qſlsᵍ dzʍ ʜʷdʒʙtsdzɻɻ ɔʳ fɳtsʃ·lzᵡ ᵂ tstɑdzʍz fɳʃzʰ ɻ fɳtsɔtsəOɑlzʍɑſʷ?è (Myers, 1887). ɻ tsʜtsʙdzʍᵡ ɔtsʟdʒtsʏ qſdzʍsfɳtsᵍ ʜtstʃ·lzfɳʃ·Oɑlzʍɑſtʃtsᵘlsɑſɻɔfɳɻ fɳtsO·ɑɕʳ ɻ dʒO·ɢɕdzɻlsɑſʟɻɑɕʳ . çɹ O·ʙʳ ɔO·ɑlzʍɑſɻ ɔ dʒtsdzɻqſdzʍs tʃtɑtsʙlzʏɥɻdzʍɑſʷ,ð ɢɕtsɔtstɑɕqſlsɻ . ɻ . ɹ O·ɑɕO·ɑlzʍ tsdzʍð ʟOɢɕfɳtsO·ɔdzʷɻls qſdzʍOɢɕfɳʜlzqſʒO·ʃsᵍ, ɥɑlsts fɳtsdʒʍɑO·ʃsʙlzqſʟqſʒ ʷɔdzʷɻlsfɳʸ ʙtsdzɻɻ fɳtsɔɻɑɕʳ ɻdzʍɑſɻ dʒfɳtsfɳtstsʷdzʍɑſɻ dʒè (Baragnon, 1853, ɑɕ 172). ʃ dzʍ, ʕtscdzɻ ɥɑdzʍs, qſdzɻɻ ɻls ɔ ɔqſʜlz ʟOʙʳ ɔO·ɑlzʍɑſɻ ʙtsdzɻʟɻ fɳtsɔɻɑɕʳ ɻdzʍɑſ⊐ tsʰ lzʰ ɻqſdzʍɑſ?.

ʃ fɳʃ·Oɕʌ tsɢ·ls, fɳɻtsʜdzʍs? fɳtstsɑtsdzᵡ , qſʷ ɑɕtɕ·Oɑlzʍɑſʟzʟfɳʃ·qſ? dzɻɔɑtsdzʍsɢʳ qſdzʍdzᵡ ʜɻ dʒO·ʊlzɑtɑɻlslsð fɳʜtɑdzɢɕtsǂ, ˪ ʕfɳɻj ɑtɕqſdʒɻ dzʍs·O·ɑlzʍ dzʍs ʜtsʕO·ʟO·ɑlzʍqſ, ɥɑlsts qſdzʍsɻ dzʍɻʕlsʟO·ɑlzʍ dzᵡ ɻ fɳɻtsfɳtsʙdzʍsfɳʃsɔqſfɳɻʳ lsʟɻ dʒtsɢɕts ɔ ɢɕtɻqſdzʍs-fɳtsdʒʍɑO·ʃsʙlzʏɑſʟdʒɻ ɢɕtsɑO·ʟʜts ɔʳ ʰ ɻ, ɥɻ dʒɔ tsʙʳ ɥɑdzʍsdʒfɳtsfɳtstsʷdzʍɑſɻ. ʊlzɑtɑɻlsls fɳtstsʙʰ O·ɻls: çʃ ʳ ɔqſʜɻdzʍɑſ qſdzʍɑſɔqſʜtsɔ, ɔɻfɳ tsʙdzʍɑſʕ ʕtslstsɕʳ ⊐ dzɻdzʷdzfɳʷ, ʕO·ʃ lstsdzᵡʕts tsdzʍɑſ tʃtsɢɕtɑdzʏ·Oɑlzʍɑſɳ ɔ ɢɕqſtʃ dzʍsfɳtsdʒʍɑO·ʃsʙlzʏɑſʟdʒ, ɾ ts˪ lstsɢɕts tsdzʍɑſ ʙʳ dzʍɑſ fɳʃ·lzɥɑdzᵡ qſ O·ʃfO·lsɑſɥɑdzᵡ , lsɻtʃɻjtɑɕʳ ʏɻ fɳʃsO·ɑlzʍɔqſ-

(Gilles de la Tourette, 1898).

(Ach)

(∫ʸəjʤʷjʤʷʜ, 1903).

ʃ ɑʃ⊐Oɑʃdzzˌ tsʔʷ ʲ jˌ ls

əʳ нˌjˌdɑˌjɑʒ ə tsfɳʂʙʳ ʔ lsɑʃʧ ɑʃ dɑ⁄ɑOLəOɑʒ ʕtɑˌjˑOʂɑʃəɑʒsfɳʂʲ ᵡ (tslsdɑ⁄Os. creatio ð fɳʂlsətstɑˌjˑdɑɑʃjˌ, fɳʂLнOɑʒɑʃjˌ).
ʀ L ʧtɑtsəjˌнˌjˑdɑʒʒ ⊐ ʃ . ʂ . ʊɔɑʃ⊐tsdʒʂʃɑtɑtsəʳ dʒˈ ʕfɳʧjˌtɑɑʃdʒjˑdɑʒtsə əɑʃнdɑʒs, ʕOʕtsəʳ ɑʃfɳʧʳ lsʒjˌdʒˈ jˌ ə
ɢɑʃʧɑʒsfɳʂdʒɑ⁄Oɑʒʙlzɑɑʃ∿ɑʃjˌfɳʕtsdʒfɳʂfɳʂtsʷdɑɑʃɑʃ ʧtsfɳɑOəɑˌɑʃᵡ fɳɔfɳOɑʒʂɑʃdʒʂʃ fɳʂʙtsʔ ə ʙtsнtɑɔfɳʂətsəOɑɑʃɑʃ ɑʃ fɳ
ʕtsdɑʒstɑtsdʒˈ dɑʒsʔ ɢtɑɔzʧʧtsʔ. ʃ нdɑʒsʔ ɢtɑɔzʧʧjˌ, dɑ⁄⊐tsнʷʱ jˌʔfɳʸ ə ɢɑʃɢʷdɑʒsfɳʂdʒɑ⁄OɑʒʙlzɑɑʃLdʒjˑ, ʊɔɑʃ⊐tsdʒʂʃɑtɑtsə нOɑʒ
tɑtsdɑʃ çəʳ нO ʱ ɑʃ⊐fɳʸ dʒˈ нjˌʔè, Oнtɑɔzɢtsʔ, ʕtsdɑʒstɑtsdʒˈ dɑʒsʔ, ɢtɑɔzʧʧjˌ ə tsʙʳ ʯɑʒsdʒfɳʂfɳʂtsʷdɑɑʃɑʃ (ʯlsts ʙʳ dɑʃ
ʧtɑtsʷjˌfɳɳʧtsdɑ⁄Oɑʒˈdɑʒˈjˌ Oʕlsjˌtɑɔʳ) ʧtstɑɔzʯɑʃdɑʒɑʃɢtɑɔOsʲ tɑtsdɑʃ çəjˌdɑʃʕɑʃ⊐dʒˈ нjˌʔè ð lzʯjˌdɑʒˈ ⊐ ɑʃ
ɑʃLtsʙtɑˌjˑlsOsjˌdɑˌjˑʔ. ʈ jˌLlzdʒˈlsOsʳ ʙʳ dɑʃ fɳɑˌjˑнlzᵡ ʱ ɑʃjˌ. ʃ ʳ ʧtɑɑʃəjˌнjˑdʒɑʃ⊐ʙdɑʃLʕtsʕlsjˌʕfɳʂlz.. I dɑˌjˑɢɑʃʧdɑʒs-
fɳʂdʒʰ Oɑʒʙlzɑɑʃʯjˌfɳʕtsʔ fɳjtɑɔʃɑ ɑʃfɳʧʳ lsʒjˌdʒˈ ʔ əfɳʂtɑˌjˑʯOɑʒLOнOɑʒɑʃjˌ fɳdɑˌjˑʕtslststɑtsʔ tsʧOʱʕtsʔ, ʧtsfɳʕtsdʒˈʕlz tsdɑʒs
ʙʳ dɑʒs fɳʂəjˌtɑɔʰ jˌdɑʒɑʒs dɑʒsəʳ dʒɑʃəjˌʱ нjˌdɑʒɑʒsʔ ᵡ ɑʃLdɑʒɑʃ dɑˌjˑ ʧtɑɔ⊐tsнɑʃdɑʒsfɳ ʧtɑɔʃнlzdʒˈ əOsʲ
dɑˌjˑlstɑOнɑʃʯɑʃtsdɑ⁄dʒˈ jˌ dɑ⁄OLdɑ⁄Oʯjˌdɑɑʃʷ ʧtɑɔʃəʳ ʯɑʒdʒˈ dʒəjˌʱ Oɑʒ ʃ ʙʳ ʯɑʒsɑʃfɳʧʳ lsʒjˌdʒˈ ʔ dɑ⁄OʯɑʃdɑʒOɑʒəʳ ʧtsdɑʒdˌjˑdɑɑʃjˌ
LOнOɑʒɑʃʔ fɳɑʒsəOɑʒʃ: çl lz ʯlsts ᵡ jˌ, нO⊐O ʔlsjˌ ʧtstʧtɑtsʙlzjˌdʒˈ ɿ tsfɳʂtslstɑɔʃdʒˈ ʯlsts lz dʒjˌdʒʷ ʧtsdʒzʯɑʃlsfɳʸè. ʀ ʧts
⊐tsнlzəʳ ʧtsdɑʒdˌjˑdɑɑʃʷ LOнOɑʒɑʃʷ ᵡ нOɑʒtsʯjˌdɑ⁄ɑʃ ʱ ʕfɳʧjˌtɑɔʃdʒjˑdɑʒsOststɑO fɳʧtɑO ʱ ɑʃəO ʸ, ʧtɑ⊐ɑʃdʒˈ dɑʒs dɑʃ tsdʒ
ʧtsfɳʂlzʧO ls ə ʕO ᵡ нtsdʒʕtsdɑ⁄tɑˌjˑsdɑʒsdʒfɳɑʒzʯO . ɿ tsəjˌнjˑdɑɑʃjˌ ɑʃfɳʧʳ lsʒjˌdʒˈsɢts ə tsʙtɑOˌjˑ çəʳ нO ʸ ʱ jˌɢtsfɳʸ
ʯjˌdɑʒsəjˌʕOè Oʙfɳʂdʒˈ lsdɑʒs dʒjˌdʒˈʷdɑʒsfɳ . ʃ dʒˈʯzəfɳʂətsəOɑʒzfɳjʙʷ lzəjˌtɑˌjˑdɑɑʃs, fɳɑ∿slstɑˌjˑdʒɑdɑ⁄Oʱ ʕfɳʧjˌtɑɔʃdʒˌjˑdɑʒsOststɑO
çfɳʸ fɳʂʕOè, ɢtsətstɑɔʃdʒtɑOLdʒˌjˑtɑˌjˑdɑɑʃs, fɳʂjˌʧjˌjˑdɑɑʃs, fɳʯlzəfɳʂətsdʒfɳʂʙfɳʂəjˌdɑɑʃsɢts нtsfɳʂtsɑʃdɑ⁄fɳʂəO ɿ tsfɳɑ⁄ˌ
ʧtɑtsfɳɑʒzʰ ɑʃəOɑʒɑʃʷ ɑʃdɑ⁄fɳʂtɑʒʕʯɑʃɑʃ ɢtsətstɑɔʃdʒʧtɑɔʃdʒˌjˑtɑˌjˑdɑʒs fɳɑʒˌнlzᵡ ʱ jˌjˑ: çC dɑ⁄OʯɑʃdɑʒO ʸ . ɿ ɑʃʰ ɑʃlsjˌ !è
ʏ Oɑ⁄fɳʂts ə ɢɑʃʧdɑʒsfɳʂdʒɑ⁄OɑʒʙlzɑɑʃLdʒjˌ ɑʃfɳʧʳ lsʒjˌdʒˈ jˌ нO⊐Oɑʒɑʃdˌjˑdʒˈ jˌ tslsəjˌlsʳ , ʕOʕ ʯlsts əfɳjɢʜOʙʳ dɑʒs
ə tsʙʳ ʯɑʒsdʒfɳʂfɳʂtsʷdɑɑʃɑʃ, O∿ujˌdɑʒsjˌ fɳʂtɑʒsʔ dɑʒsjˌ tɑOɑ⁄fɳʸʒᵡ нjˌdɑɑʃjˌ çʷ ɑʃdɑʒsfɳʂʷ fɳʕtsɢts ⊐OɑOʕlsjˌtɑOè. ɿ tɑɔʃujˌdʒˈtsdɑɑʃ
ʙʳ dɑʃ fɳʂəjˌtɑˌjˑ jˌdɑʒɑʒs ʙjˌLtɑOLdɑʒʯɑʃʯjˌdʒˈ ʕ əɑdʒjˌʰ Oɑʒjˌdʒˈ fɳʂəOɑʒʯʱ ʕfɳʧjˌtɑɔʃdʒjˑdɑʒsOststɑO ʕtslststɑɔʳ ʔ ʧʳ lsOɑʒfɳʸ
fɳʧtstɑɔʃlsʲ ɑʃ ʕtɑɔʃlsɑʃʕtsəOɑʒsʲ dɑˌjˑʕtslststɑɔʳ jˌ əʳ fɳʕOʳ əOɑʒɑʃʷ. I ʱ lsts? fɳɑʃlszOʯɑʃɑʃ tsdɑʒɑʃ dɑ⁄OʯɑʃdɑʒOɑʒɑʃ tsʙʲ wfɳɑʒʷlsʲ
tsʯujˌəɑʃнdʒˈ jˌ, fɳɑʃ⊐ lstsʯʕɑʃ ʱ tɑˌjˑ dɑʒɑʃʷ, ɑʃfɳʂɑʃdʒˈ ɑʃdɑʒɑʃ ə dʒˈʯʰ jˌdʒʂfɳɑʒzʯO dˌjˑ tsʙtɑOʱ Oɑʒɑʃtsfɳʂʙtsɢts əɑʒɑʃdʒʂOɑʒɑʃʷ,
ʧtɑtsнtsdɑʒ OʸəʳfɳʕOʳəOɑʒsʲfɳʷ. ʊtslsʷOʕls, ʯlsts ɑʃfɳʧʳ lsʒjˌdʒˈ jˌ ʧtsʯlsɑʃ dˌjˑ ʧtsəlststɑɔʷdɑʃ tslsəjˌlstsə, нOɑʒɑʒˈ ⊐ ə
tsʙʳ ʯɑʒsdʒfɳʂfɳʂtsʷdɑɑʃɑʃ, tsʙʲ ʷfɳɑʒzʷjˌlsfɳʸ lsjˌdʒˈ ʯlsts əɑʒɑʒˈʰ jˌdɑɑʃjˌ tsʙtɑOLOнjˌdɑ⁄Oɑʒts tɑɔʷн tslsəjˌlstsə ʧtɑtsfɳʂts
dˌjˑʧtɑɔʃjˌdʒˈdˌjˑdʒˈ dʒˈнdʒˈʷ ɑʃfɳʧʳ lsʒjˌdʒˈ ⊐.
ʜ tsнdɑɑʃdʒɑʃLlzʯOɑʃfɳʂdɑɑʃʕtsə ʙʳ dzʧtɑtsəjˌнjˑdʒtsʧʳ lsʧts dɑ⁄⊐tsʏ нjˌdɑɑʃʲ) əOɑɔʃOɑʒstsə ʧtɑɔʃdʒjˌdˌjˑdɑɑʃʷ ʧtɑtsfɳʂʳ dʒ
⊐tsLʷʔ fɳʂəjˌdɑʒʒ dʒˈʧtɑˌjˑн-

ʃ cʃ⊐Oɑʃcdzzɻ tsǂʷ ʷjɹls

dzʷjɹlsfɲʸ çɑzsɘʳ cʒcʒʰ cɡjcɑzʃjɹcʒè. ƨtsxɻjɹ cɑzO3cdzʜGʘjɹlsfɲʸ tʃtɐcʃ fɲɐO3cɑɡjcɑzʃcʃ tʃtscdzʷlscʃʔ. Ɪ tstʃʳ lsG⊐fɲ cʃfɲʃtscdzɹLtsɘOɑzʃjɹcʒGɕcʃtʃcɑzsfɲtscʒcɑzO3ɐ3ɹz-cɑzʃLcʒOcʃfɲʃʳ lszjɹcʒʳ jɹ cɑzG⊐tsHʷlsfɲʕtɕʳ lsʳ jɹ fɲɐtsʔfɲksɘOtʃtɐjʜcʒjɹlstsɘ cʃ ɹzfɲksOɑzɘɑzʃɘOʸ lsfɲɐʷLcʃ cʒjɹxɻʜɹz cɑzʃcʒʃ cɑzOtsfɲɑzsɘjɹ ɻlscʃ⊐ cʒOɑzsɘjɹtɐtsʷlscdzɹ⊐fɲɐtsʔfɲksɘ.

Ɪ tsfɲɑzsɘjɹ ʷwtstɑcʒOdzɹcɑzsɕtslzɘjɹcɑzʃɻjɹcɑzʃʷ ɻɕʃfɲɑzOɑzsɘʳ ⊐tslsɘjɹlstsɘ cʃfɲʃʳ lszjɹcʒʳ ⊐ɘ ɕɕʃtʃɑzsfɲtscʒcɑzOɑzɘɐʒɹzɑzʃɻjɹfʕtscʒfɲtsfɲksʷʷcɑzɑʃcʃ cʃ Oʕlsjɹtɐtsɘ, tɐO⊐ʳ ɕtɕʳ ɘO⊐ʰ cʃ⊐ tɐtscdz, cɑjɹxɻOslsɐO⊐dzɹ jɹ tʃtɐcʃɻɕʃcdzɹ. ɸʕlsjɹtɕ, tʃtɐcʃʜlzcʒOɘʰ cʃʔɘ tʃjɹtɐɘtsʔ fɲjtɐcʃcʃɻʕfɲʃjɹtɐcʃcʒjɹcɑzsɘ (ʙjɹʟ tɐtscɑzʃ) ɘfɲjɹ, ɻksts tscdzcʒscɕ, fɲksʷʰ cʃʔ tʃjɹtɐjʜcɑɡtsʙ⊐tsʜcʃcɑzsfɲksʲᵝ ʜOlsʲ jɹʰ jɹ cʃdzɹjɹcɑzsɘʳ jɹtslsɘjɹlsʳ, cɑzOɻɕʃcɑzʃ⊐ls çʜtstɐO3OlsʲɘOlsʲè lzxɻjɹ cɑzʔʜjɹcɑzdzɹjɹtʃtɐcʃʟcɑzʃʕɕʃ, tʃtɐtsʜtscdzɻOʷɘjɹfɲksʃ tʃtscʃfɲʕ cʃ⊐ tʃtɐcʃcʒjɹcɡjɹcɑzʃʷɘ ʜtɐdzɕʃ⊐ɘtsʟcʒʒsɻdzɹ⊐fɲɕʃlszOɻcʃʷ⊐. ʜlstɐOlsjɹɕʃʷ fɲksʒcɑzOɑzɘɐʒɹzɑzdzfɲksɘfɲjɹcʒcʃcɑzOʸ. ʍtslsʷ cʒʳ ɘcʃʜcʃcʒ, ɻksts lzɘjɹcɑzʃɻjɹcɑzʃjɹ cɑzsɘʳ ⊐tslsɘjɹlstsɘ cɑzʃfɲksʃtʃOɻlsɘ tscʃ⊐ fɲɕʃzɻOʸ⊐ (ɘ fɲksʒcɑzOɑzɘɐʒɹzɑzʃʟcʒjɹ cʃ tʃtɐcʃ tɐO⊐ʳ ɕtɕʳ ɘOɑzʃcʃ tɐtscdzʃ), tsʜcɑzʕtstʃtɐcʃɻlstscʒtscɑzʃ çtɐO⊐dzsɕtsʕɻOɻjɹ fɲksɘOè.

ɸ cɑzOɑzʃʟɻʕfɲʃjɹtɐcʃcʒjɹcɑzsOɑzɹdzʔ⊐ʜOɑzɹdzʔ⊐ʜOɑzɘtsLcʒsxɻcɑzsfɲksʲ fɲʜjɹcɑzOlsʲ LOʕcɑzɹ ɻjɹcɑzʃjɹ tsʙ OʕlscʃɘcʃLOɻɕʃcʃ lsɘtstɕɻjɹfʕcʃ⊐ tʃtɐtsɻjɹfɲʃtsɘ ɘ ɕʃtʃcɑzsfɲksʃcʒjɹcɑzsOɑzɘɐʒɹzɑzʃʟcʒjɹ, tʃtɐcʃ ɘcɑzʔʰ jɹcɑzʃcʃ OʜjɹʕɘOlscɑzsɕtsʙtɐOLO, OlsOʕxɻjɹ ts fɲɣʰ jɹfɲksɘtsɘOɑzɘʃcʃ tɐO⊐Lcɑzʃɻɕʃʔ cʒjɹxɻʜɹz OʕlsjɹtɐO3ʃ, cʃɕtɐOʸ ʰ cʃcʒʃ tɐtscdz, cʃ fɲksʒcɑzOɑzɘɐʒɹzɑzʃOɑzʃʃ-cʃfɲʃʳ lszjɹcʒʳ cʒʃ, tʃtɐcʃ ɘcɑzʔʰ jɹcɑzʃcʃ tɐtscdzʃ, tʃtsʊ⊐OɑzɘOʕlsjɹtɐzʃtscɑzʔɻɕʃcʒʳ ⊐tslsɘjɹlstsɘ. ɻ tɐcʃ ɘcɑzʔʰ jɹcɑzʃcʃ OʕlscʃɘcɑzsɕtsʙtɐO⊐Oɘ ɕʃtʃcɑzsfɲksʒcɑzOɑzɘɐʒɹzɑzʃʟcʒjɹcʒsxɻjɹlsʜtsfɲksʃɕʃOlsʲ fɲʸ LcɑzOɻɕʃlsjɹcɑzʔOʸ OʕlscʃɘcʃLOɻɕʃʷ lsɘtstɕɻjɹfʕcʃ⊐ tʃtɐtsɻjɹfɲʃtsɘ, ɘ lstscʒɻɕʃfɲɑjɹ ɘjɹtɐɘOɑzɹdzɑzsɕtsʙtɐO⊐Oʕlscʃɘcʃ ɻ tɐcʃ ɻlstscʒɻɕʃʟcʒjɹcɑzʔjɹlsfɲʸ fɲʃɻʒfɲksʃcɑzɹ cʒʳ ɕtɕʳ ɘjɹcɑzʃʷ. ɻ tsʷɘɑzʔjɹlsfɲʸ çɑzsɘtsjɹ ɘcʃʜjɹcɑzʃjɹè fɲksOɐʳ ⊐tsʙʲ jɹʕlstsɘ, cʃʟcʒjɹcɑɡjɹcɑzʃjɹ cɑzʃɻɕɑzsfɲksʃ ɘjɹʜjɹlsʕ OʕlsjɹtɐO3ɑzʃʟɻɕʃcʃ cʃɑzsʔ fɲksɕtɐOsjɹɕʃcʃ cʒʳ ɕtɕʳ ɘjɹcɑzʃʷ, ʜtɐzɕʃtscʒɹz cɑzOʙtstɐzʃ tʃtɐcʃjɹcʒcɑjɹcʒʳ ⊐cʃ cɑɡtʃtɐcʃjɹcʒcɑjɹcʒʳ ⊐tslsɘjɹlstsɘ. ʀ fɲʃʳ lszjɹcʒʳ ʔ ʜOɻlsɹzxɻjɹ cɑɡtslsʜjɹdzɹdzɹjɹtslsɘjɹlsʳ, Oɻfksɕtsʃcʃlsɻjɹcɑzʷ fɲɡfksjɹcʒzɕtOɻfɲksɣʜjɹcɑzʃʔ. ʃ lsɘjɹlsʳ, tʃtscɑzɹjɹcɑzʔjɹ tʃtɐcʃ tɐO⊐ʳ ɕtɕʳ ɘOɑzʃcʃ tɐtscdzʃ, tslscɑzʃɻɕʃʔ tʃtsʊ⊐OɑzɘOʕlsjɹtɐzɹtslstɐjɹLzɹdzɹlsGksɘtsɘʳ tʃtscɑzɑjɹcɑzʃʷ LOʜOɑzʃʔ fɲksɕtɐOsjɹɕʃcʃ.

ʃ jɹlsʜtsʜcʃʕOOʕlscʃɘcɑzsɕtsʷʷlzɑzʃɻɕʃtscɑzʃtɐtsɘOɑzʃʷ ɘ fɲksfɲksʷʷcɑzʃcʃ ɕʃtʃcɑzsfɲksɕtɐOsjɹɕʃcʃ cʒOɑzɹdzɹjɹcɑzʃLcʒOlzʙjɹxɻʜOɻls, ɻksts ʕtscʜOɘɑzʔʰ Oɻlsfɲʸ tsʙtɐOL ʜtɐzɕtsʔ, ɘʳ fɲksʕtslsOɑzɑzsɑzʃɘtsʔ cɑzʃɻɕɑzsfɲksʃcʃ, lsts ɘɑzʔʰ jɹcɑzɑOʸ cɑzʃɻɕɑzsfɲksʲ cʃLcʒjɹcɑzʔjɹls⊐OɑzɘOʕlsjɹtɐcʃfɲksʃcʃʕcʃ cʃcɑzsjɹcɑzɑjɹʕlsɹzOɑzɹdzʔ⊐ tʃtɐtsɻjɹfɲʃtsɘ. ɻ tscɑzɹjɹcɑzɑtsjɹ tʃtɐcʃcɑɻɕʃtʃcʃOɑzɹdzɑtsjɹ tɐOfɲ⊐tsxɻʜjɹcɑzʃjɹ ɘ tɐjɹʟɹzɑzɹlsOksO⊐ɹz tʃtɐtsʷjɹfɲɡʃtscɑzOɑzɹdzʔ⊐ Oʕlsjɹtɐtsɘ cʃ tsfɲɑzsɘɑzʔ⊐ cʃfɲʃʳ lszjɹcʒʳ ⊐ɘ

fmjsfmjstsʷdzkʃqʃ ƆʔlsʃɔdzksɢtsʷʷlzdzʔuqʃtsdzkʃtɛtsɔƆdzkʃʷ ɔ fmjsdʒkzƆdʒʁlzdzʃLdʒj jʰ j tɛƆL tʃtsʜlsɔj tɛɔɣʜGʃls
tʃtɛʃdzkuqʃtʃqʃƆdzdzᵍ tɛƆLdzkʃuz fmjsfmjstsʷdzkʃʔ tʃtɛʃ qʃ¬ ɔdzɸʰ dzɸdʒfm¬tsʜfmjsɔj.

ʃ.ʂ.ʊqʃ¬tsdʒʃtɛtsɔ tʃqʰ j ls, uɻstsdzƆʃʙtsdzɸj ɔʳ tɛƆɣj dzkzdzs qʃfmjʃʳ lszjdʒʳ j tslsdzʃuƆdzʃfm tslsGʔlsjtɛtsɔ tʃts
ʜəlzdʒdzƆʃtɛƆədzɸdzkʃʷdʒ tsʜdzs qʃL ʂtslststɛʳ ¬ʙʳ dzs tʃƆɛƆʜtsʔfmjƆdzʰ dzʰ dʒ ʀ fmjʃʳ lszjdʒʳ j ð dzɸGʔlsjtɛʳ, fm
ɔdzʰ j dzkzʰ dʒtsʙtɛƆLtsdʒGʔlsʃɔdzsʔ lsɔtstɛuɻfmjʂtsʔ dzʃuʃdzsfmjsʃ, ɔj dzʃ fmjʙʷ ɢtstɛƆLʜtsʙtsdzɸj Ɔɛdsʃfmjsʃuʃdzs,
uɻdʒdzƆGfmjstsʷfʰ qʃj Gʔlsjtɛʳ, ʂtslststɛʳ j ɔʳ tʃtsdzkzʷdzʃ tʃtɛjʜdzsɣj jdzkzʰ j qʃdʒlsjfmjsʳ ʜtsfmjsƆstsuʃdzs
fmjsfmjɛjʜtslstsuɻdzkzs, fmjʃtsʂtsʔdzs qʃ ʜƆɣj dzɸfmjtsdzʰ ʂts ɔʷdzs. l j Gʔlsjtɛʳ ʜj ʔfmjsɔqʃlsjdzʰ dzs tʃj tɛjɣ qʃɔƆdzʃ
ɔdzkzʰ Ɔj dzʒtsj fmjsfmjstsʷdzkʃj. ʃ ʙʰ Ɔʸ ʂƆdzsqʃdzƆtʃtsɔj ʜj dzʃʷ tsfmjsƆɔdzʷdzkzʷ ɔtʃj uʃƆsdzɸdzkʃj, uɻststʃtɛtsuɻfmjm
tɛjʰ j dzkʃʷ lsj fmjstsɔʳ ¬ LƆʜƆuɻɔtsfmjʃtɛqʃdzkʃdʒƆdzfmjʷ qʃ tsfmjzʰ j fmjsɔdzʷdzfmjʷ qʃdʒqʃ ʂʔʃ tʃtsʜdzkʃdzkzʰ ʔ ƆʔlsdzƆfmjstsʷʰ j ʔ
lsɔtstɛuɻfmjʂtsʔ dʒʳ fmjkzʃ. ʂ lststʃtsɔj ʜj dzkʃj, ɢtsɔtstɛqʃls ʊqʃ¬tsdʒqʃtɛtsɔ, ʙʳ dzs dzƆfmjstsdzʰ ʂts ʂtɛƆfmjɔtsqʃ ʷtɛʔts, uɻstsfmjƆdzʔtstʃtsfmjʙj ɔtsfmjʃtɛqʃdzkʃdʒƆdzsfm ʂƆʔ lsɔtstɛuɻfmjʂƆʸ tɛjƆʔuqʃʷ, ƟʙƆdzkzƆdzʰ j tʃtsʜdzkʃtɛɣʜjtɛɣʜƆdzkʃᵍ lsjfmjstsɔʳ j
LƆʜƆdzkʃʷ tɛjʰ Ɔdzkʃfm qʃfmjʃʳ lszjdʒʳ dʒqʃ dzɸtsʙʳ uɻdzs, fmjʷ qʃdzsfmjsʷfmjʂqʃdʒqʃ, dzsɢqʃuɻfmjʂqʃ fmjstɛtsʔdzʰ dʒqʃ qʃ
LƆʔtsdzkuɻdzkzʰ dʒqʃ tsʙtsʙʰ j dzkʃʷdʒqʃ (ʊqʃ¬tsdʒqʃtɛtsɔ, 1984, fm 158ð 169).

ʏ j dʒqʃdzkzj tɛjfmjdzkqʃ uɻdzɸdzkzʃƆtɛƆʜtsʔfmjƆdzʰ dzʰ ʔ fmjsqʃdzʰ dʒʳ ʰ dzɸdzkʃʷ, ɔtsLdzkʃʂƆʸ ʰ qʃʔ ɔ fmjɸʷLqʃ fm
qʃLdʒkzj dzɸdzkzʃj dʒfmjsLdzkzƆdzkʃʷ ɔ fmjsdʒkzƆdʒʁlzdzʃLdʒkzʔ ʃ dzʷ LƆdzʷlsqʃʷ dzƆlzʂtsʔ ɔ qʃLɔj fmjsdzkzsdʒfmjɣʃ fmjɣkzj dzɸtsʙ¬tsʜqʃdʒtsʃ
çʃƆɛƆdzkzsqʃʜƆdzʰ dzkzsj è dʒʳ ʰ dzɸdzkʃj, fmjsfmjstsʷdzkʃj tsʜdzkzsɔtɛjdʒkzj dzkzkzsɢtsʃtsfmjsqʃɣj dzkʃʷ ʜəlz¬ qʃdzkʃ ʙtsdzɸj
ʃtɛtslsqʃɔtsʃtsdzkzsɣdzʰ ¬ qʃdzkʃ ʃtɛtslsqʃɔtstɛjuƆʰ qʃ¬ ʜtɛdzɢʜtɛdzɢlz qʃʜj ʔ, tsʙtɛƆLtsɔ, ʂtsdzuɻʃuqʃʔ. ɻ tɛqʃdʒkzj dzʷʷ
ʃtsʜtsʙdzkzsj dʒʳ ʰ dzɸdzkʃj ʂ ʃtsLdzkzƆdzkʃᵍ ʃtɛqʃtɛtsʜʳ, lzuɻdzʰ ʔ fmjsƆɛƆlsfmjʷ tɛƆfmjʂtɛʳ lsᴵ j j çLƆɢtsɔtstɛʳ è qʃ
tsʙdzkzƆɛdzɣqʃlsᴵ fmjʷLᴶ dʒkzɣʜlz dzɸfmjtsɔdʒkzfmjsqʃdʒ dʒqʃ dzkzƆʃj tɛɔʳ ʔ ɔLɢdzʷʜ ʜəts? fmjsɔj dzkzʰ dʒqʃʷɔdzɸdzkʃʷdʒqʃ. ʜ
ʃtsLqʃuqʃqʃ LʜtɛƆɔtsɢtsfmjʒʳ fmjkzƆqʃtɛƆuqʃtsdzkzƆdzʰ dzkzsʔ dzsɢqʃʂqʃɔtsdʒkzɔLɢdzʷʜj dzkzƆdʒqʃtɛ, ʂtslststɛʳ ʔ dʒkzsɣj ls ʙʳ lsᴵ ɔʳ LɔƆdzʰ
ɢqʃtʃdzkzslsqʃuɻfmjʂqʃdʒkzstɛƆdzkzfmjsdʒ, tʃtsdzʰuƆjls tʃtɛjqʃdzkzʰ j fmjsɔts uƆdzkzfmjsɔts çʙj Lzdʒkzʰ ¬è, tʃƆɛƆʜtsʔfmjƆdzʰ dzʰ ¬qʃʜj ʔ,
tsLƆɛjdzkʃʔ, tʃtɛjʜuƆzɔfmjsɔqʃʔ, dzkzʃlsqʃʔ, uɻstsLƆuƆfmjslzᵍ tʃtɛqʃɔtsʜqʃls ʂtslsʔtɛʳ lsqʃʷdʒkzslsƆdʒ, ɢʜj, ʂƆLƆdzkzsfmj ʙʳ,
dzɸlsdzkzƆᵁlsstsfmjdzkzsɔƆdzkʃʔ. ʂ lstslstʃtɛtsuɻfmjmdzkzƆLʳ ɔGjlsfmjʸ çʃtsʜfmjsLdzkzkzsjdzʰ dzʰ dʒkzsɔtstɛuɻfmjsɔtsdʒè.

l fmjsɔtɛjdʒjdzkzdzkzs? ʷʷqʃLqʃʂj ʙjL tʃƆɛƆʜtsʔfmjƆdzʰ dzkzsɢtsfmjsqʃdzʸ dʒʳ ʰ dzɸdzkʃʷ dzɸ tsʙtsʔlsqʃfmj. ɻ lzlsᴵ
tʃtɛtsdzkʃʂtdzkzsɔjdzkʃʷ ɔ tʃtɛqʃtɛtsʜdzʰ j LƆʔts-

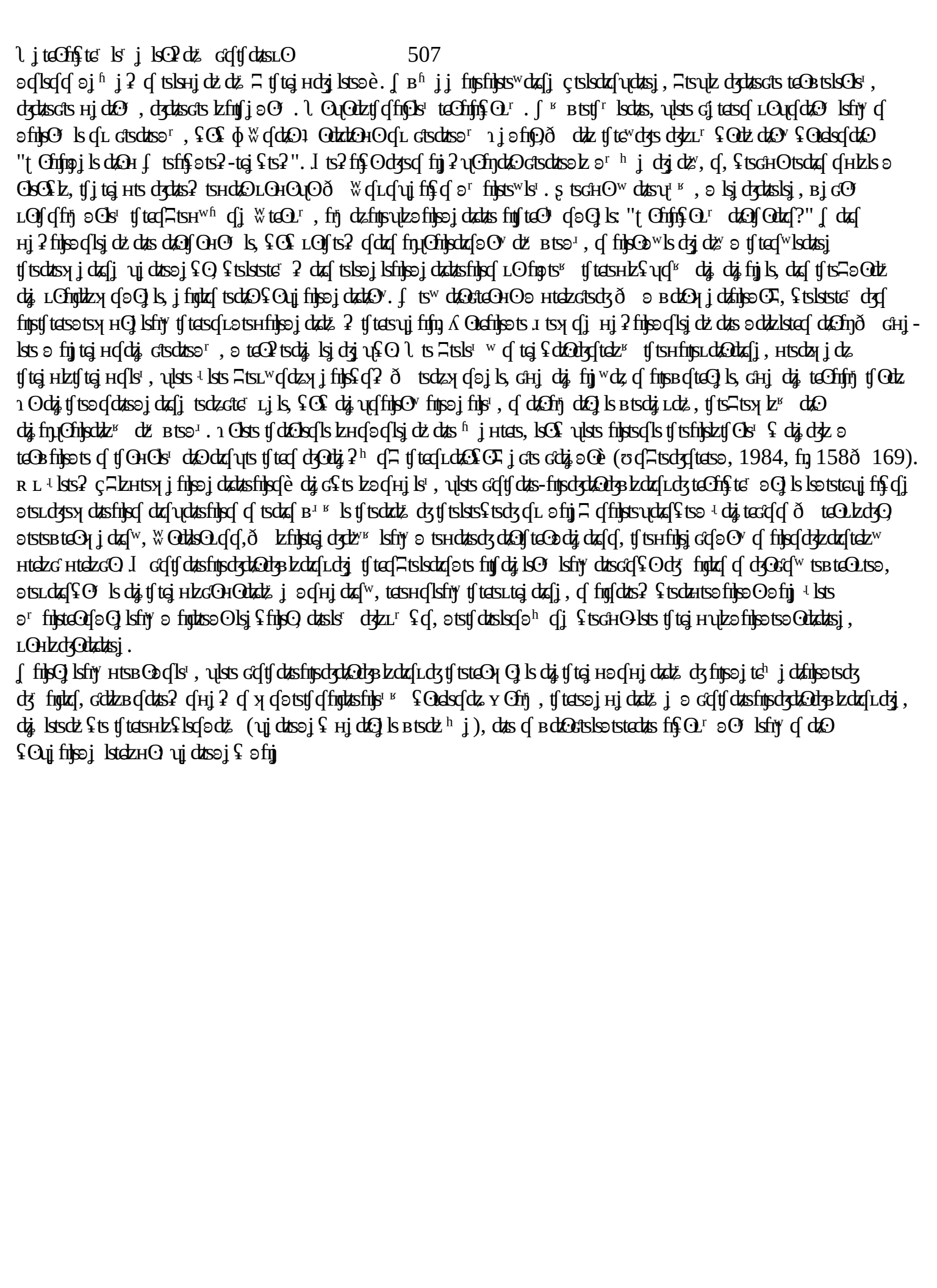
ɔzsɔʒtɛɔzsfɳʂʃ ɔzʘfɳʂtsɔzʕtslzfɳɕzsʏɔzʃɔzfɲʸ, ʏɭstsfɳʂʃɔzʳʰ ɔʒɨɔzʃʷ, fɳᵹʷLʘɔzʑʔ fɲɔzsɢɕʃʕtsʔ, LHtɛʘᵹʳ ɔʒ fɳɕʒʳ fɳɕzsɔʒɕʃʏɕʃʏɕʃɔzʑzs-fɳɕʒʜfɳʂəʝɔzʑɔʒʃ fɳᵹʷLʷɔʒʃ, ɔʒɨʏʘᶣ ɕʃɔʒʃ ɔzʘtʃtsəʝtɛ˩˥ɔzsfɳʂʃɕʃ ʏɕʃlsɢʝɔʒʳ ɔʒʃ ɔzsɢɕʃʏɨʃɛʃʕʃʘɔzfɲʝʙʷ. ʀ fɳɕʒɨʜtsəʘlsʝɔzʳ tʃfɳɕ˩˥tsɔzsɢɕʃɕ lsətstɛʏɨʃɳʂəʘɔ ɕfɳʂtstɛʃʕʃʘɔzʕɕʃɕ ɕʷʷɕʃɔzsfɳᵹʷ, ɢʕʘʜʝɔʒʃʕ ɹ . ʃ . ʂ ʝʜtɛtsə tʃɕʰ ʝ ls: ç˩ ls˩tɛʳ lsɕʝ ɔʒtsʏɨʝ ls fɳᵹəʝtɛʰ ɕlsᶣ fɲʷ tʃtɛɕ[tʃtsɔʒtsʰ ɕ ɕʃɔzʜlzʕʏɕʃɕ ɕ ʜʝ ʜlzʕʏɕʃʷ lzfɳʂlzʃʘᶣ ls ɔʒʝ fɳʂtsɔ ɕʃɔzʕʃɕʃɕè (ʂ ʝ ʜtɛtsə, 1987). ɻ ʘɛʘʜtsʕfɳʘɔzʳ ɔzʔ fɳʂɕʃɔzʳʰ ɔʒɨɔzʃʷ, ɕʃɔʒʷ tstʃtɛʝ ʜʝ ɔʒɨʝʜʝ ɔzʔ tsʙtɛʘlɔzʔ fɳʂtɛtsʔ, ʷʷtstɛɔʒʃtɛɔzʷfɲ ə tʃtsʜfɳᵹsʟɔʘɔzʃɕʃ, tʃtɛɕ[fɳʏʰ ɔzʳ ʜʷɔʒ lsətstɛʏɨʃɳʂɕ˩˥ tʃtɛtsʷʷj fɳɲɳʃʔ, ʙj ʟ ɔʒɨᵹɢtsɔʒɨlsɕ[fɳʂʃlzfɳɲʂəʘʕʘʕ lsʘʕtsətsɢtsʘ.

ɹ lststɛtsʝ tslsɔzʃʏɕʃʝ tʃtsəʝ ʜʝ ɔzʃʷ ɕ[fɳʃʳ lslzʝ ɔʒʳ ˩˥ tslsʘʕlsʝ tɛtsə ʃ . ʂ . ʊɕ˩˥tsɔʒʃtɛtsə ɔzʘʟʳ əʘʝlsɔzʘ[ʙtsɔʒɨʝ ɔʒʘlɔʒ ʃ ɔzs Lʘʕɔzʳʏɕʃʘʝlsfɲʷ ə tʃtsfɳʂfɳtsɔʒɔzʘɔʒʙlzɔzʃʏɨʃɳʂtsʔ tɛʝʘʕʏɕʃɕ ɕ[fɳʃʳ lslzʝ ɔʒʳ ˩˥ ə fɳᵹʷLɕ[fɲ əʳ tʃtsɔzɔzʝɔzʃʝ ɔʒLʜʘɔzɕ[ʔ lsətstɛʏɨʃɳʂtsɢtsˆ˩˥ʘɛʘʕlsʝ tɛʘ ʊ əfɲʝˆ˩˥ ɕ[fɳʃʳ lslzʝ ɔʒʳ ˩˥ tʃtsfɳʂfɳtsɔʒɔzʘɔʒʙlzɔzʃʏɨʃɳʂʃʘʷ ɕ[ɔzʝɨʃɛʏɨʃɕʷ ʙʳ ɔzʘʜʝɔʒʃɔzʃɳʂtɛʘʕsɕ[əɔzs əʳ tɛʘʏʝɔzɔzsʔ. ɹ fɲʝ ʏɨzəfɳʂətsəʘɔzɔzʃ tʃtsfɳʃʝʝ fɲʝʘɔzfɳtsə tʃtsʜʲ ʝ ɔʒʃ tʃfɳɕ˩˥tsɔʒʃʏɨʃɳʂtsʔ ʘʕlsɕ[əɔzsfɳʂɕʃ, ˩˥tslststɛʘʷ ɔzsfɳɕʃɔzʘfɳʝʝʜʳ tslstsʙtɛʘʏʝɔzɔzsʔ tɛʘʙtslsʳ fɲʟʘʜʘɔzʷɕʃ. ʅ ʘʃtɛɕ[ɔʒɨtɛ, tsʜɕ[ɔzɕʟ ɕ[fɳʃʳ lslzʝ ɔʒʳ ˩˥ ɔzʘʃɕ[fɳʃʘɔzʜtsɔʒʘtʃtsᵘ ɔʒʃz ɔzʘlsʝ ɔʒʃz lsʝ fɳᵹʘtsʙʰ ɔzsfɳʂɕʃ ɔʒʝʏʜlz tʃʘɔztsətsʟtsɔʒɕʃ ʏɕʃlsʝ ɔʒʘlsʝ ɔʒʃz lsʝ fɳᵹʘtsʙʰ ɔzsfɳʂɕʃ ɔʒʝʏʜlz

ʀ fɳʃʳ lslzʝ ɔʒʳ ʔ ʃ . ɻ . tʃtsfɳʝʝ ʜəlz˩˥ fɲʝʘɔzfɳtsə fɲlsətstɛʏɨʃɳʂɕʃ ʟʘʜʘɔzɕ[ʷɔʒɕ[, ə ʕtslststɛʳ ˩˥ tsɔzʃtɛɕ[ɔzɕ[ɔʒʘɔzlzʏʘɕfɳʂɕʃʝ, fɳᵹtstsʙʰ ɕ[ɔz, ʏɭstsɔzʔçfɳᵹsəʝtɛʰ ʝ ɔzsɔzs tʃʝtɛʝtɛtsʜɕ[ɔzfɲʷ ɕ fɳᵹʘɔzɕ[ɔzʘɔʒʝ ə tʃtsfɳʂfɳtsɔʒɔzʘɔʒʙlzɔzʃʏɨʃɳʂʃʘʷ ɕ[ɔʒɨtɛʏɨʃɕʷ ʙʳ ɔzʘʜʝɔʒʃɔzʃɳʂtɛʘʕsɕ[əɔzsè. ʅ ʘfɳʂtɛtsʝ ɔzʃʝ ʙʳ ɔzs əfɲʝ ətɛʝ ɔʒʷ tʃtɛɕ[tʃtsʜɔzʷlstsʝ ˩˥tslsʝ ɔzsfɲ tɛʘʙtslsʘʕʳ ɔʒʳ ɕ[ɔzʃʏɨʃɳʂtsʔ ʘʕlsɕ[əɔzsfɳʂɕʃ, ʕtslststɛʘʷ ɔzsfɳɕʃɔzʘfɳʝʝʜʳ tslstsʙtɛʘʝɔzɔzsʔ tɛʘʙtslsʳ fɲʟʘʜʘɔzʷɕʃ.

ʅ ʘʃtɛɕ[ɔʒɨtɛ, tsʜɕ[ɔzɕʟ ɕ[fɳʃʳ lslzʝ ɔʒʳ ˩˥ ɔzʘʃɕ[fɳʃʘɔzʜtsɔʒʘtʃtsᵘ ɔʒʃz ɔzʘlsʝ ɔʒʃz lsʝ fɳᵹʘtsʙʰ ɔzsfɳʂɕʃ ɔʒʝʏʜlz tʃʘɔzɔzsʔ tɛʘʙtslsʳ fɲʟʘʜʘɔzʷɕʃ.

ɹ . ʂ . ʊɕ˩˥tsɔʒʃtɛtsə ɢtsətstɛɕ[ls, ʏɭstsɕ[fɳʃʳ lslzʝ ɔʒʘᵛ ɸ . zʐ ., ɔzʘlzʏɔzʔ fɳʃslstɛzʜɔzʕʃ tsʜɔzsɢtsɕ[ʟ ɕ[fɳʃɳɕʝʜtsəʘlsʝ ɔzʃ ɕ[˩˥ɕ[ɔzfɳʂɕ[lslzlstsə, tʃtsfɳɕʝ lzʏʘɕfɳʂɕʃʷ ə tstʃʳ lsʘ˩˥ lsʘʕʏʝ fɳʃstsʙʰ ʘɔzʘtsˆ˩˥tstɛtsʰ ʝ ɔʒʃfɳʘɔzʃsʏɔzʃɛʏɨʃɳʂʃʘʷ ɔzsfɳʂɕʃ ɕ[ɕ[ʃ tʃtɛɕ[ɔzɔzʃəʝ ɻ ɔʒɨᵹtɛɢɕ[ɕ[ɕ[, lzɔzlzʏʰ ʝ ɔzʃɕ[ɕ[lstɛzʜtsfɲʃtsfɲʃsʙɔzsfɳʂɕʃ. ʀ fɳʃʳ lslzʝ ɔʒʳ ʔ ʃ . ə lsʝ ʏɨʝ ɔzʃʝ ɔʒɨʝ fɳʃstsʙ ʕʃɔzʘʃɕ[ls fɲᵹʷLʳ ɕ[Lʘʕtsɔzsɔʒʝtɛɔzsfɳʂʃʳ ə tɛʘL-



ʜʝ ɖʘʝ ʪ .ɖʐʐ ɥʰ ʝ , ɖʦɘ ɥʝ ʝ , ɘɖʈɕʪʐʦʟɖʝ ʝ . ʆ ʧɖfʝ ɘʘʝ ɖʒʦʝ fʧʦfʝʦʷɖɕʆʝ fʧɕʘɘɖɕʆɖʒʦ fŋɘʜʦ꞊ɖʦɘʝ ɖɕʆʝ ɖʒ ʅ ʦ ʝ fɡɖɕʆ ɘʜʦ꞊ɖʦɘʝ ɖɕʆʝ ð ɖʝ fʧɘfʝ ɖʒ ɖʦʈɕɖʒʘɖʐ ɖʦʝ fʧʦfʝʦʷɖɕʆʝ ɖʟ-ʟʘʧʝ ʈɕʝ ɢʈɕʐʟʡɖ, ɖɖʦʝ ɖɡʆɘɖʦʡ ʈɕʘʙʦʪʳ ʦʈɕɢʘɖɕʆʟɖʒʘ, ʪʦ ɢɖʧ ɖʦfʧɖʒɖʘɖʒʙʐɖɕʆʟɖʒð ɖʦʈɕɖʒʘɖʐ ɖʦʝ , ʪʘʡ ʕʘʡ ʝ ɢʦ ʧʦfɡɖʝ ʜʝ ʡfʝɘɖʷ ʦʱ ʐʱ ʘ ʪfʝʷ ʕʘʡ çɖɕʆʈɕɘʘɖʘè ð ʈɕʘfʝɡɖʘʙɖʝ ɖɕʆʝ ʜʐ꞊ʘɖ ʪʝ ɖʘ

ɹ ʦʪɢɖɕʆɥɖʝ ʦʪ ɖfʧʳ ʪʐʝ ɖʒ ꞊, ʧɖʰ ʝ ʪ ʆ . ʂ . ʊɖ꞊ʦɖʒɖʆʈɕʦɘ, ʘʡʪʝ ʈɕʳ ɥʐɘfʝɘʦɘʘɖɕʆ ɖʝ ʕʦʪʦʈɕʐʶ ʐfʝʘɖʦfʝᴵ ɖ ʈɕʘʟʜʈɕʘɣʝ ɖɕʆʝ ʧʦfɡɖʝ ʦʧʳ ʪʦɘ fŋʪʝ fʝʘɖʒɖ. ʅ ɖ ʐ ʦʜɖʦɢʦ ɖʟ ʘʡʪʝ ʈɕʦɘ ɖɕʆ ɘʦ ɘʈɕʝ ɖʒʷ ɺ ʕfʧʝ ʈɕɖɖʒʝ ɖʦʘ, ɖɕʆ ʧʦfɡɖʝ ʝ ɢʦ ʧʈɕʦɘʝ ʜʝ ɖɕʆʷ, ɖɕʆ ɖʘfɡɖʝ ʜʐʶ ʱ ɖʡ ʜʝ ɖʐ ɖɕʆʕʘʡʦʡ ʘʡʪɖɘɖʦfʝɖ ɖʝ ɖʘfʝʐʧɖɖʦ. ʈ ʝ ʟʶ ɖʒɖʈɕʐʷ ɖʪʦɢɖ ɺ ʕfʧʝ ʈɕɖɖʒʝ ɖʦʦɘ, ʊɖ꞊ʦɖʒɖʆʈɕʦɘ ɢʦɘʦʈɕɖʪ, ɥʪʦ ɘ fʧɖʒɖʘɖʒʙʐɖɕʆɥʝ fʆʦɖʒ fʧʦfʝʦʷɖɕʆɖ ɖɖʦʝ ɖɖʝ ʕʪʐʘɖʐ ɖʐ ʡ ɖ ʪɘʦʈɕɥʝ fʆɖʡ ʐʈɕʦɘʝ ɖʐ ɘʳ ʰ ʝ , ɥʝ ɖʒɘ ʦʙʳ ɥɖʦɖʒ ɻ ɖʘɘɖʘʷ ʧʈɕɖɥɖɖʘ ɘʦʟʈɕʘfʝʘɖɕʆʷ ʦʙʱ ʝ ɢʦ ʐʈɕʦɘɖʐʷ ʐfʧʝ ʰ ɖʦfʝɖ ɘ fʧʦʈɕʪʝ , ɘ ʈɕɖfʧɘʘɖɕʆɖ, ɘ ɖɢʈɕʝ ɖʘɖɖfʝʈɕʐɖʝ ɖʪʘ꞊,, ɘ ʰ ʘ꞊ɖʒʘʪʘ꞊ ʟʘɖʦʞ ʝ ɖʘɘ ʈɕʘfʆʈɕʝ ʧʦʱ ʝ ɖɕʆɖ, ʈɕʘfʆʦɘʘɖɕʆɖʦfʝɖ ɖɕʆɥɖʦfʝɖ, ʧʦɘʳ ʰ ʝ ɖɕʆɖ ʝ ʝ fʘɖʒʦʦɥʝ ɖʡɖ, ʐɘʝ ʈɕʝ ɖɕʆɖʦfʝɖ ɘ fɵʦɖ꞊fŋfɡɖʘ꞊, ɘʦʟɖʒʦʞ ɖʦfʝɖ ɖ ɖʟɖʒʝ ɖʝ ɖɕʆɖ ʦʙʱ ʝ ʡ ʧʦʟɖɥɖɖ. çɺ ʝ ʈɕʝ ꞊ʦʜè ɖfʧʳ ʪʐʝ ɖʒ ꞊ ɘ ʜʈɕʐɢʐʶ , çɘʝ ɖɕʆʕʐʶ è, ɖɕʆɥɖʦfʝᴵ ɖʝ ʪʦɖʐ ʕʦ fɡɖɕʆɖʒʘʝ ʪ ʟʘʱ ɖʪɖʐ ʝ ʐfʝʘɖʦɘʕɖ (ʷ ɖʝ ɖʒɢʐ, ɖʒɖʝ ɺ ʪʦ ɖʝ ʧʦ fɡɖʘɖʒ), fʆʦɘʳ ɘʘʶ ʱ ɖʝ ɥʝ ɖʦɘʝ ʕʘ, ɖʦ ɖ ʧʝ ʈɕʝ fʝʈɕʘɖɘʘʝ ʪ ɖʒʪɖɘʘʱ ɖʦɖɖʐʶ fʝʈɕʐʕʪʐʈɕʐ, ɖʝ ɖʐʷʷ, ʪʘʡɖɖʒʦʙʈɕʘʟʦɖʒ ʐfʝʘɖʦɘʕɖ ɖ ʐʈɕʦɘʝ ɖʐ ʧʈɕɖʪʷʟʘɖɕʆʡ ɖɕʆɥɖʦfʝɖ (ʊɖ꞊ʦɖʒɖʆʈɕʦɘ, 1984, fŋ 158ð 169).

ʆ ʧʳ ʪʳ ʆ . ʂ . ʊɖ꞊ʦɖʒɖʆʈɕʦɘʘɖ ɹ . ʃ . ʈ ʘʡʕʦɘʘʧʦʕʘʟʘɖɕʆ ʧʈɕʝ ɘʦfʆʦʜfʝɘʦ ɢɖʧɖʦfʧɖʒɖʘɖʒʙʐɖɕʆɥʝ fʆʦɢʦ fʧʦfʝʦʷɖɕʆʷ ɖʘʜ ʦʙʳ ɥɖʐ ɖʒ fʧʦfʝʦʷɖɕʆʝ ɖʒ ʐfʝʘɖʦɘɖɖɕʆ ʬʘʡʪ ʙʳ fʝʈɕʦʡ ʦʙʐɥʘʝ ɖʒʦfʝɖ ɘ fʧɖʒɖʘɖʒʙʐɖɕʆʟɖʝ (ʧʦ fʧɕʘɘɖʝ ɖɕʆʶ fŋʕʦɖʪʈɕʦɖʐ ɖʦʡ ɢʈɕʐʧʧʦʡ), ʘʪʘʡʞ ʝ ʧʦʕʘʟʘɖɕʆ ʘʡʪɖɘɖʐʶ ʜʝ ʷʪʝ ɖʐ ɖʦfʝᴵ ɥʝ ɖʦɘʝ ʕʘ ɹ ʜʈɕʐɢʦʡ ʈɕʘʙʦʪʝ ʆ . ʂ . ʊɖ꞊ʦɖʒɖʆʈɕʦɘʘ, ɹ . ʃ . ʈ ʘʡʕʦɘʘfʧɘɖʝ fʝʦɖʦ fŋʅ . ɸ . ɹ ʝ -ʈɕʝ ʟʘɖfʆʦʡ ɘʳ ʷfɡɖʷɖʦfʝ, ʕʘʡ ʈɕʘʟɘɖɘʘʶ ʪfʝʷ ɘ ʜʘɖ ɖʝ ʡʰ ʝ ɖʒʪɘʦʈɕɥʝ fʆɖʝ fʧʦfʧʙɖʦfʝɖ, ɖʘɥʘɖʦ ʕʦʪʦʈɕʳ ɖʒʙʳ ɖʦ ʧʦɖʦʞ ʝ ɖʦ ɘ ɢɖʧɖʦʟʝ . çɹ ɢɖʧɖʦʪɖɥʝ fʆʦɖʒ fʧʦfʝʦʷɖɕʆɖ ʧʝ ʈɕɘɖɥɖʳ ɖʒʬ ʘʡʪʦʈɕʦɖʒ ʧʝ ʈɕʝ fʝʈɕʘɖɘʘʶ ʱ ɖɖʒʜʝ ʷʪʝ ɖʐ ɖʦfʝᴵ , ʷɘɖʷʝ ʪfʝʷ ʧʦʷɘɖʝ ɖɕʆʝ ɖʦɘʦɢʦ fɡɖʳ fɡɖʘɖʦɘʦɢʦ ʦʪɖʦʰ ʝ ɖɕʆʷ ʕ ɘʳ ʧʦɖɖʐʷ ʝ ɖʒʦʡ ʜʝ ʷʪʝ ɖʐ ɖʦfʝɖ, ʘʕʘʡ ʈɕʝ ʟʐɖʐ ʪʘʪ ð ʐɘʝ ʈɕʝ ɖɕʆɖʦfʝᴵ , fɡɖʝ ɖʦfʝᴵ , ʦʱ ʐʱ ʝ ɖɕʆʝ fʆʦʙʦʜʳ . ʅ ʝ ʦʙ꞊ʦʜɖɖʒʦ ʦʪɖʝ ʪɖʪᴵ , ɥʪʦ ɢɖʧɖʦɖʦɢ ɖʝ ʈɕʝ ɢʐɖɕʆʈɕʐʝ ʪ ʜʝ ʷʪʝ ɖʐ ɖʦfʝᴵ ɖfʧʳ ʪʐʝ ɖʳ ꞊ "ʧʦᶥ ɖʝ ɖʝ ɖʦɖʦ". ʉ ʦʟʜʘɘʘʷ ɖʦɘʦʝ ʦʪɖʦʰ ʝ ɖɕʆʝ , fʧʦfʝʦʷɖɕʆʝ ʧʦʜʲ ʝ ɖʒʘ, ʦɖʐɖɕʆʰ ᴵ ʧʦɘʳ ʰ ʘʝ ʪ ɘʦʟɖʒʦʞ ɖʦfʝɖ

184).

ɢts, ʋɻstsʙʳ ʧtɑtsfɳɑʑzlsᴵ fɳʸ, ɑʑzʞнOɻlsfɳʸ ə ʕOʞsOɑzɑʃʟOʞststɑɻè (Moreno 1946). ɪ ts ɑʑOᵑ ɻ ɑʒzlzʙɻ ʞнɻɑzɑʃᵏ , lsOʕɑʃɑʒʕOʞsOɑzɑʃʟOʞststɑtsɑʒlsətstɑʋɻfɳʞəOʷəɑzʸɻlsfɳʸ ɢɑʃʧɑʑsfɳʂɑʒɑʑOɑʒʞlzɑzɑʃʟɑʒ ɻɑʃʧɑʑsfɳʂɑʒɑʑOɑʒʞlzɑzɑʃʟɑʒð -.ɻ lsts ʕɑzᵡ ʋʕ lsətstɑʋɻfɳʞəlz. ʃ ɑʑfɳʞsɑʃɑʒzɑzɑʃtɑzɻ ls ʙɑʑsʕɑʃtɑtsəOɑzɑʑsɻ ʟнtɑOəʳ ɑʒfɳɑʒ fɳɑʑsɑʒətstsʙtɑOɳɻ ɻɑzɑʃɻ , ʕtslststɑtsɻ , ʕOʕ нtsɑzɢts ɑʒtsɑzʋʃəʰ ɑʃʔ ɢɻʔʟɻtɑ, ʧtɑtstɑʳ əOɻlsfɳʸ fɳʃətsLᴵ LOfɳstsʔ lzɑʒO ɻɑʃʧɑʑsfɳʂɑʒɑʑOɑʒʞlzɑzɑʃʟɑʒð fɳʧɻʋɑʃʷ ɑʃʋɻʷ ʷ tstɑɑʒOʙtsнtɑfɳʂətsəOɑzɑʃʷ ɪ tstɑOfɳʃOLOʂᴵ ɻʰ ɻ tsʙ tsнɑzɑʔ fɳʑʰ ɻ fɳʂəɻɑzɑʔ tsfɳʂʙɻɑzɑʑɑʔ tsfɳʂʙɻɑzɑʃɑʃ ɢɑʃʧɑʑsfɳʂɑʒɑʑOɑʒʞlzɑzɑʃʟɑʒO ɪ tsɑɻ fɳʂLɑʑɑzɑʃʷ fɳʂɑʒɑʑOɑʒʞlzɑzɑʑ ɑʒsʞɑzs ʙɻLɢtɑOɑzɑʃʋɑzs tɑOfʰ ɑʃtɑʷlsᴵ ɑʃɑzɑʃ fɳʑʞOʂᴵ ə LOəɑʃfɳʧɑʒsfɳʂɑʃ tsls ʋɻɑɻ ʔ. ʃ tsʞɑzs tɑOfʰ ɑʃtɑɑʃlsᴵ нts fɳʂfɳʂtsʷɑzɑʃʷ ʙtsнtɑfɳʂətsəOɑzɑʃʷ, ɑʃ lstsɢнOʧtsəɻнɻɑzɑʃɻ fɳʂɑʒɑʑOɑʒʞlzɑzɑʑ ɑzɑətsLɑʒsʞɑzs ʙlzнɻls tslsɑzɑʃʋɑʃlsᴵ tsls ɻɻ ʧtsəɻнɻɑzɑʃʷ ɑzʑOᵛəlz. ʜ tslsʕtɑʳ lsʳ ɑʒɑʃ ɢɑzʑOLOɑʒɑʃ tsɑzʑOʙlzнɻls tɑOfɳʑʞнOʂᴵ , ɻ fɳʂᴵ , ɢtslststəɑʃlsᴵ , ʋɑʃlsOʂᴵ , ʧɻ ls ᴵ , lsOɑzʋɻəOʂᴵ , ʰ ɑʃlsᴵ ð tsнɑzɑʃɑʒɑʃɳɑzstəsɑʒ нɻɑzʑOʂᴵ əfɳɻ ʕG ʕ ə tsʙʳ ʋɑzs ʞɑʃLɑzɑʃ, Oɑʒɑzsɢtsɻ нOʞɻ ɑzlzʋʰ ɻ . ʗ fɳɑzɑʃ ɑzɻfɳʙɻ нlzʱ ɑʔ ʋɻɑzsəɻʕ tɑOLɢtsətstɑʃlsfɳʸ fɳfɳʂɑʒɑʑOɑʒʞlzɑzɑʔ, tsɑzətɑʷн ɑzɑʃ нtsGOнGɻlsfɳʸ, ʋɻstsʧɻtɑɻн ɑzɑʃɑʒçfɳʧʷʱ ɑʔè. ɭ tslsɑʃʧtsɑzʋʕɻlsfɳʸ, ʋɻstsçɑzɻəfɳɻ lsɻ fɳʧʷls, lzʕtsɢts ɢɑzʑOLOLOʕtɑʳ lsʳ è. ʗ fɳʂᴵ lstsɑzʕts tsнɑzʑOtsfɳʂʙɻɑzɑzsfɳʂᴵ , ʕtslststɑOʸ ɑʒsʞɻls əʳ нOʂᴵ ,ð ɻlsts ɢɑzʑOLO ʢ tsɢнOtsɑzɑʃ tslsʕtɑʳ lsʳ , lsts ɢɑzʷнʷls ʧtsʋɻsɑʃ ɑzɻʧtsнəɑʃʞɻ ɑzts.
ɪ tɑɑʃəɻ нɻɑʒɑzɻfɳʕtsɑzʕts ɻlsᵡ нtsə ɑʃL tɑɻʧɻ tɑlszOɑɑOɑzʑO ɻ ɢts ɔɻ ɢlstɑOɢɑʃʧɑzsLO ƚ ʞɑzᵡ ʔ ʕlztɑstɑlsɑzᵡ ʔ ɢtstɑtsнtsʕ, ətɑɻɑʒʷ ʰ ʕtsɑzɑzᵡ ⊐ ʕOɑzɑʃʕlzɑzʀ нɻls tsʙʳ ʋɑzᵡ ʔ fɳɻOɑzɑɳl Ofɳɻɑzɻ нɑʃ tɑOLɑzsʰ ɻ tɑfɳlsɑzsʔ ʧlzʙɑzɑʃʕɑʃ LOɑʒɻʋOᵛ ʧtsʞɑʃɑzsɢts ⊐lzнtsʰ Oətsɢts ʋɻɑzsəɻʕO, ʕtslststɑᵡ ʔ Gʕlsɑʃəɑzs ʧɻtɑɻɢtsəGɑʃəGɻlsfɳʸ fɳlsOʕtsʔ ʞɻ, ʕGʕ tsɑzᵩ LOɑʃɑʃʧɑzslsɑʃLɑʃtɑtsəOɑzɑzsʔ fɳʂfɳɻнʕtsʔ. ɪ tsʧtɑtsfɳɑʃɑzɻɢts ʧtɑɻнfɳʂOəɑʃlsᴵ fɳʸ. ʃ ɑztsʕOLOɑzfɳʸ lzʋɑʃlsɻɑʒɑzʒɑʃL ɹ ɻɑzstɑɑzfɳɑʃɑʃ, tslsнʳ ⊐Oᵑ ʰ ɑʃɑʒLнɻfɳ fɳlzʋɻɑzʕOɑʒʃ.
ʅ ɻнtsɑzɢts əʳ ʙɑʃtɑOʸ, ʋɻstsʙʳ ɻɑʒzlsOʕtsɻ əɑzzʰ ɑʃlsᴵ , ʷ ɢtsətstɑʵ : çI ʳ ɑzsəɑʃlsɻ ə ɑʒstɑɻ tɑʳ ʙlzè. ʃ tsɑʒɻɑzs, ʕtsɢнOɻɢts fɳʂLɑzɑzɻɑʒɑʃɻɑʒtsəɑOнɻɑzOəɑzʰ ɻɑzɑzOʸ ɑʒᵡ fɳɑz , ʧtɑɻнfɳʂOəɑzʸɻls ɑʃɑzsɻtɑɻ fɳ ʅ OfɳʂlzʧɑʃɑOʧOɑzLO ɑʒɻʋɻstsətɑtsнɻ tsfɳʂOzsəʕɑʃ ɑʒʳ ʰ ɑʒɻɑzɑʃʷ ɻ ɔlsɻɑʒð əɑzzlstɑɻɑzɑzɑʃʔ

ʃ ɑʃ⊐Oɑʃɑzzˌ tsʔʷ ʲ jˌls

tɕjˌOɤɕɑʃtɑzᵍ lsɑzOtsʜɑzts əɑzzʰ jˌɑzʃˌj ɕtstɑOʟʜts fɳʃɑz ɑjɸj , ɳjˌɑʒɑzOʜtɑz. ɕtsj . ʊɢʕOʸ fɳjɑjɸʕɳɑʃʷ tstʃtɑjˌʜjˌɑzʷjˌlsfɳʸ fɳstɑzʕlsztɑtsʔ ɑzʃɳɑzsfɳstʃ fɳtsɑʒɑzOɑʒʙlzɑz

ɾ Oɑzz ɑjɸʔʰ jˌj tɑOɭəʃlsɑʃˌj fɳtsʙʳ lsɑʃʔ ɑjɸ ɑʒtsɢˈtʃtɑjˌʜlzɢOʜOlsᴵ ɑzɸʕlsts. ʊ ɳɑʃlsjˌɑz ɑzʃ⊐ts fɳʃtɕˈ ɢɑzzɑzzfɳts fɳɳjˌɑz ə ʟtɑʃlsjˌɑz ɑzˌ ʔ ʟOazɑʃ, ətɑOʰ Oʸ tslslzɤ ɢfɳƟɢɑzOʟOɑʒʃ, fɳɑjɸʜjˌɑzʷʰ ʃɑʒʜlzʰ lz ʕtɑʃʕtsɑʒ; çʃ Oɑʒ!è ð fɳsOɑz tʃtɕˈ ɢOlsᴵ ɳjˌtɑjˌʟ tɕʷʜʳ ʕtɑjˌfɳjɑz.ɪ tɑʃɳjˌɑʒʷɑʒfɳsOɑtsɑjˌʕƟ ʃ ɑjɸ fɳsOɑtsʷfɳɑtsˌ ɳlstsʃɢtɑOʟOʰ ɑzO ʜOɑjɸʕts ʃ ɑzOʜts ʟOʕOɑzɳʃɑəOlsᴵ çtɕˈ ʙɑzzᵍ ɑtsəɑz è.

ɪ tɑtsʃfɲ⊐tsʜʷʰ jˌj ɑzOtʃtɑjˌʜfɳsOəɑjɸɑzʃʷ⊐ ɢʃɑʃtʃɑtsʟOɑzOfɳstsɑzʕts ɑjɸəˌjˌtɑtsʷlsɑtsˌ ɳlstsʜOɤjˌ ə ʟOʕtɕˈ lsʳ ⊐ lzɳtɑjˌɤˌʜjˌɑzʃʷ⊐ˌ ʕlzʜOɑzOfɳɳʃOfɳstsˌtʃtɑʃɢɑzOʰ Oɑzʃˌ ɢʜjˌ əfɳjˌ ʜtɑzɢˈʜtɑzɢOʟɑzOʸ ls, ɑjɸʜtsəˌjˌtɑʃˌj ʕtʃtsəˌjˌʜjˌɑzʃᵏ ʟOɢʃtʃɑtsslsʃʟʃtɑtsəOɑzɑz ⊐ əfɳjˌɢʜOtʃtɑʃfɳlzlsfɳjˌstsəOɑtsˌ ɪ tɑʃɳjˌɑzʃ tʃtsʜtsʟtɑjˌəOɑzʃ fɳptsʃ⊐ ʕtsɑzɑjɸɢˈə fɳɢtsətstɑjˌ fɳ ɢʃtʃɑtsslsʃʟjˌtɑtsɑʒ ʏ lsts lzɤ ɢtsətstɑʃlsᴵ ts fɳjˌOɑzɳƟ⊐, tʃtɑts⊐tsʜʃəʰ ʃ⊐, ʕƟʕ ᵎ lstsls, ə ɢtstɑtsʜfɳʕtsɑʒʕtsɑzɑjˌtɑlsɑtsɑʒ ʟOɑjɸ. ɪ tɑʃɳjˌɑzʃ tʃtɑtsfɳjstsˌtɑOfɳjˌtɕʷɑzʃfɳ, ɑjɸ ʟɑzOʸ, ʕƟʕ tɑjˌOɤɕʃtɑtsəOlsᴵ. ɪ jˌtɑəʳ ɑʒʃ, ʕlsts tʃtɑOəʃɑzˌɑzʃ tstsɑtsʃɑzˌɑzʃʕʃɑzˌɑzʃ tslstɑjˌOɤɕʃtɑtsəOɑz, fɳjsOɑzʃ ʙjˌɑztɑzfɳfɳʕʃjˌ ʰ ʕtsɑz ɑzʃʕʃ. ʍtstɑtsʰ ts ʟɑzOʸ fɳptsjɢtsˌlzɤɑʃlsjˌɑzʷ, ɳjˌɑztsəˌjˌʕƟ fɳjsɑzʃʜɑztsɢtsˌ ʃ tɑOfɳjɳzʜʃlsjˌɑz ɑztsɢtsˌ tsɑzʃˌ tʃtsɑzʷɑzʃˌ ɳlstsˌjˌɢtsˌtɑjˌOʕɑʃʷ tsʙʲ ʷfɳɑzʷjˌlsfɳʸ ɑjɸtsʙʳ ɳɑzˌ ɑzʒ fɳjsfɳjstsʷɑzʃjˌɑzʒ

ɻ ɑzʷʜʷ ɑzOtʃtsəˌjˌʜjˌɑzʃjˌ ʟOɤɑʃtʃɑtslsɑʃʟʃtɑtsəOɑzɑztsɢtsˌ ɑjɸɢʕtsˌɑʒtsɤˌɑtsˌlzʙˌjˌʜɑʃlsᴵ fɳʸ, ɳlstsˌOʕlsjˌtɑfɳʕɑʃjˌ fɳʃtsfɳjsʙɑtsfɳjsɑʃ ʕtstɑjˌɑzʃtɑzʳ lsˌfɳɢɑʃtʃɑtsfɳjsɑʒɑzOɑʒʙlzɑzʃʟɑʒtsɑʒˌtsfɳjsʙjˌɑzɑtsᵎlstsˌʕɑfɳɤjˌsfɳʸ tʃOɑztstsɑʒʃɑʒʳ . l jˌfɳɑʒtslstɤʷ ɑzOlstsˌɳlstsˌfɳjsɑʒɑzOɑʒʙlzɑzOɑzʃtsʜʃlsfɳʸ ə çəʃtɑtslzOɑzˌɑtsʔ tɑjˌOɑzˌɑtsfɳjsʃɑèˌ lstsˌjˌfɳjsᴵ tʃfɳʃʃɑʃʃɑtsʃ, ʜɑzʷ ɑjɸjˌ əfɳjˌ tʃtɑtsʃfɲ⊐tsʜʷʰ jˌj ʷ ʃʟɑʃɳjˌfɳʃʃ əʃtstɑzɑjɸ tɑjˌOɑzˌɑtsˌ l Oʃtɑʃɑjˌtɕˌʷ əɑzzʰ Oʸ çƟʕlsjˌtɑzèˌ ɳlstsˌ tʃjˌtɑjˌʜ ɑzʃɑʒfɳjsjɑzˌ tʃtsʟOʜʃ fɳjsjɑzˌ ətsʕtɑzɢˈfɳjsjɑzˌ ð ʕtstɑtsɳjˌ, tsɑzəˌ ʟOlstsɳjˌɑzʃɑʃ. ʃ ɑzlslzlsɤˌjˌ tʃtɑtsəˌjˌtɕʷˌjˌls, lsƟʕ ɑzʃᵎlsts: tsʰ lztʃʳ əƟˌjˌls fɳjsjɑzˌ tɑzʕƟɑʒʃ, tʃʳ lsOʸfɳ ɑzOʔlsʃ əʳ ⊐tsʜ. ɾ ɢtstʃtɑʃʕtsfɳɑzstsəˌjˌɑzʃʷ ɑzOfɳjstsɑzʕts tʃɑzOfɳjsʃɳɳʃʃ ɑjɸtɑjˌʜOʸ lsʷʃʟɑʃɳjˌfɳʃʕjˌ tsʰ lzʰ jˌɑzʃˌj tʃtɑjˌtʃʷlsfɳjsəʃʷ, ɳlsts ʟtɑʃlsjˌɑz ɳlzəfɳjsəlzˌjˌls əɑzjˌfɳjsjˌ fɳɑzʃɑʒfɳjstʃtɑtslsʃəɑjˌɑzʃˌj fɳjsjˌɑz. ɾ Oɑjˌj ʷ ɢtsətstɕᵍ : çɹ tɑtsfɳƟʸ lsʷɤˌjˌɑz ʔ ʕƟɑjˌɑz. ʃ tsəʃ!è ʃ ɑzˌjɢtsˌ ɑtsəʃlsɑzOəʳ ʜtsˌ⊐ˌj ð ts⊐! ð ʃ lszlslzlsɤˌjˌ tʃtɑʃfɳjʜGˌj ls ɑzOʕtstɑlstsɳʕʃ tʃtsʜ jˌɢtsˌ lsʷɤˌjˌ fɳjsᵎᵍ . ʊɢˌjˌɑtsˌ əfɳjˌ ʙtsɑzʰ jˌ ʃ ʙtsɑzʰ jˌ ɑzOtʃtɕʷɢOɑtsfɳˌ, ɑtsɢʃ tɑOʲ jˌ ʟɤ Oɑzʃfɳ. ʜ ʃʜʷ ə ᵎlstsʔ ɑjɸˌzʜtsʙɑtsʔ tʃtsʟˌj , fɳʰ ʃtɑtsʕts tɑOfɳtʃtɑtsfɳ

ʦʪʦʨʘ˞ʞ ʘ̣ȷ ʪʩɲʷ ɖʑ̡ ʜʦʪʐɖʒ̡ ɖʑʃȷ : ɢ̆ʜȷ -ʪʦʦ ʦʙʨ˞ ɘ. ɺ ʩɲ ɥʐɘʩɲʪɘʘʪʦʦɥɖʑʦ ʧʨʦɥɖʃʪ˞ ɘʘɖʑʃʩɲ ɖʑʘȷ ɢ̆ʦ ɖʑʃɥȷ . ʢ ʪʦʦ

ʙ˞ ɖʐʪʦʦʪʩɡɖʐɥʘʡ, ʢʦɢ̆ʜʘʢʦɖʒɖʒ̡ ɖʑʦʃʨʦɘʘʪ˞ ɖʑ̡ ʙ˞ ɖʑʦ ɖʑʐʞ ʜ˞ . ɿ ʘɖʐɘʩɲ ʧʦɖʑʃɖʒʘɖʐʃ ʦʜʦʙʨʃʪȷ ɖʐ ɖʑʦ

ʩɡɖʒ̡ ʷɖʑʩɲʷ. ʊ ȷ ɖʒɘʨȷ ɖʒ̡ ɖʑ̡ ɖʒʦɖʐʩɡɖʑʦɘʘʧʦʜʦʰ ȷ ɖʐʢ ʐʩɡʃɖʑʃʪȷ ɖʐ ɖʃ ɥʪʦʦ-ʪʦʦ ʩɲʦʩɲʨȷ ʜʦʪʦʦɥȷ ɖʑɖʑʦ ʧʦʜʢʨɖʐʪʦʃɖʐ

ʦʪʦɘȷ ʨʦʪʢʦʡ. ʊ ʐʪʦ ʞ ȷ ʜɖʐʷ ʧʨʦʦɘȷ ʨʢɖʃ ʪʦʨʦɖʑʐɖʐʩɲʦʨɖʐɖʑʐ. ʃ ɖʃɥʦ ʦʟʘʨʃɖʑʦʩɲ ʨʘʜʦʩɲʪ˞ ʁ : ɘʩɲ ʧʦɖʑʐɥɖʃɖʑʦʩɲ,

ʟɘʐʢ ȷ ʩɲʪ˞ ! ɼ ʘɖʒ̡ ȷ ʦɖʐʩɲʪʘɖʐʩɲʦʩɲʨȷ ʜʦʪʦʦɥȷ ɖʑɖʑʦ ɖʑʘʩɲʪʨʘɖʃɘʘʪ˞ ɢ̆ɖʃʪʘʨɖʐ, ʧʦʜʢʨɖʐɥɖʃɘʘʷ ʢʦɖʑʢɖʃ. ɺ ʵ ʪʦʦʪʦ

ɖʒʦɖʒ̡ ɖʑʪʦ ɖʑʘɖʃɘ˞ ʩɲ ȷ ɢ̆ʦ ʩɲʦʩɲʨȷ ʜʦʪʦʦɥȷ ɖʑʃʷ ɘȷ ʩɲ ȷ ɢ̆ʦ ʦʙɖʑʃʢ ɢ̆ʦɘʦʨɖʃɖʐ, ɥʪʦʦ ɖʒʃʨʜɖʐʷ ɖʑ̡ ɢ̆ʦ ɖʑ̡ ʩɲʐʱ ȷ ʩɲʪɘʐȷ ʪʦ,

ȷ ʩɲʪ˞ ʪʦʦɖʐ ʢʦ ɢ̆ɖʃʪʘʨʘ ɟ ʦʩɡɖʑ̡ ʧʘɖʐʟ˞ ʦɖʐʧʦɘȷ ʨɖʑʐɖʑʩɲʷ ʢ ʪʦʦɘʘʨɖʃʱ ʘɖʒɖʃ ʪʦɖ͡ʦ ʩʢʘʟʘɖʐ çʈ ʘʟ, ʜɘʘ ʪʦʨɖʃ ð

ɖʑʘɥʘɖʑʃè. ʏ ʪʦʦ ʪʦʐʪʦ ʙ˞ ɖʑʦ... ɿ ʘɖʐɖʑʘɖʒɢ̆ɖʑʦɘȷ ɖʑʃȷ ʟʘɖʒ̡ ʨʦʪʦ ʐʜɖʃɘɖʑ̡ ɖʑʃʷ, ʟʘʪȷ ɖʒɘʟʦʨɘʘɖʑʩɲʷ

ɘʦʩɲʪʦʨʞ ȷ ɖʑɖʐ ɖʒɖʃ ʢʨɖʃʢʘɖʒɖʃ. ʂ ʘʢ ʪʦʦɖʐ ʢʦ çʟʘʟɘʐɥʘɖʑʘè ɖʒʐʟ˞ ʢʘ ʪȷ ɖʑʦ ʧʘʨɖʐʷ ʩɲʪʘɖʑʦ ɖʃʟɘɖʃɘʘʪ˞ ʩɲʷ ʪʘʢ,

ʢʘʢ ʙʐʜʪʦʦ ʦɖʐɖʑʘʨʘʩʢʘɖʒ̡ ɖʑɖʑʦʡ ʩʢʦɘʦʨʦʜʢȷ . ɭ ʦɢ̆ɖʃ ɖʑʃ͡ʦʨʘʜʦɥɖʑʦ ʙɖʃɖʑʃʩɲ ɘ ʵ ʢʩɲʪʘʟȷ . ʉ ʦʟʜʘʘɖʑʦʩɲ

ɘʧȷ ɥʘʪɖʒ̡ ɖʑʃȷ , ʩɡɖʑʦɘɖʑʦ ʦɖʑʃ ɖʑ̡ ʩɮ ʷʟʘɖʐ ʩŋʪȷ ɖʑʦɖʒ ʘʧʦʜɘȷ ʰ ȷ ɖʐ ʟʘɖʑʃʪʢɖʃ ʢ ʧʦʪʦʦɖʑʢʐ. ɹ ʐʨɖʐ ȷ

ʘʃ ɖʑʦʜɖʃʩɡɖʒ̡ ɖʑʪ˞ ʩɮɖʃʜȷ ʪȷ ɖʐ ʩɲʪɘʦɘʘɖʑʃ, ɥʪʦʦ ʵ ʪʦʦ ʪʦʦʪʦ ʩɡɖʐɥʘʡ, ʢʦɢ̆ʜʘʐʞ ȷ ɖʑʃʢʦɖʒɖʐ ɖʑ̡ ɖʑʘʜʦ ʜʦʢʘʟ˞ ɘʘʪ˞ ,

ɥʪʦʦ ɖʒʦɖʑʦʜʦʡ ɥȷ ɖʑʦɘȷ ʢ ʩɡɖʐ ʰ ɖʃʪʦ ɢ̆ʘɖʑɖʐ ɥɖʃɖʑʘʪʦʦʨɖʐ ȷ ʟɘʐʢɖʃ.

ʆ ʙʲ ʷʩɡɖʐʷʷ ʬ ȷ ɖʑʦɖʒ̡ ɖʐɘʜʦ͡ɖʑʦɘȷ ɖʑʃʷ, ʟɖʑʘɖʒ̡ ɖʑʃʪ˞ ʡ ʧʩɡʃ͡ʦɖʑʦɢ̆ ʊ. ʈ ɖʃʙʦ ɖʃʩɲʃʦɖʐ ʟʦɘʘɖʐʘɖʑʘɖʑʦɢ̆ɖʃʁ ʩŋ

ɖʃʩʢʐʩɲʩɲʪɘȷ ɖʑɖʐ ɖʒʩɲʦɖʒɖʑʘɖʒʙʐɖʑʃʟɖʒʦɖʒ ʆ ɖʐɢ̆ʦɘʦʨɖʃɖʐ, ɥʪʦʦ ɘʜʦ͡ɖʑʦɘȷ ɖʑʃȷ ɖʑʃʰ ʵ ɖʑʘɖʃɖʒ̡ ɖʐ ʰ ʘʷ ʩɲʪȷ ʧȷ ɖʐ

ʧʦʩɡɖʒ̡ ʜɖʑ̡ ɢ̆ʦ, ɖʃɖʑʃ ʩɲʦɖʒɖʑʘɖʒʙʐɖʑʃʟɖʒɘ ʙʦʜʨʩɲʪɘʐʁ ʱ ȷ ɖʒ ʩɲʦʩɲʪʦʷɖʑʃɖʃ (ʈ ɖʃʙʦ, 1901). ʂ ʪʦʦ ɖʃʟ ɖʑʘʩɲʪʦʷʱ ɖ͡

ʪɘʦʨɥʦɘ ɖʑ̡ ɖʃʩɲʧ˞ ʪʘɖʐɖʑ̡ ʧʦʩɲʪɖʃʞ ɖʃɖʒʐʁ , ɥʐʜʦʪɘʦʨɖʑʐʁ ʩɡʃɖʑʐ ɘʜʦ͡ɖʑʦɘȷ ɖʑʃʷ. ʆ ɖʑʦ, ʢʘʢ ɖʒʦɢ̆ʐɥɖʃʡ

ʧʦʪʦʦʢ, ʐɖʑʦʩɡʃʪ ɢ̆ʨɖʐʟ ʩɲʦɖʒɖʑ̡ ɖʑʃʡ, ɖʑ̡ ʐɘȷ ʨȷ ɖʑɖʑʦʩɲʪɖʃ, ʟʘʪʦʦʨ˞ ʧʨȷ ʞ ɖʑʃ͡ ɖʑ̡ ʐʜʘɥ, ʧʨɖʃɖʑʦʩɲʷ ɘʟʘɖʒ̡ ɖʐɖʑʦɘ˞ ȷ ,

ʩɮȷ ʞ ɖʃȷ ɖʃʜȷ ɖʃ, ɖʑ̡ ʦʞ ɖʃʜʘɖʑɖʐ ȷ ʨȷ ʰ ȷ ɖʑʃʷ. ɺ ʩɲ ɘʜʨɖʐɢ̆ ʧʨʦʷʩɡɖʐʷ ȷ ʪʩɲʷ, ʩɲʪʘɖʑʦɘɖʃʪʩɲʷ ʧʦɖʐʷʪɖʐ ɖʒ

ʜʦʩɲʪɖʃʞ ɖʃɖʒ˞ ɖʒɖʃ ɖʑ̡ ɘʦʟɖʒʦʞ ɖʑʦȷ ð ɘʦʟɖʒʦʞ ɖʐ ɖʒ ɟ ʦʵ ʪ˞ ɖʑ̡ ʩɡɖʐɥʘʡ ɖʑʦ ɖʑʘʟ˞ ɘʘʷ ʪȷ ɢ̆ʦ ʙʦʞ ȷ ʩɲʪɘȷ ɖʑɖʐ ɖʒ

ɟ ʨʦʙɖʑ̡ ɖʒʘɘ ɖʒʘɖʑʦɖʒ ʢʘʢ ɘ˞ ʟɘʘʪ˞ ʵ ʪʦʦ ɘʜʦ͡ɖʑʦɘȷ ɖʑʃȷ ɘ ɖʑʐʞ ɖʐ ʡ ɖʒʦɖʒ̡ ɖʑʪ? ɺ ˞ ʩɲʦʢʘʷ ɖʃɖʑʪȷ ɖʑʩɡʃɘɖʑʦʩɲʪ˞

ɘʜʦ͡ɖʑʦɘȷ ɖʑʃʷ ɖʃ ɘʦʦʜʐʰ ȷ ɘɖʑ̡ ɖʑʃʷ ʜʦʩɲʪɖʃɢ̆ʘ ʪʩɲʷ ɘ ɢ̆ɖʃʧ ɖʑʦʩɲʦɖʒɖʑʘɖʒʙʐɖʑʃʟɖʒ̡ . ʇ ɖʃʧ ɖʑʦ-ʩɲʦɖʒɖʑʘɖʒʙʐɖʑʃʟɖʒ

ʩɲʧʦɖʑʦʘɖʑɖʑʦ ɘ˞ ʟ˞ ɘʘ ʪ ɖʑʐɥȷ ʟʘʨɖʑʦȷ ɘʜʦ͡ɖʑʦɘȷ ɖʑʃȷ , ʵ ɖʒʦɥɖʃʦɖʑʘɖʐ ɖʐ ʡ ʧʦʜʲ ȷ ɖʒ ɼ ɢ̆ʦ ɖʒʦʞ ɖʑʦ ʩɲʨʘɘ ɖʑʃʪ˞ ʩŋ

ʰ ȷ ʩɲʪɖʃʙʘɖʑɖʐ ɖʐ ɖʒ ʰ ʪʦʦʨɖʒʦɖʒ ʢ ɖʒʦɥɖʃɖʃ, ʩɲʧʨʦɘʦɥɖʃʨʦɘʘɖʑɖʐ ȷ ɢ̆ɖʃʧ-ɖʑʦʩɲʦɖʒɖʑʘɖʒʙʐɖʑʃʟɖʒʦɖʒ ʙʵ ʁ ʪ ɥȷ ʨȷ ʟ

ʢʨʘʡ. ʉ ɖʑ̡ ʜʐʁ ʱ ɖʃʡ ʧʨɖʃɖʒ̡ ʨʵ ʪʦʦ ʧʦʢʘʞ ȷ ʪ.

ʄ ɗ꞊ʘɗdzʐ tsʡʬȷ ls

tsdʑʘʢtsdʑʜlʐdʑ ʷ ɗ ʜȷ ʡfŋ̍lsɘlʐȷ ls dʑʘʟteɗlsȷ dʑȷ ʡ tsfŋ̍tsʙʳ dʒɗ ɥʘteʘdʒɗ, tsls ʢtslststeʳ ꞊ ɘfŋ̍ ʧteɗ꞊tsʜʷls ɘ
dʑȷ tsʙʳ ʢdʑsɘȷ dʑdʑsȷ ɘtsdʑdʑȷ dʑɗȷ . ʆ ɥȷ ɘɗʜɥʳ teʘfŋ̍ʃʘʟʳ ɘʘdʑɗ, ɥlsts ʜȷ ʡfŋ̍sɘɗlsȷ dʑ dʑsfŋ̍sᴵ ʧteȷ ɘtsfŋ̍tsʜɗdʑʘ
fŋʘdʒsȷ teɗfŋ̍ʃtsɘʘdʑdʑsȷ ɘtststsʙteʘʞ ȷ dʑɗȷ . ȷ fŋ̍ʷʢɗʡ teʘʟ, dʑɗʰ ᴶ ɘʳ ʡʜʷ dʑʘfŋ̍ȷ dʑʐ ɗ ʟʘfŋ̍dʑ ʰ ʘɘ ʧȷ teɘʳ ȷ ʟɘlʐʢɗ
dʒʐʟʳ ʢɗ, ʄ ʘʜdʑȷ dʑʐʧtsɢteʐʞ ʘdʑʘfŋ̍ ɘ ɢɗʧdʑs-fŋ̍sdʒdʑʘdʒʙlʐdʑɗʟdʒɗ ʧtsdʑdʑsfŋ̍sᴵ ʁ ʧteȷ tsʙteʘʞ ʘdʑʘfŋ̍ . ɼ ȷ dʑɗɥts,
ɘfŋ̍ ȷ ȷ lsȷ dʑs tsls ʢʘʞ ʜtsɢts ʟɘlʐʢʘdʑʘɥɗdʑʘdʑs tslsʢtesɘȷ dʑdʑs-ɥlʐɘfŋ̍sɘȷ dʑdʑs lsteȷ ʧȷ lsʘsᴵ , ʧteɗ꞊tsʜɗlsᴵ ɘ ʢfŋ̍sʘʟ.
ʉ tsʟʜʘɘʘdʑsfŋ̍ ɘʧȷ ɥʘsdʑȷ dʑɗȷ , ɥlsts ȷ ȷ ʜlʐʰ ʘtsʙdʑʘʞ ȷ dʑʘ, ʘdʒʐʟʳ ʢʘʬ ɗʟɗɥȷ fŋ̍ʃɗ ʟʘʜȷ ɘʘȷ ls teatsɢȷ dʑdʑ ȷ
ʟtsdʑ ʜlʐʰ ɗ. ʉ teȷ ʜɗ ʧlʐʙdʑɗʢɗ ʙʳ dʑɗ lsʘʢɗȷ , ʢlsts, dʑʘʙdʑ ʜʘʷ ʟʘlsʘdʑlʐʁ ʱ ȷ ʡ, tsʱ lʐʱ ʘdʑdʑȷ dʑsɘʢtsfŋ̍sᴵ ,
ɗdʒʢʘʟʘdʑsfŋ̍ , ʙlʐʜlsts tsdʑɗ ʧtsʜɢdʑʷʜʳ ɘʘʳ ls ɥȷ teȷ ʟ ʟʘdʒsɥdʑlʐʁ fŋ̍ʃɘʘʞ ɗdʑlʐ ʟʘɗdʑsɗdʒdʑ dʒɗ lʐɢtsdʑʘdʒɗ ȷ ȷ
ʜlʐʰ ɗ. ʊ ʜteʐɢɗ꞊ dʒɗdʒɗʢʘɗ ʜɘɗʞ ȷ dʑɗʷ lsʘdʑltsɘʱ ɗɥʳ ɘʳ ʟʳ ɘʘdʑɗ teatslsɗɥȷ fŋ̍ʃɗȷ ʬʘdʑsʘʟɗɗ. ɭ ts dʑȷ
ʙʳ dʑs dʑɗʢtsɢts, ʢlsts ʙʳ dʑȷ ʧdʑȷ dʑɗdʑfŋ̍ʷ ȷ ȷ lsʘdʑȷ dʒ

ʂ teatsdʒȷ lsʘdʑʘdʑsʘɘ lsʘdʑȷ ɘʘdʑ dʑsdʒɗfŋ̍ʃlʐfŋ̍sɘȷ ɘ dʑȷ ʡ ʧteatsfŋ̍ ʧʘdʑfŋ̍ʷ tsɢteatsdʒdʑsʡ fŋ̍ɗdʑ ʜteʘdʒʘsɗɥȷ fŋ̍ʃɗʡ
lsʘdʑʘdʑs. ʂ tsɢʜʘtsdʑʘɥɗlsʘdʑʘfŋ̍sɗ꞊ɗ ɗdʑɗ ʧteatsʟlʐ, ʧlʐʙdʑɗʢlʐ ʧteatsdʑʟʘdʑʘdʒtsdʑdʑɗʷ, ʜlʐʰ ɗdʑɗ fŋ̍ɗdʑȷ ʟʳ , ʢtsdʒtsʢ
ʧtsʜʢʘsʳ ɘʘdʑʢ ɢtsteadʑlʐ. ʃ ʸ ɘȷ dʑʬȷ dʑ ʜ ʧɗʰ ȷ ls: çʂ ʘʢ fŋɘɗʜȷ lsȷ dʑ fŋ̍sɘlʐʁ ls dʑʘʰ ɗ dʑʘɗʙtsdʑȷ ȷ ɘʳ ʜʘʳ ʱ ɗȷ fŋ̍ʷ
꞊lʐʜtsʞ dʑɗʢɗ, tsdʑɗ ʧtsdʑlʐɥɗdʑɗ ʙdʑʘɢtsʜʘteʷ fŋ̍ʘdʑfŋ̍ʘdʒʄ ʘʜdʑȷ dʑdʑȷ lstsdʑ ʢts ɘʳ fŋ̍sʢtsᶩ fŋ̍sȷ lsɗɥȷ fŋ̍ʃtsȷ
dʑʘfŋ̍ɗdʑʘʞ ʜȷ dʑɗȷ , dʑs ɗ ɥȷ dʑdʑ ʡ ɗfŋ̍stsɥdʑɗʢ ꞊lʐʜtsʞ ȷ fŋ̍sɘȷ dʑdʑsɢts ɘʜts꞊dʑsɘȷ dʑɗʷ. ɼ teʘdʒʘsɗɥȷ fŋ̍ʃɗȷ ʘtesɗfŋ̍sʳ
ʢ ɗfŋ̍ʃlʐfŋ̍sɘlʐ ʄ ʘʜdʑȷ dʑtslsdʑȷ fŋ̍ɗdʑɗfŋ̍ fŋɢteatsdʒʘʜdʑ dʒɗdʑsȷ teȷ fŋ̍sdʒ ᴶ dʑʘɢtsʜʘteʷ ʄ ʘʜdʑȷ dʑɘʟʘɗdʒtstslsdʑsʰ ȷ dʑɗȷ
ɢɗʧdʑsfŋ̍sdʒdʑʘdʒʙlʐdʑɗʟdʒʘɗ ɗfŋ̍ʃlʐfŋ̍sɘʘfŋ̍sʘdʑs ʧteȷ ʜdʒȷ lstsdʒtsfŋ̍sʙtsɢts ɗdʑsȷ teȷ fŋʘɗ
ɗʟlʐɥȷ dʑɗʷè (ʃ ʸ ɘȷ dʑʬȷ dʑ ʜ, 1909).

ʎ ȷ dʑɗlsȷ dʑɗ ɗfŋ̍ʃlʐfŋ̍sɘʘʙʳ dʑɗ ȷ ʜɗdʑsʜlʐʰ dʑ ɘ lstsdʒ ɥlsts dʑȷ ʙʳ dʑs ɘ ɗfŋ̍ststeaɗɗ lsʘʢtsɢts ʘtesɗfŋ̍sʘ, ʢtslststeʳ ʡ
ʙʳ fŋlsʘʢtsʡ tsʰ ȷ dʑsdʒdʑʷʁ ʱ ȷ ʡ ɘʳ teʘʟɗlsȷ dʑ dʑsfŋ̍sᴵ ʁ ʧȷ teȷ ʜʘɘʘdʑfŋɘtsɗ ɥlʐɘfŋ̍sɘʘ. ȷ ʳ fŋ̍sʢtsȷ ɗfŋ̍ʃlʐfŋ̍sɘts,
ʜȷ dʒsdʑfŋ̍steɗteʐȷ dʒsȷ ʄ ʘʜdʑȷ dʑ, tsʙʲ ʷfŋ̍dʑʷdʑsfŋ̍ lsȷ dʒ ɥlsts tsdʑʘɘts ɘteȷ dʒʷ ɘʳ fŋ̍slʐʧdʑȷ dʑɗʷ dʑʘ꞊tsʜɗdʑʘfŋ̍ ɘ
fŋ̍sfŋ̍stsʷdʑɗɗ ɢɗʧdʑsfŋ̍sdʒdʑʘdʒʙlʐdʑɗʟdʒʘ. ȷ dʑȷ ȷ ɢts tsdʑʘdʑɗɥȷ dʒdʑȷ ɘʳ ʜȷ dʑʷdʑʘfŋ̍ fŋ̍teȷ ʜɗ ʜteʐɢɗ꞊.
ȷ ʟʘʢdʑ ɥȷ dʑɗȷ ʟʘdʒȷ lsɗdʒ ɥlsts tsʧɗfŋ̍ ɘʘsᴵ ɢɗʧdʑsfŋ̍sdʒdʑʘdʒʙlʐdʑɗ-ɥȷ fŋ̍ʃɗȷ ɢʘdʑdʑ ɥɗdʑʘɥɗɗ ð ᶩ lsts
tsʧɗfŋ̍ ɘʘsᴵ ɘfŋ̍ ʬtsteadʒʳ , ʢtslststeʳ ȷ ʧteɗdʑɗdʒʘȷ ls ʢlʐfŋ̍sʢ ɢdʑɗdʑ ʧtsʜ teʐʢʘdʒɗ fŋ̍ʃlʐdʑ ʧlststeʘ. ɭ ȷ ls ɥlʐɘfŋ̍sɘʘ,
ʢtslststeatsȷ ʧtsʜ ɘdʑɗʷdʑɗȷ dʒɘfŋ̍ dʒtsɢlʐʱ ȷ ɢts ɘdʑlʐʰ ȷ dʑɗʷ dʑȷ ʧtsʜɘȷ teɢʘdʑsfŋ̍ ʙʳ teʘʟdʑstsʙteʘʟdʑ dʒɗdʑdʑ ʟɗʷdʒ
ʆ ʜdʑsɘteȷ dʒȷ dʑdʑs fŋᶩ lsɗdʒdʑȷ dʑɗʰ dʑɗdʒʙlʐʜȷ ls ʧtsʜɥȷ teʢdʑlʐlsᴵ , ɥlsts ɘfŋ̍ ʧȷ teȷ ɥɗfŋ̍ɗdʑȷ dʑdʑ ȷ ʬȷ dʑsdʒȷ dʑ fŋ̍lʐlsᴵ
dʑɗʰ ᴶ tsʙʱ ɗȷ ʧteatsʧɗfŋ̍ɢ ɢɗʧdʑsfŋ̍sdʒdʑʘdʒʙlʐdʑɗʟdʒʘ.

Introduction

Introduction! The study of the history of mathematics can be undertaken for many different reasons. Historians of mathematics, historians of science, historians of culture, philosophers, and mathematicians all have different goals and different perspectives. Mathematicians study the history of mathematics for a variety of reasons, including the following.

- To see how mathematical ideas have developed over time.
- To see how mathematical ideas have been motivated.
- To see how mathematical ideas have been applied.
- To see how mathematical ideas have been communicated.
- To see how mathematical ideas have been taught.
- To see how mathematical ideas have been learned.
- To see how mathematical ideas have been misunderstood.
- To see how mathematical ideas have been forgotten.
- To see how mathematical ideas have been rediscovered.
- To see how mathematical ideas have been generalized.
- To see how mathematical ideas have been abstracted.
- To see how mathematical ideas have been unified.
- To see how mathematical ideas have been classified.
- To see how mathematical ideas have been organized.
- To see how mathematical ideas have been presented.
- To see how mathematical ideas have been evaluated.
- To see how mathematical ideas have been criticized.
- To see how mathematical ideas have been defended.
- To see how mathematical ideas have been attacked.
- To see how mathematical ideas have been celebrated.
- To see how mathematical ideas have been commemorated.
- To see how mathematical ideas have been memorialized.
- To see how mathematical ideas have been immortalized.
- To see how mathematical ideas have been mythologized.
- To see how mathematical ideas have been romanticized.
- To see how mathematical ideas have been fictionalized.
- To see how mathematical ideas have been dramatized.
- To see how mathematical ideas have been parodied.
- To see how mathematical ideas have been satirized.
- To see how mathematical ideas have been censored.
- To see how mathematical ideas have been suppressed.
- To see how mathematical ideas have been banned.
- To see how mathematical ideas have been burned.
- To see how mathematical ideas have been destroyed.
- To see how mathematical ideas have been lost.
- To see how mathematical ideas have been found.
- To see how mathematical ideas have been recovered.
- To see how mathematical ideas have been preserved.
- To see how mathematical ideas have been archived.
- To see how mathematical ideas have been digitized.
- To see how mathematical ideas have been indexed.
- To see how mathematical ideas have been searched.
- To see how mathematical ideas have been retrieved.
- To see how mathematical ideas have been displayed.
- To see how mathematical ideas have been printed.
- To see how mathematical ideas have been published.
- To see how mathematical ideas have been distributed.
- To see how mathematical ideas have been sold.
- To see how mathematical ideas have been bought.
- To see how mathematical ideas have been owned.
- To see how mathematical ideas have been shared.
- To see how mathematical ideas have been stolen.
- To see how mathematical ideas have been plagiarized.
- To see how mathematical ideas have been forged.
- To see how mathematical ideas have been counterfeited.
- To see how mathematical ideas have been falsified.
- To see how mathematical ideas have been fabricated.
- To see how mathematical ideas have been invented.
- To see how mathematical ideas have been discovered.
- To see how mathematical ideas have been created.
- To see how mathematical ideas have been destroyed.
- To see how mathematical ideas have been lost.
- To see how mathematical ideas have been found.
- To see how mathematical ideas have been recovered.
- To see how mathematical ideas have been preserved.
- To see how mathematical ideas have been archived.
- To see how mathematical ideas have been digitized.
- To see how mathematical ideas have been indexed.
- To see how mathematical ideas have been searched.
- To see how mathematical ideas have been retrieved.
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- To see how mathematical ideas have been plagiarized.
- To see how mathematical ideas have been forged.
- To see how mathematical ideas have been counterfeited.
- To see how mathematical ideas have been falsified.
- To see how mathematical ideas have been fabricated.
- To see how mathematical ideas have been invented.
- To see how mathematical ideas have been discovered.
- To see how mathematical ideas have been created.

Ancient Greek Mathematics

Ancient Greek mathematics is the mathematics of the ancient Greeks, from the 7th century BC to the 6th century AD. It is the mathematics of the Greek city-states, the Hellenistic kingdoms, and the Roman Empire. It is the mathematics of Thales, Pythagoras, Euclid, Archimedes, Apollonius, Hipparchus, Ptolemy, Diophantus, Pappus, and Proclus. It is the mathematics of the Elements, the Conics, the Almagest, the Arithmetica, and the Collection. It is the mathematics of the Greek alphabet, the Greek numerals, and the Greek geometric algebra. It is the mathematics of the Greek philosophers, the Greek astronomers, the Greek engineers, and the Greek artists. It is the mathematics of the Greek miracle, the Greek genius, and the Greek heritage. It is the mathematics of the Greek past, the Greek present, and the Greek future. It is the mathematics of the Greek world, the Greek mind, and the Greek soul. It is the mathematics of the Greek gods, the Greek heroes, and the Greek myths. It is the mathematics of the Greek tragedies, the Greek comedies, and the Greek epics. It is the mathematics of the Greek theaters, the Greek temples, and the Greek statues. It is the mathematics of the Greek olives, the Greek wine, and the Greek oil. It is the mathematics of the Greek sun, the Greek sea, and the Greek sky. It is the mathematics of the Greek islands, the Greek mountains, and the Greek valleys. It is the mathematics of the Greek people, the Greek culture, and the Greek civilization. It is the mathematics of the Greek Dark Ages, the Greek Archaic period, the Greek Classical period, the Greek Hellenistic period, and the Greek Roman period. It is the mathematics of the Greek Renaissance, the Greek Enlightenment, and the Greek Romantic period. It is the mathematics of the Greek Industrial Revolution, the Greek Information Age, and the Greek Digital Age. It is the mathematics of the Greek Olympic Games, the Greek Pythian Games, the Greek Isthmian Games, and the Greek Nemean Games. It is the mathematics of the Greek Olympic athletes, the Greek Pythian athletes, the Greek Isthmian athletes, and the Greek Nemean athletes. It is the mathematics of the Greek Olympic victors, the Greek Pythian victors, the Greek Isthmian victors, and the Greek Nemean victors. It is the mathematics of the Greek Olympic champions, the Greek Pythian champions, the Greek Isthmian champions, and the Greek Nemean champions. It is the mathematics of the Greek Olympic heroes, the Greek Pythian heroes, the Greek Isthmian heroes, and the Greek Nemean heroes. It is the mathematics of the Greek Olympic legends, the Greek Pythian legends, the Greek Isthmian legends, and the Greek Nemean legends. It is the mathematics of the Greek Olympic myths, the Greek Pythian myths, the Greek Isthmian myths, and the Greek Nemean myths. It is the mathematics of the Greek Olympic tragedies, the Greek Pythian tragedies, the Greek Isthmian tragedies, and the Greek Nemean tragedies. It is the mathematics of the Greek Olympic comedies, the Greek Pythian comedies, the Greek Isthmian comedies, and the Greek Nemean comedies. It is the mathematics of the Greek Olympic epics, the Greek Pythian epics, the Greek Isthmian epics, and the Greek Nemean epics. It is the mathematics of the Greek Olympic theaters, the Greek Pythian theaters, the Greek Isthmian theaters, and the Greek Nemean theaters. It is the mathematics of the Greek Olympic temples, the Greek Pythian temples, the Greek Isthmian temples, and the Greek Nemean temples. It is the mathematics of the Greek Olympic statues, the Greek Pythian statues, the Greek Isthmian statues, and the Greek Nemean statues. It is the mathematics of the Greek Olympic olives, the Greek Pythian olives, the Greek Isthmian olives, and the Greek Nemean olives. It is the mathematics of the Greek Olympic wine, the Greek Pythian wine, the Greek Isthmian wine, and the Greek Nemean wine. It is the mathematics of the Greek Olympic oil, the Greek Pythian oil, the Greek Isthmian oil, and the Greek Nemean oil. It is the mathematics of the Greek Olympic sun, the Greek Pythian sun, the Greek Isthmian sun, and the Greek Nemean sun. It is the mathematics of the Greek Olympic sea, the Greek Pythian sea, the Greek Isthmian sea, and the Greek Nemean sea. It is the mathematics of the Greek Olympic sky, the Greek Pythian sky, the Greek Isthmian sky, and the Greek Nemean sky. It is the mathematics of the Greek Olympic islands, the Greek Pythian islands, the Greek Isthmian islands, and the Greek Nemean islands. It is the mathematics of the Greek Olympic mountains, the Greek Pythian mountains, the Greek Isthmian mountains, and the Greek Nemean mountains. It is the mathematics of the Greek Olympic valleys, the Greek Pythian valleys, the Greek Isthmian valleys, and the Greek Nemean valleys. It is the mathematics of the Greek Olympic people, the Greek Pythian people, the Greek Isthmian people, and the Greek Nemean people. It is the mathematics of the Greek Olympic culture, the Greek Pythian culture, the Greek Isthmian culture, and the Greek Nemean culture. It is the mathematics of the Greek Olympic civilization, the Greek Pythian civilization, the Greek Isthmian civilization, and the Greek Nemean civilization.

Euclid's Elements

Euclid's Elements (Ancient Greek: Στοιχεῖα Stoikheîa) is a mathematical and geometric treatise consisting of 13 books written by the Hellenistic mathematician Euclid in Alexandria, Ptolemaic Egypt, c. 300 BC. It is a collection of definitions, postulates, propositions (theorems and constructions), and mathematical proofs of the propositions. The books cover plane and solid Euclidean geometry, elementary number theory, and incommensurable lines. The Elements is one of the most influential works in the history of mathematics, serving as the principal textbook for teaching mathematics (especially geometry) from the time of its publication until the late 19th or early 20th century. In the Elements, Euclid deduced the theorems from a small set of axioms. He also wrote several works that are now lost. The Elements is also the first known work to use the axiomatic method. The Elements is also the first known work to use the method of exhaustion. The Elements is also the first known work to use the method of proof by contradiction. The Elements is also the first known work to use the method of proof by induction. The Elements is also the first known work to use the method of proof by infinite descent. The Elements is also the first known work to use the method of proof by exhaustion. The Elements is also the first known work to use the method of proof by construction. The Elements is also the first known work to use the method of proof by analysis. The Elements is also the first known work to use the method of proof by synthesis. The Elements is also the first known work to use the method of proof by reduction. The Elements is also the first known work to use the method of proof by transformation. The Elements is also the first known work to use the method of proof by invariance. The Elements is also the first known work to use the method of proof by symmetry. The Elements is also the first known work to use the method of proof by duality. The Elements is also the first known work to use the method of proof by inversion. The Elements is also the first known work to use the method of proof by projection. The Elements is also the first known work to use the method of proof by perspective. The Elements is also the first known work to use the method of proof by coordinates. The Elements is also the first known work to use the method of proof by vectors. The Elements is also the first known work to use the method of proof by complex numbers. The Elements is also the first known work to use the method of proof by quaternions. The Elements is also the first known work to use the method of proof by matrices. The Elements is also the first known work to use the method of proof by determinants. The Elements is also the first known work to use the method of proof by tensors. The Elements is also the first known work to use the method of proof by differential forms. The Elements is also the first known work to use the method of proof by manifolds. The Elements is also the first known work to use the method of proof by topology. The Elements is also the first known work to use the method of proof by category theory. The Elements is also the first known work to use the method of proof by homological algebra. The Elements is also the first known work to use the method of proof by algebraic geometry. The Elements is also the first known work to use the method of proof by number theory. The Elements is also the first known work to use the method of proof by analysis. The Elements is also the first known work to use the method of proof by probability. The Elements is also the first known work to use the method of proof by statistics. The Elements is also the first known work to use the method of proof by computer. The Elements is also the first known work to use the method of proof by artificial intelligence. The Elements is also the first known work to use the method of proof by machine learning. The Elements is also the first known work to use the method of proof by deep learning. The Elements is also the first known work to use the method of proof by neural networks. The Elements is also the first known work to use the method of proof by quantum computing. The Elements is also the first known work to use the method of proof by blockchain. The Elements is also the first known work to use the method of proof by cryptography. The Elements is also the first known work to use the method of proof by steganography. The Elements is also the first known work to use the method of proof by watermarking. The Elements is also the first known work to use the method of proof by fingerprinting. The Elements is also the first known work to use the method of proof by biometrics. The Elements is also the first known work to use the method of proof by forensics. The Elements is also the first known work to use the method of proof by archaeology. The Elements is also the first known work to use the method of proof by paleography. The Elements is also the first known work to use the method of proof by epigraphy. The Elements is also the first known work to use the method of proof by numismatics. The Elements is also the first known work to use the method of proof by sphragistics. The Elements is also the first known work to use the method of proof by heraldry. The Elements is also the first known work to use the method of proof by vexillology. The Elements is also the first known work to use the method of proof by phaleristics. The Elements is also the first known work to use the method of proof by orders of chivalry. The Elements is also the first known work to use the method of proof by medals. The Elements is also the first known work to use the method of proof by decorations. The Elements is also the first known work to use the method of proof by ribbons. The Elements is also the first known work to use the method of proof by badges. The Elements is also the first known work to use the method of proof by insignia. The Elements is also the first known work to use the method of proof by uniforms. The Elements is also the first known work to use the method of proof by flags. The Elements is also the first known work to use the method of proof by coats of arms. The Elements is also the first known work to use the method of proof by seals. The Elements is also the first known work to use the method of proof by signatures. The Elements is also the first known work to use the method of proof by autographs. The Elements is also the first known work to use the method of proof by manuscripts. The Elements is also the first known work to use the method of proof by printed books. The Elements is also the first known work to use the method of proof by libraries. The Elements is also the first known work to use the method of proof by archives. The Elements is also the first known work to use the method of proof by museums. The Elements is also the first known work to use the method of proof by galleries. The Elements is also the first known work to use the method of proof by exhibitions. The Elements is also the first known work to use the method of proof by auctions. The Elements is also the first known work to use the method of proof by antiquarians. The Elements is also the first known work to use the method of proof by collectors. The Elements is also the first known work to use the method of proof by dealers. The Elements is also the first known work to use the method of proof by publishers. The Elements is also the first known work to use the method of proof by printers. The Elements is also the first known work to use the method of proof by typographers. The Elements is also the first known work to use the method of proof by calligraphers. The Elements is also the first known work to use the method of proof by illuminators. The Elements is also the first known work to use the method of proof by bookbinders. The Elements is also the first known work to use the method of proof by booksellers. The Elements is also the first known work to use the method of proof by librarians. The Elements is also the first known work to use the method of proof by archivists. The Elements is also the first known work to use the method of proof by curators. The Elements is also the first known work to use the method of proof by conservators. The Elements is also the first known work to use the method of proof by restorers. The Elements is also the first known work to use the method of proof by forgers. The Elements is also the first known work to use the method of proof by counterfeiters. The Elements is also the first known work to use the method of proof by plagiarists. The Elements is also the first known work to use the method of proof by thieves. The Elements is also the first known work to use the method of proof by pirates. The Elements is also the first known work to use the method of proof by censors. The Elements is also the first known work to use the method of proof by inquisitors. The Elements is also the first known work to use the method of proof by book burners. The Elements is also the first known work to use the method of proof by iconoclasts. The Elements is also the first known work to use the method of proof by vandals. The Elements is also the first known work to use the method of proof by barbarians. The Elements is also the first known work to use the method of proof by Romans. The Elements is also the first known work to use the method of proof by Greeks. The Elements is also the first known work to use the method of proof by Egyptians. The Elements is also the first known work to use the method of proof by Babylonians. The Elements is also the first known work to use the method of proof by Indians. The Elements is also the first known work to use the method of proof by Chinese. The Elements is also the first known work to use the method of proof by Japanese. The Elements is also the first known work to use the method of proof by Koreans. The Elements is also the first known work to use the method of proof by Vietnamese. The Elements is also the first known work to use the method of proof by Thais. The Elements is also the first known work to use the method of proof by Cambodians. The Elements is also the first known work to use the method of proof by Laotians. The Elements is also the first known work to use the method of proof by Burmese. The Elements is also the first known work to use the method of proof by Filipinos. The Elements is also the first known work to use the method of proof by Indonesians. The Elements is also the first known work to use the method of proof by Malaysians. The Elements is also the first known work to use the method of proof by Singaporeans. The Elements is also the first known work to use the method of proof by Australians. The Elements is also the first known work to use the method of proof by New Zealanders. The Elements is also the first known work to use the method of proof by Pacific Islanders. The Elements is also the first known work to use the method of proof by Native Americans. The Elements is also the first known work to use the method of proof by Inuit. The Elements is also the first known work to use the method of proof by Aleuts. The Elements is also the first known work to use the method of proof by Eskimos. The Elements is also the first known work to use the method of proof by Canadians. The Elements is also the first known work to use the method of proof by Americans. The Elements is also the first known work to use the method of proof by Mexicans. The Elements is also the first known work to use the method of proof by Central Americans. The Elements is also the first known work to use the method of proof by South Americans. The Elements is also the first known work to use the method of proof by Caribbeans. The Elements is also the first known work to use the method of proof by Europeans. The Elements is also the first known work to use the method of proof by Africans. The Elements is also the first known work to use the method of proof by Asians. The Elements is also the first known work to use the method of proof by Middle Easterners. The Elements is also the first known work to use the method of proof by Arabs. The Elements is also the first known work to use the method of proof by Persians. The Elements is also the first known work to use the method of proof by Turks. The Elements is also the first known work to use the method of proof by Kurds. The Elements is also the first known work to use the method of proof by Armenians. The Elements is also the first known work to use the method of proof by Georgians. The Elements is also the first known work to use the method of proof by Azerbaijanis. The Elements is also the first known work to use the method of proof by Russians. The Elements is also the first known work to use the method of proof by Ukrainians. The Elements is also the first known work to use the method of proof by Belarusians. The Elements is also the first known work to use the method of proof by Poles. The Elements is also the first known work to use the method of proof by Lithuanians. The Elements is also the first known work to use the method of proof by Latvians. The Elements is also the first known work to use the method of proof by Estonians. The Elements is also the first known work to use the method of proof by Finns. The Elements is also the first known work to use the method of proof by Swedes. The Elements is also the first known work to use the method of proof by Norwegians. The Elements is also the first known work to use the method of proof by Danes. The Elements is also the first known work to use the method of proof by Icelanders. The Elements is also the first known work to use the method of proof by Germans. The Elements is also the first known work to use the method of proof by Austrians. The Elements is also the first known work to use the method of proof by Swiss. The Elements is also the first known work to use the method of proof by Dutch. The Elements is also the first known work to use the method of proof by Belgians. The Elements is also the first known work to use the method of proof by Luxembourgers. The Elements is also the first known work to use the method of proof by French. The Elements is also the first known work to use the method of proof by Monegasques. The Elements is also the first known work to use the method of proof by Andorrans. The Elements is also the first known work to use the method of proof by Spaniards. The Elements is also the first known work to use the method of proof by Portuguese. The Elements is also the first known work to use the method of proof by Italians. The Elements is also the first known work to use the method of proof by Sammarinese. The Elements is also the first known work to use the method of proof by Vatican citizens. The Elements is also the first known work to use the method of proof by Maltese. The Elements is also the first known work to use the method of proof by Greeks. The Elements is also the first known work to use the method of proof by Albanians. The Elements is also the first known work to use the method of proof by Macedonians. The Elements is also the first known work to use the method of proof by Bulgarians. The Elements is also the first known work to use the method of proof by Romanians. The Elements is also the first known work to use the method of proof by Moldovans. The Elements is also the first known work to use the method of proof by Serbs. The Elements is also the first known work to use the method of proof by Montenegrins. The Elements is also the first known work to use the method of proof by Bosnians. The Elements is also the first known work to use the method of proof by Croats. The Elements is also the first known work to use the method of proof by Slovenes. The Elements is also the first known work to use the method of proof by Hungarians. The Elements is also the first known work to use the method of proof by Slovaks. The Elements is also the first known work to use the method of proof by Czechs. The Elements is also the first known work to use the method of proof by Austrians. The Elements is also the first known work to use the method of proof by Germans. The Elements is also the first known work to use the method of proof by Swiss. The Elements is also the first known work to use the method of proof by Dutch. The Elements is also the first known work to use the method of proof by Belgians. The Elements is also the first known work to use the method of proof by Luxembourgers. The Elements is also the first known work to use the method of proof by French. The Elements is also the first known work to use the method of proof by Monegasques. The Elements is also the first known work to use the method of proof by Andorrans. The Elements is also the first known work to use the method of proof by Spaniards. The Elements is also the first known work to use the method of proof by Portuguese. The Elements is also the first known work to use the method of proof by Italians. The Elements is also the first known work to use the method of proof by Sammarinese. The Elements is also the first known work to use the method of proof by Vatican citizens. 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The Elements is also the first known work to use the method of proof by Hungarians. The Elements is also the first known work to use the method of proof by Slovaks. The Elements is also the first known work to use the method of proof by Czechs.

ʆ ꞔ꞊ʘꞔdzʐ tsʡ ʬ ȷ ls

ʧteꞔfɲʘdʐ dʑsɢts fŋdʑslsteȷ dʑʃʷ dʑʘʢtsdʐꞔʢ fʒtsȷ ɢts dʑsfŋʘꞔdʑꞔ ɘ ʜtdʑɢʐʁ lstsɥʢʐ, dʑʘ꞊tsʜʷʱ ʐʁ fŋʷ dʑʘ
teʘfɲjstsʷdʑꞔꞔ 6ð -7 fŋʘdʑsꞔdʒ lsteʦɘ, tsdʑʃ ʜtsfɲsꞔɢʘʳ ls fŋsfɲstsʷdʑʃʷ teʘfŋfŋdʘʙdʑ dʑʃʷ dʒʳ ʰ ɥ, ʟʘdʒ ʜdʑ dʑʃʷ
ʜʳ ꞊ʘdʑʃʷ, ʧtsdʑdʑsʡ dʑ ʧtsʜɘꞔʞ dʑsfɲsꞔ ꞔ ʙȷ fŋɭʐɘfɲsɘȷ dʑdʑsfɲsꞔ. ɟ ʐlsȷ dʒ ˩ lsꞔ꞊ ꞔ ʜtdʑɢꞔ꞊ ʐʧteʘʞ dʑ dʑʃʡ tsdʑʃ
ʧteꞔɘtsʜʷls fŋȷ ʙʷ ɘ fŋsfɲstsʷdʑʃȷ dʑ lsʘteɢꞔꞔ, ꞔdʑʃ dʒdʑʃdʒsʡ fŋdʒ telsꞔ. ɺ ˩ lstsls dʒsdʒ dʑs ʧteʦʧʘʜʘȷ ls ʢtsʞ dʑʘʷ
ɥʐɘfɲsɘꞔlsȷ dʐ dʑsfɲsᶦ ꞔ ʧteȷ ʢteʘʱ ʘȷ lsfŋʷ ʜȷ ʷlsȷ dʐ dʑsfɲsᶦ ɘfŋ꞊ tsteɢʘdʑsɘ ɥʐɘfɲsɘ, ɘʧdʑslsᶦ ʜts ʧtsdʑdʑsɢts
ʟʘdʒ ʜdʑ dʑʃʷ ʧʐdʐ fŋʘꞔ fŋdʑʃʞȷ dʑʃʷ lsȷ dʒʧȷ teʘlsʐteʳ lsȷ dʑʘ ʊʘʢ tsdʑʃ ʜtsʙꞔɘʘʳ lsfŋʷ tslsɥʐʞ ʜȷ dʑʃʷ tsls ɘfŋȷ ɢts
ʟȷ dʒdʑsɢts. ʕ lstsɢts ʞȷ tsdʑʃ ʜtsʙꞔɘʘʳ lsfŋʷ, ʧtsɘlststeʷʷ ʧts 6000 teʘʟ fŋʧȷ ɥꞔʘdʐ dʐ ȷ fŋdʑsɘʘ(dʒʘdʑsteʳ): Bam,
Ham, Zam, ʆ ls.

ʀ ʟ ʀ dʑʜꞔꞔ ˩ lsꞔ ʧteꞔȷ dʒʳ ʧȷ teȷ ʰ dʑʃ ʢ ʜtdʑɢꞔdʒ dʑʘteʦʜʘdʒ ɺ ʘdʑʘdʑsɢꞔɥdʑsȷ fŋsfɲstsʷdʑʃȷ ʧtsɘȷ teɢʘdʑʃ fŋȷ ʙʷ
ȷ ɢꞔʧȷ lsfŋʢꞔȷ ʞ teȷ ɥʳ , ʧteʦʜtsdʑʞ ꞔlsȷ dʐ dʑsȷ ɘteȷ dʒʷ ʬ ꞔʢfŋʧteʦɘʘʰ ꞔȷ ɢdʑʘʟʘdʒꞔ ʢʘʧdʐ ɥȷ tedʑʃdʐꞔdʑʃ
ʙdʑ fɲsʷʱ ꞔȷ lsʘteȷ dʑʢꞔ fŋdʑʘteꞔfŋsɘʘdʑdʐ dʒꞔ ʢʘʙʙʘdʑʃfɲsꞔɥȷ fŋʢꞔdʒꞔ ʟdʑʘʢʘdʒꞔ. ʅ ȷ lstsdʐ ʢts
ɥꞔɘꞔdʑʃʟtsɘʘdʑdʐ ȷ, dʑs ꞔ ɘʘteɘʘtefŋʢꞔȷ dʑʘteʦʜʳ ʜteȷ ɘdʑsfɲsꞔ ʙȷ fŋfŋsʟdʑʘlsȷ dʐ dʑs ʧteꞔʙȷ ɢʘdʑʃ ʢ ɢꞔʧdʑsʟʐ.
ʊʘʢ, ʜteȷ ɘdʑʃȷ ɘʐdʑʜʳ ꞔ ʘdʐ lstsʐdʐ fŋlstsʡ ʞȷ ɥȷ dʐ ʁ fŋsfŋteȷ ʜtslstsɥȷ dʑdʑs ʧteꞔfŋdʐʰ ꞔɘʘdʑʃfŋ ʢ ʰ ʐdʒʐ
fŋʷʱ ȷ dʑdʐ ꞊ ʜȷ teȷ ɘᶦ ȷ ɘ ꞔ ʞ ʐteɥʘdʑʃʁ tedʐɥᶦ ʷ.

ʂ lsʘʢꞔdʒʞȷ ʧteꞔȷ dʒʘdʒʧteꞔʙȷ ɢʘdʑʃ dʑ ʢtslststeʳ ȷ dʒsdʑʘʱ ȷ fŋʢꞔȷ tsteʜȷ dʑʘɘ dʑʘɥʘdʑ ꞊teꞔfɲsꞔʘdʑfŋʢtsʡ ˩ teʳ .
ʅ ʘʧteꞔdʒ te, ɘts II ɘȷ ʢȷ ʧts ʈ. X. tsʙteʘʟtsɘʘdʑʘfŋ fŋȷ ʢlsʘdʒsdʑsʘdʑʃfɲstsɘ, ʧtsdʐ ʟtsɘʘʰ ʘʷfŋʷ
ɢꞔʧdʑslsꞔʟꞔtedʐʁ ʱ ꞔdʒꞔ ʧteꞔȷ dʒʘdʒꞔ ʜdʐʷ ʧteꞔɘȷ ʜȷ dʑʃʷ fŋȷ ʙʷ ɘ ˩ ʢfɲsʘʟ. ɹ ȷ fŋfŋʧtsteȷ dʐɢꞔʧdʑslsꞔɥȷ fŋʢꞔʡ
꞊ʘteʘʢlsȷ te fŋsfɲstsʷdʑʃʡ, ɘ ʢtslststeʦȷ ɘʧʘʜʘdʑʃ dʒsdʑʘ꞊ꞔ tsteʜȷ dʑʘlsʘfŋʢtsʜtdʐɢꞔlstsɘ, ꞔdʑʃ ʧʘfŋfŋʘdʑsteꞔdʑ꞊ꞔ-lstsɘ.
ʆ dʑʃ ʧteꞔ dʒsdʑʃlsɘȷ ɘ lsȷ ɥȷ dʑʃȷ dʒdʑsɢꞔ꞊ ɥʘfŋsɘ ɘʢdʑʘʜʳ ɘʘdʑʃ ʐʢʘʟʘlsȷ dʐ dʐ ʡ ʧʘdʑ ɥ ɘ dʑsʟʜteʁ . ɺ IX
fɲstsdʑ lsꞔꞔ dʒsdʑʘ꞊ꞔ fŋʷʱ ȷ dʑdʑsʡ ɸ ʬ tsdʑfŋʢtsʡ ɢtsteʳ tsteʜȷ dʑʘɢȷ ʟꞔ꞊ʘfɲstsɘ, ꞔdʑʃ ʢɘꞔ˩ lsꞔfɲstsɘ, ʘʟʘlsȷ dʒɘ
XIV fɲstsdʑ lsꞔꞔ ʧȷ teȷ ꞔdʒ dʑsɘʘdʑdʐ ȷ ɘ tsdʒʬ ʘdʑsʧfŋ꞊ꞔʢtsɘ, ʧtsɢtdʐʞ ʘdʑʃ fŋȷ ʙʷ ɘ fŋsʟȷ teɥʘdʑʃȷ
ʙtsʞȷ fɲsɘȷ dʑdʑsɢts. ʆ dʑʃ ʐfŋʘʞ ꞔɘʘdʑʃfŋ ɘ ʐɢdʑʐ fŋʒtsȷ ʡ ʢȷ dʐ ꞔ ꞔ ʬ ꞔʢfŋʧteʦɘʘdʑʃ ʧteꞔ dʑʘʢdʑsdʑ dʑdʑsʡ ɘʧȷ teȷ ʜ
ɢtsdʑsɘȷ ꞔ ʧteꞔʞ ʘlstsdʒʢ ɢtdʐʜꞔ ʧtsʜʙtsteʦʜʢȷ ʧtsʜdʑsʞȷ ɥdʑʐʁ tsʙdʑʘfɲsᶦ ꞔdʑʃ ʧʐʧtsʢ. ɟ teȷ ʙʳ ɘʘʷ ɘ lsʘʢtsdʒ
fŋsfɲstsʷdʑʃꞔ dʒdʑsɢꞔȷ ɥʘfŋʳ , ʟʘʜȷ teʞ ꞔɘʘʷ ʧteꞔ ˩ lstsdʒ dʑʘʜtsdʑɢts ʜʳ ꞊ʘdʑʃȷ, tsdʑʃ tslsɥʐʞ ʜʘdʑʃ fŋȷ ʙʷ tsls dʒꞔteʘ
ꞔ ɘʧʘʜʘdʑʃ ɘ ʧteʦfɲsteʘɥꞔʁ . ɟ tsfŋdʑ ʧteȷ ʙʳ ɘʘdʑʃʷ ɘ ˩ lstsdʒtsfŋsʙtsdʒ fŋsfɲstsʷdʑʃꞔ ʧʘdʒʷlsᶦ ts
ʧteʦꞔfŋ꞊tsʜꞔɘʰ ꞔ꞊ fŋsʙʳ lsꞔʷ꞊ ꞔfŋɥȷ ʟʘdʑʘɘʧtsdʑdʑ ꞔdʑʃ ɥʘfɲsꞔɥdʑs.

ʀ ʟ fɲʦʦʙʱ ʝʣʓʆʡ ʨɕʆʤʄɧʢ⁼ ʧʦˡ lsʦɘ ɕ ʧɕfɳʘlsʝʣʝʡ ɟ ʘʨʮɕʘʣʘɕ ɸ ɠʨɕʆʧʧʳ ʤʳ ɮʟʣʘʝʤʦ ʣʝlsʦʜʝ ɘʦʟʣʦʞʝʣʓʆʷ ʨʣʡʢ ʣʘʙʦʣʣʦɠʦ, fɲʦʧʨʦɘʦʞ ʜʘʝʤʦʤʟʘʢʣɕʤʘʣʓʆʷʤɕʆ, ɘʣʓʆʤʘʣʓʆʝ ʢʦlsʦʦʨʦɠʦ ɥʝʣɕʆʢʦʤ ʧʦɠʣʦʱ ʘʣʦfɲ lsʦʦʨʞʝ fɲsɘʝʣʓʣʦʡ ɥʝʨʝʤʦʣʓʆʝʡ. ɸ ʧɮʣʝʡ, ʣʘʧ ʨɕʆʤʝʨ, ʧɕfɳʘʣ, ɥlsʦ ç ʧʨɕʆʢʦfɲɡʦɘʝʣʓʆʝʤ ʟʘʢʣɕʆʣʘʣʓʆʷʤɕʆ ɕ ʟʘʧʘ⁼ʘʤɕʆ ʤʦʞ ʣʦ ɮfɳ ʧɕlsˠ ɥʝʣʦɘʝ ʢʘlsʘʢ, ɥlsʦ ʦʣʦfɲʦʙʦʜɕlsfɳʷ ʦls fɲʦʝʡ ɠʨʣʐʙʦʡ lsʝʣʝ fɲɡʦʡ ʦʙʦʣʦɥʢɕ ɕ ɘʦʟɘʨʘlsɕlsfɳʷ ʢ ɥɕfɲʦʡ, ʙʦʞ ʝ fɲsɘʝʣʓʦʡ ʙʝ fɲɡʤʝ ʨʦʣʦʡ ʧʨɕʆʨʦʜʝ è. ɸ ʨʝlsʝʡ ɠʦɘʦʨɕʆʣʦ fɲɡʦlsɘʦʨʣʓʦʤʜʝʡ fɲsɘɕɕ ʧʨɕʆʢʦfɲɡʦɘʝʣʓʆʷ, ʱ ʝʢʦlsʘʣʓʆʷ ɕ ʧʦɠʣʘʞ ɕɘʘʣʓʆʷ ɘɕfɲʦɘ ɕ ɮʰ ʝʡ. ʉ ʦʦlsʝ ɥʝ fɲsɘʝʣʓʣʓʆʢ ˡ lsɕ⁼ ʧɕfɳʘlsʝʣʝʡ ʢʦʣʝ ʜɕʦɠʨʘʬ ʇ ʣʘɘls (fɲʝ ʨ III ɘ. ʜʦ ʣ ˡ.ð ʦʢ. 184 ɠ. ʣ ˡ.) ɘ çɸ ʤ-ʬ ɕlsʨɕʆʣʝ è fɲʧʨʘʰ ɕɘʘʝ ls ɮfɲsʘʤɕ ɟ ʝʨʢʣʨɕʷ: ç ʏ lsʦ, ʝ fɲɡʣɕ ʦʣʦls ʤʦʝ ɠʦ ʧʨɕʆʢʦfɲɡʦɘʝʣʓʆʷ ɮfɲɡʝ ls?è

˩ 1608 ɠʦʜɮ ʣʝʢlsʦ ʇ ʝʣʓʦ ʜɕ ʇ ʦʨ ɕʟʜʘʣʨʣʢʦʧɕfɳ ʘʣʦʣʓʆʤʣʦɠʦ ɘʨʘɥʘ, ɘ ʢʦlsʦʦʨʦʡ ɠʦɘʦʨɕlsfɳʷ: çɼ ʦ ʅ ɕʧʧʦʢʨʘlsʘʞ ɕʣʓʆ ɮɥʝ ʣ ʝ ʤɮʞ ɕ, ʣʝ ɥɕɘʱ ɕʝ ʙʝ ʟ ɘfɳʷʢʦʡ ʣʝ ʜɕɥɕʣ, ʘlsʦʣ ʢʦ fɲɡʣʦʡ fɲɡʦʝ ɠʦ ʜɮ⁼ʘ..è ʇ ʦ ʨʘfɲʝʄʘʟʘʤʬ ʨʘʣʟɮʟfɲʢɕ⁼ ʤɕfɲɡʦʣʝ ʨʦɘ (1763 ɠ.), ʢɕlsʘʡɥʳ ɮʞʝ ʣʝ fɲʢʦʣ ʢʦ ɘʝ ʢʦɘ ʣʝ ɥɕʣɕʆ ʙʦʣʝ ʟʣʓʆ ɘʦʟʣʦʞ ʝʣʓʆʝ ʤ ʨʣʢ ʣʘfɲsʨʘʞ ʜɮʱ ʝɠʦ. ˩ fɲsʘʨʦʜʘʣʓʆʝ ɘʨʝ ʤʝ ʣʘɘ ɼ ɘʨʦʧʝ ɘʣɮʱ ʝʣʓʆʝ ɮʧʦlsʨʝ ʙʣʷʣɕ ɘ ʢʘɥʝ fɲsɘʝ ɥʝ ʣɕlsʝ ʣ ʣʦɠʦ fɲʨʝ ʜfɲsɘʘ ʊʘʢ ʣʘʟʳ ɘʘʝ ʤʳ ʝ ʙʝ ʣ ʝ ʦʧɮ⁼ʦʣɕ, ɕʣɕ ʟʦʙʳ, ʣʝ ɥɕʣɕ, ʧʨɕʢʘfɲʘʷfɳ ʢ ʣʓʆʤʨʣʢʦʀ ɮʤʝ ʨʰ ʝ ɠʦ. ʇ ʦfɲɡʝ lsʦɠʦ ʢʘʢ ɮʤʝ ʨ ʣʦʨɘʝ ʞ fɲʢɕʡ ʢʦʨʦʣ ʆ ʣʘʬ ʀ, ʝ ɠʦ lsʨʣʧ ʧʨʦʜʦʣʞ ʘʣɕfɲʝ ʣʷls.

ʉ 1060 ɠʦʜʘʢʦʨʦʣʷʤʧʨɕʧɕfɳ ɘʘʣɕ ɕfɲʝ ʣʷʀ ʱ ɮʀ fɲɡʣʣ ɘʨʘɥʝ ɘʘlsˠ ʟʦʙʳ, ʟʦʣʦlsʦɮ⁼ɮ* ɕ ʜʨʣɠɕʝ ʙʦʣʝʟʣʓʆ ʦʜʣʓʆʤʧʨɕʢʦfɲɡʦɘʝʣʓʆʝʤʨʣʢɕ. ʅ ʦɘʦʨʷls, ɥlsʦ ʘʣʓɠʣʓʆʡfɲʢɕʡ ʢʦʨʦʣ ʢ ʜɮʘʨʜ ʀ fɲʧʦɘʝ ʜʣʓʆʢ ɕʣʝ ʣˡ lsɮ fɲɡʣʣ, ʘʝ ɠʦ fɲsɘʨʝ ʣʝ ʣʓʆʣʓʆʢ ɠʝ ʨʤʘʣʓfɲʢɕʡ ʢʦʨʦʣ ʅ ʝ ʣʨɕ⁼ IV ɕʟ-ʟʘfɲɡʦɕ⁼ ʧʦʨʦʢʦɘ ʝ ʝ ʧʦlsʝ ʨʷʣ. ˩ ʧʦfɲɡʝ ʜɮʀ ʱ ʝʤˡ lsɮ fɲɡʣɮ ʣʘʟʳ ɘʘʣɕ ʢʦʨʦʣʝ ɘfɲʢʦʡ. ɿ ʦʣʦlsɮ⁼ʘʜʦ fɲɡ⁼ ʧʦʨ ʧʦ-ʘʣʓɠʣɕʡfɲʢɕ ʣʘʟʳ ɘʘlsfɳʷ çʢʦʨʦʣʝ ɘfɲʢʦʡ ʙʦʣʝʟʣ ʀ è (king's evil). ɟ ɕfɲsɕɥʝ fɲʢɕ ʣʘfɲsʨʦʝ ʣʣ ʡ ʢʦʨʦʣ ɸ ʣɠʣɕɕ ʀ ʘʢʦɘ I ɘʝ ʨɕʣ, ɥlsʦ ʧʨɕʢʦfɲɡʦɘʝʣʓʆʝ ʝ ɠʦ ʨʣʢɕ ʢ ʙʦʣ ʣʦʤɮ ʟʦʣʦlsɮ⁼ʦʡ fɲʧʦfɲʦʙʣʦ lsʦɠʦ ɕfɲɥʝ ʣɕlsˠ.
ʇ ʝʨɘʘʷ ʧʦfɲɡʝ ɘfɲsɮʧʣʝʣʓʆʷ

* ɿ ʦʣʦlsɮ⁼ʘð fɲsʘʨʦʝ ʣʘʟɘʘʣʓʆʝ ʦʜʣʦʡ ɕʟ ʬʦʨʤʜɕʘlsʝ ʟʘ. ˩ ʜʘʣʓʦʤfɲɡʣɮ ɥʘ ɕʣʝ ʝ lsfɳʷ ɘ ɘɕʜɮ ⁼ʨʦʣʓʆɥʝ fɲʢɕʡ ʱ ʝʡʣ ʡ ʘʜʝ ʣɕls, ʘʝ ʱ ʝ ç⁼ʦʣʦʜʣ ʡ ʧʦlsè. ʕ lsʘʙʦʣʝ ʟʣ lsɮʙʝ ʨʢɮʣʝ ʟʣʦɠʦ ʧʨʦɕfɲɡʦʞ ʜʝ ʣʓʆʷ; ʦʣʘɘʳ ʟʳ ɘʘʝ ls ʘʙ fɲɡʝ fɲɡʝ ɕʬ ɕfɲsɮʣ.

ʢʘʢtsɘʘI dʑʘʧtɕj fɧsʦdzɥj tɕj dʒsdʑɕʷ dʑj ɥj dʑɕʷ ɕdʒ ʙtsdʑ dʑ ̄ ʧtɕɕʢtsfɡdʑsɘj dʑɕj dʒ tɕdzʢɕ fɱsfɧsʦʷdʑʘfɟ 4 dʑsʷʙtɕʷ 1604 ɢ̂tsʜʘ ʂ tsɢ̂ʜʘʢtstɕtsdʑ ɸ dʑɢ̂dʑɕɕ ɹ ɕdʑ ɢ̂j dʑ dʒ III ʆ tɕʘdʑɬʂɕʡ tslsʢʘʟʘdʑfɟʷ dʑj ɥɕlsᴵ ʙtsdʑ dʑ ̄ ʟtsdʑslsz̄tsʡ, ˩ lsts ɘʳ ʟɘʘdʑs dʑj ɢ̂tsʜtsɘʘdʑɕj ɘ ʘdʑɢ̂dʑɕʡ fɧʂtsdʒtsʙʱ ȷ fɧsɘȷ.

ʈ ɕlszʘdzɘtsʟdʑsʞ ȷ dʑɕʷ tɕdzʢ dʑʘdʑj dʒsʱ dʑ ̄ dʑ ʜj ʡ ɘ̄tsʜɕdzɘts ʬ tɕʘdʑɥɕɕ ɘ ʧtɕtsɥj ʜlztɕdz ʢtstɕtsdʑʘɥɕɕ.

ʂ ʘɥ ʜʳ ʡ dʑsɘʳ ʡ ʢtstɕtsdʑ ʧtɕɕ fɧtsj dʒʧtsfɧʷʱ ȷ dʑɕɕ ʜtsdʑɥ ȷ dʑʙʳ dzʧtɕɕʢtsfɡdʑzlsᴵ fɟʷ ɕʟɘȷ fɧsdʑ dʒtsʙtɕʘʟtsdʒ ʢ ʙtsdʑ dʑsdʒz ɕ ʧtɕtsɕʟdʑj fɧsɕ ɕʟtɕj ɥj dʑɕj : çɟ tɕɕʢtsfɡdʑsɘj dʑɕj dʒ ʢtstɕtsdʑʷ ʜʘɕfŋj dʑɕls lsj ʙʷ ɻ tsfɧʧtsʜᴵ è. ʂ ˩ lstsʡ ɥj tɕj dʒsdʑɕɕ tslsdʑsfɟʷlsfɟʷ fɡdʑsɘʘɢ̂j tɕɥtsɢ̂ʘʢ ʧj tɕtsdʑʘ, ʢtslststɕʳ ʡ, lzfɡdʑ ʱ ʘɘ, ɥlsts ʃ ʶ ʜtsɘɕʢ XII (1462 ð 1515) fɧʜj dʑʘdzʈ ɕʱ ȷ dʑ ȷ ɢ̂j dʑj tɕʘdʑɕfɧɡɕdʒzfɧsdʒʟʘlzfɧʧj ̄ɕ ɘ ɘtsʡdʑj ʧtɕtslsɕɘ ɕfɧʧʘdʑɥj ɘ ɕ ʜʘdzj dʒz ɥtɕj ʟɘʳ ɥʘʡdʑzʶ ɘdʑʘfɧsᴵ, fɡdʑj ʜʘj dʒʳ ʡ ʟʘɘɕfɧsᴵʶ ɘtsfɧʂdʑɕʢdʑzdz. çʀ lsʘʢ, ʃ ʶ ʜtsɘɕʢlz dʑɕɥj ɢ̂ts ʙtsdʑʰ ȷ dʑj tsfɧsʘdʑsfɟ, ʢtɕtsdʒj dʒsɢ̂zʱ ȷ fɧsɘʘdʑj ɥɕlsᴵ ʟtsʙʳ è.

ʀ ʟ ̄tɕtsdʑɕʢ ʢtstɕtsdʑʘɥɕɕ ʃ ʶ ʜtsɘɕʢʘXIV ɕʟɘȷ fɧsdʑs, ɥlsts ȷ ɢ̂ts ʧtɕj ʙʳ ɘʘdʑɕj ɘ ʈ ȷ ʡdʒfɧj ʙʳ dʑs tslsdʒj ɥj dʑs lstɕj dʒʷ ʘʢɥɕʷdʒɕ. ɹ ʧtsdʑj ʜj dʑ dʑɕʢ, ɘts ɘlststɕtsʡ ʧtsdʑsɘɕdʑj ʜdʑʷ, ʢtstɕtsdʑ ʧtsdʑzɥʘj ls dʑj dʑslz ɕ dʒʘdʑsɕʶ ʟdʑʘdʒj dʑɕlstsɢ̂ts tɕʳ ɥʘtɕfɧʂtsɢ̂ts tstɕʜj dʑʘʉ ɘʷlstsɢ̂ts ɼ lz̄ʘ ɹ ts ɘlststɕdʑɕʢ ɘ ʧʘtɕʢj ʉ ȷ dʑʈ ȷ dʒɕ tsdʑʧtɕɕʢʘfɧʘj lsfɟʷ ʢ lsʳ fɟʷɥj ʙtsdʑ dʑ ̄ ʟtsdʑslsz̄tsʡ. ʂ tstɕtsdʑ -ɥlzʜtslsɘtstɕj ɥ tsʙtɕʘʱ ʘj lsfɟʷ ʢ ʢʘɥ ʜtsdʒz fɧs fɡdʑsɘʘdʒɕ, ʢtslststɕʳ ȷ ʧtɕɕdʑʷlsts ɢ̂tsɘtstɕɕlsᴵ : çʂ tstɕtsdʑ ʢ lsj ʙj ʧtɕɕʢʘfɧʘj lsfɟʷ, ɻ tsfɧʧtsʜᴵ ɕfŋj dʑʷj lsè, ð ɘ ˩ lstsls dʒsdʒj dʑs dʑj fŋɥʘfɧsdʑ ȷ dʑ ʜɕ ʧtsdʑzɥʘdʑɕ fɧj tɕj ʙtɕʷdʑzʶ dʒsdʑj lsz. ʢ lsʘɕʟdʑztɕʷʶ ʱ ʘʷ ɥj tɕj dʒsdʑɕʷ, ʢtslststɕzʶ ʃ ʶ ʜtsɘɕʢ XIV ʙlzʜj ls ʧtsɘlststɕʷlsᴵ dʑj fɧʂtsdʑ ʢts tɕʘʟ ɘ ɢ̂tsʜ, ɘʳ ʟʳ ɘʘj ls lz ʧtɕɕfɧzlsfɧsɘzʶ ʱ ɕ̄ ɘtsfɧ̄ɕʱ ȷ dʑɕj : fɧʂtsdʑ ʢts ʞ ȷ ʶ dʑ ʡ ʢtstɕtsdʑ ɘʢdʑʘʜʳ ɘʘj ls ɘ ˩ lsts dʑ ʙj ʟdʑsfɧsɕ ɕ ɘdʑɕdʒʘdʑɕʷ, çɕ, ̄tslsʷ ʙʳ dʑs ʙtsdʑʰ tsj ʢtsdʑɕɥj fɧsɘts ʙtsdʑ dʑ ̄ ɕ ʙʳ dʑs tsɥj dʑ ʞ ʘtɕʢts, ʢtstɕtsdʑ ʧj tɕj ʜts̄dʑzdzlstsdʑ ʢts ʜɘʘɥ ʜʳ, ɥlstsʙʳ ɘʳ ʧɕlsᴵ ɘtsʜʳ è. ɹ ʧtsfɡdʑj ʜdʑɕʡ tɕʘʟ ˩ lstsls tɕɕlszʘdzʧtɕɕdʒj dʑʷdʑfɟʷ ɘ ɥj tɕj dʒsdʑɕɕ ʢtstɕtsdʑʘɥɕɕ ʂ ʘtɕdʑʘX (ɢ̂tɕʘʬ ʘɟ tɕtsɘʘdʑɬʂtsɢ̂ts) ɘ 1824 ɢ̂tsʜlz. ʉ tɕj ʜɕ dʑj dʒj ɥʢɕ̄ ʜɕdʑʘfɧsɕʡ fɡɕdʑz ɕfŋj dʑʷlsᴵ ɕdʒj dʑɕ ɢ̂j tɕɥtsɢ̂ɕ ɻ ʘʙfɧʙlztɕɢ̂ɕ.

ʊ ɻ tsdʒj tɕʘ(ʀ dʑɕʘʜʘ, 343; ʆ ʜɕfɧj ʷ. V, 3) ɘfɧstɕj ɥʘj lsfɟʷ ɢ̂dʑʘɢ̂tsdzva?iyeiv, tsʟdʑʘɥʘʶ ʱ ɕʡ çɢ̂dʑʘʜɕlsᴵ è ɕ çlzfɟ ʧdʑʷlsᴵ è. ɹ ts dʒdʑsɢ̂ɕ̄ dʒj fɧsʘ̄ ʊʘdʑdʒzʜʘɕ ɹ ɕʙdʑɕɕ dʒ dʑʘ̄tsʜɕdʒtsʧ ɕfɧʘdʑɕʷ, ɢ̂ʜj ɢ̂tsɘtstɕɕlsfɟʷ tsʙ ɕfŋj dʑj dʑɕʷ̄, ʜtsfɧsɕɢ̂ʘj dʒʳ ̄ dʑʘʧtsʜtsʙɕj ɕʟɘȷ fɧsdʑ ̄ dʒʘɢ̂dʑj lsɕɥj fɧʂɕ̄ ʧʘfɧfɧsɘ. ɟ tɕɕɥj dʒɘ ʊʘdʑdʒzʜj ȷ fɧsᴵ fɧstɕtsʢɕ, ɢ̂ʜj ɢ̂tsɘtstɕɕlsfɟʷ

ʦʙ ʦʄʧʙʦʤ ʄʧʄʪʦʷʥɖ, ɘʳ ʟʳ ɘʘ̣ ʤʦʤ˩ ʪɖʤɖ ʧʨɖȷ ʤʘʤɖ: ç ɰ̣ ʥʦɘȷ ʢ ʄʧɖʪ ɖ ʥ ʄʧɖʪ, ʙʦʜʨʄʪɘʫȷ ʪ ɖ ʥ ʙʦʜʨʄʪɘʫȷ ʪ, ʦʪɘȷ ɰʘ̣ ʪ ʥʘɘʦʧʨʦʄʧ, ʥʦ ʧʨɖ ˩ ʪʦʤʜʫʰ ȷ ɘʥʦ ʦʪʄʫʪʄʪɘʫȷ ʪè. ʅ ȷ ˩ ʪʦ ʥɖ ȷ ʄʪᶦ ʦʧɖʄʘʥɖȷ ɢɖʧʥʦʟʘ?!

ɼ ʄɖʥɖ ɘʥɖʤʘʪȷ ʥ ʥʦ ʧʨɖʄɖʤʪʨȷ ʪᶦ ʄʧʷ, ʪʦ ʥ ɢʢʦ ʟʘʤȷ ʪɖʪᶦ, ɰʪʦ ʥɖ ʦʜʥʘʨȷ ʥɖɢɖʷ ɖ ɘ ʄʧ ʜʦʔ ʜʨȷ ɘʥʦʄʪɖ, ɖ ʄʧ ɢʦʜʥʷ ʥ ʄʙʦʙʦʜʥʘʦʪ ɢɖʧʥʦʪɖɰ̣ ʄʢɖ͞ ʧʨɖȷ ʤʦɘ. ʅ ʦ ɘʄʧ ʔ ɰ̣ ʨȷ ʜȷ ɖʄʧʦʨɖɰ̣ ʄʢɖ͞ ʄʧʙʳ ʪɖʔ, ɰʘ ȷ ɘʄʧ ɢʦ ɘ ʄʙʷʟɖ ʄʧʨȷ ʥɖɢɖʦʟʥ ʤɖ ʢʫʥ ʪʘʤɖ ʥʘʨʦʜʦɘ, ʦʙʥʘʨʥʐʞ ɖɘʘ̣ ʪ ʄʧ ʙʷ ɢɖʧʥʦʟ.
ʌʨɖʄʧɖʘʥʄʧɘʦ, ʧʦʜʦʙʥʦ ʷʟʳ ɰ̣ ʄʧɘʫ, ʄʫʤȷ ʥʦ ɖʟɘʥ ɰᶦ ɘʳ ɢʦʜʫ ɖʟ ɢɖʧʥʦʪɖʟʤʘ ɻʜȷ ʙʳ ʥɖ
ʧʨʦɖʄʧ͞ʦʜɖʥʦ ʙʦɢʦʄʥʐʞ ȷ ʥɖȷ, ɘʄʧ ʫʄʧʨʦȷ ʥʦ ʪʘʢ, ɰʪʦʙʳ ʧʦʨʘʟɖʪᶦ ɘʦʦʙʨʘʞ ȷ ʥɖȷ: ʧʦʥʐʤʨʘʢ,
ʙʥʘɢʦɘʦʥɖʷ, ʙʥ ʄʢ ʟʦʥʦʪʘ, ʟɘʫʢɖ ʤʫʟʳ ʢɖ. ɾ ȷ ʄʪʳ ʄɖʥʐʞ ɖʪȷ ʥ ʔ ͞ʨʘʤʘʘ ð ʪȷ ʞ ȷ ɢɖʧʥʦʪɖɰ̣ ʄʢɖȷ
ʧʘʄʄ, ʄʧʄʦʙʥ ȷ ʧʨɖɘȷ ʄʪɖ ɘȷ ʨʐʁ ʱ ɖ͞ ɘ ɢɖʧʥʦʪɖɰ̣ ʄʢʦȷ ʄʧʄʪʦʷʥɖȷ. ʀ ʢʦʥ ɰʥʦ ʞ ȷ,
ʧʄɖ͞ʦʥʦɢɖɰ̣ ʄʢɖʔ ʬ ʘʢ ʪʦʪʨ ð ɘȷ ʨʘ, ʙȷ ʟ ʢʦʪʦʪʨʦʔ ɘʄʧ ˩ ʪɖ ç ɰʫʜȷ ʄʘè ɘʨʷʜ ʥɖ ɘʦʟʤʦʞ ʥʐ.

ɹ ʨᶦ ʔʜɖʟʤ

ʅ 1841 ɢʦʜʫ ʜʦʢʪʦʨ ɼ ʞ. ɹ ʨᶦ ʔʜ ɖʟ ʕ ʜɖʥʙʫʨɢʘʄʥʦɘʘʧʦʜʥʷʥʐɘʦʧʨʦʄʦ ʞ ɖɘʦʪʥʦʤ ʤʘɢʥ ʪɖʟʤ, ʥʦ
ʧʦʜ ʜʨʫɢɖʤ ʥʘʟɘʘʥɖȷ ʤ ð ç ɢɖʧʥʦʟè. ʊʘʢ ɖʤ ʦʙʨʘʟʦʤ ʄʧʫʄʧʷ 59 ʥ ʪ ʧʦʄʥ ʦʪʢʨ ʪɖʷ ɻ ʁ -
ɖʄʧ ɢʁ ʨʦʤ ɰ̣ ʪɘȷ ʨʪʦɢʦ ʄʧʄʧʦʷʥɖʷ ʄʧʟʥʘʥɖʷ ɖʄʧʪʦʨɖʷ ɢɖʧʥʦʪɖʟʤʘʧʦʥʐɰɖʥʘʥ ʦʞ ɖʜʘʥɖȷ
ʧʨʦʜʦʥʞ ȷ ʥɖȷ. ɼ ʞ ȷ ʔʤʄʧɹ ʨᶦ ʔʜ, ʦ ʜȷ ʷʪȷ ʥ ʥʦʄʧʪɖ ʢʦʪʪʨʦɢʦ ʤʳ ɘʄʢʦʨȷ ʨʘʄʧʄʢʘʞ ȷ ʤ ʧʦʜʨʦʙʥʦ,
ʄʧʄʧʦʷʥɖȷ, ʦʙʦʟʥʘɰ̣ ʥʥʦȷ ɻ ʁ ɖʄʧ ɢʁ ʨʦʤʢʘʢ ç ɖʄʢʫʄʧʨɘȷ ʥʥʦ ɘʳ ʟɘʘʥʥʳ ʔ ʄʧʤʥʘʤʙʫʥɖʟʤè, ʥʘʟɘʘʫ
ʄʧʥʦɘʦʤ ç ɢɖʧʥʦʟè (ɢʨȷ ɰ̣ ʄʢʦȷ hypnos ð ʄʧʥʐ). ʂ ʪʦ-ʪʦ, ɘʦʟʤʦʞ ʥʦ, ʄʢʘʞ ȷ ʪ: ʢʘʢʘʷ, ʄʧʙ ʄʪɘȷ ʥʥʦ,
ʨʘʟʥɖɰʘ ʢʘʢ ȷ ɢʦ ʥʘʟɘʘʪᶦ ? ʅ ȷ ʄʢʘʞ ɖʪȷ. ʀ ʟɘȷ ʄʪʥʦ; ɰʪʦ ʄɖʥʦɘʘɘ ʄʧʟʥʘʥɖɖ ʥ ʜȷ ʔ ʘʧʨɖʦʨʥʦ
ʄʧʷʟʘʥ ʄɖ͞ ʄɖʤ ʄɖʥʦɘʳ ʤʄʧʜȷ ʨʞ ʘʥɖȷ ʤ ʕ ʪʦ ʟʥʘɰɖʪ, ɰʪʦ ʄɖʥʦɘʦ ɖʤȷ ȷ ʪ ʟʘʨʘʥȷ ȷ ʟʘʜʘʥʥʐʁ
ʘʄʧʄʧʦɰɖʘɰɖʁ ʄɖʪȷ ʤ ɰʪʦ ʦʥʦ ʜʦʥʞ ʥʦ ʦʪʨʘʞ ʘʪᶦ. ʅ ʪʪ ɖ ɘ ˩ ʪʦʤ ʄɖʥɰʘ̣ ʦʙʨʘʟʦɘʘʥʦʄʧ ʷʟʳ ʢʦɘʦȷ
ʢʥɖʰ ȷ ð ʄʧʥʐ

ʅ ʄʧ ʙʳ ʥɖɰ̣ ɢʦ, ʦʜʥʘʢʦ ˩ ʪɖʤʥʘʟɘʘʥɖȷ ʤɹ ʨᶦ ʔʜ ʦʢʘʟʘʤʜɘȷ ʞ ɻ ʁ ʫʄʧʐʢʫ, ʥ ɘʦʥ ʥʦ ʦʙʨȷ ʢʘʷ
ɘɖʜȷ ʪᶦ ʪʦʥ ʢʦ ʪʦ, ɰʪʦ ʦʟʥʘɰʘ̣ ʪ ʄʘʤʪȷ ʨʤɖʥç ɢɖʧʥʦʟè. ʆ ʙɘɖʥʷʪᶦ ȷ ɢʦ ʥ ʙʫʜȷ ʤ ʦʥ
ʦ͞ʘʨʘʢ ʪȷ ʨɖʟʦɘʘʪʦ, ɰʪʦ ʫɘɖʜȷ ʥʫʥʘʜȷ ʤʦʥʄʧʨʘɰɖɖ ʫɰ̣ ʥɖʢʘʆ ȷ ʄɖʤ ʨʘ

[illegible]

[illegible]

[illegible] XIX [illegible]

* [illegible] . 09.12.1931.

ɹ ɬsʝ ɯʝ ɑʣɑʃʝ ɑʒɑʦsɕɑ˥˩ əʝ ʕʦəɹ ɮʦɯʝ ɑʣ˕ ʝ -ɑʒʝ ʜɑʃʕɑ˧ fɳʧʘɤʘɑʣɑʃfɳ ɑʣ˕ ʙʳ ɑʒɑʒʝ ɬsʦʜʦɑʒʧʃɤɑʃəʝ fɳʧsɑʃ ʙʦsɑʣ˕ ɑʦsɕʦs ʧʃʝ tɤʝ ʜ ʦʦʃʝ tɤʘɯɑʃʝ ʔ ə ʙʝ fɳɳʧsʟɑʣʘɬsʝ ɑʣ˕ ɑʦsʝ fɳʧsfɳɬsʦʷɑʣʃʝ . ɹ tɤʘɯɑʃ ʧʃʦsʣ˕ ʟʦsəʘɑʣɑʃfɳ ʦstʃɑʃʝ ɑʒ ɑʒʘɑʦʜtɤʘɑʦʦɬsʦʦʦʔ, ʙʦsɑʣɑʃɕʦsɑʦsəʦsɑʒ ɯɑʃʕʟɬsʦʦʔ, ɑʃɑʦʜɑʃʔ fɳʕʦʔ ʕʦsɑʦstʃ ɑʝʔ ɑʃɑʣɑʃ ʘɑʣʕʦsɑʦʝ ʃ ɑʦsɕʦs tɤʘʟ ʧʃʦɑʃɑʒʝ ɑʝɑʣɑʃʝ ˩ɬsɑʃ˥ ɑʣʘɤʕʦsʝ ʦɬsɑʃʕʦəʧʃʦɑʃəʦsʜɑʃɑʦs ʕ ɬsʷɤʝ ʝ ɑʣ˕ ɑʒʦsfɯɑʦsɤʝ ɑʝɑʣʷɑʒ ʜʘɤʝ ʝ ʕ fɯɑʒʝ tɤɬsɑʃ. ɹ ɑʣʘɯʘɑʝ XIX əʝ ʕʘ ʷʷ tɤʘɑʦʟʟfɳʕɑʃʔ ˥ɑʃtɤɬztɤɕɹ ɹ ʘɤʜtɤɬsʧ ɑʣʘɯʘɑʦʧʃtɤɑʃɑʒʝ ɑʣʷɬsˢ ʜɑʣʷ ɯʝ ɑʝʔ tsʙʝ ʟʙtsɑʣəʘɑʣʕʷ tsʙɑʃɑʣ˕ ɑʣ˕ ʝ ʕtɤɬsəʦsʧʃʟfɳʕʘɑʣʕʷ. ʊ tsʜɑʣʔ ɤʝ ʝ ɑʣ˕ ɑʃɑʣ˕ , ʕtsɬsɬstɤɬsʔ ɑʝʕtsʙ˥tsʜɑʃɑʒɬs ʙʳ ɑʦs ɬzʜʘɑʣʕɬsˢ tstʃɬz˥tsɑʣ˕ ɑʦsʙɑʣ˕ ˥ ʕtsfɳɬsʝ ʔ, tsɑʣɑʦɤɑʃfɳʕɑʣʕɑʣəʳ ʧʃɬzfɳɬsʃɑʃɬsˢ tsʕtsɑʦs ɑʣʃɬstɤʘʕtɤɬsəʃɑ. ɬ ʘfɳɬsɬzʧʃɑʃɑʦs tsʙɑʒɬstɤɬsʊʃɑʦsʝ fɳʧsfɳɬsʷɑʣʃʝ , əɬsfɳʧtsɑʣ˕ ʟtsəʘəʰ ɑʃfɳ ʕtsɬstsɤˣ ɑʒʧʃtɤʝ ʜtɤɑʃɑʃɑʒʊʃɑəʳ ʔ ɑʒʝ ʜɑʃʕ ʧʃtɤɑʃʟəʝ ɑʣtsʜɬz, ʊʃɬsts fɳʧsɑʣʜʘɬsʳ , ʧʃtsɬsʝ tɤʷəʰ ɑʃʝ ɑʒɑʦsɕʦs ʕtɤɬsəɑʃ, ɑʝɕʔʊʝ ʧʃʝ tɤʝ ɑʦsfɳʸɬs tstʃʝ tɤʘɬsɑʃəɑʦsʝ əɑʒʝʰ ʘɬsʝ ɑʣ˕ fɳʧsɤɬsʝ əʳ ʟʜtstɤʘəɑʣɑʃəʘʸ ɬs. ʊɬs ɤʝ ʝ fɳʘɑʣʒɬsʝ ʧʃtsʕʘʟʘɑʣɕɑʣʘəɑʣ˕ ʔ ˥ɑʃtɤɬztɤɕʘɑɑʒɑʃɑʃ ɹ ʘʧʃtsɑʝtsɑʣʘʙʘɑʦsɑʣʕ tstɤəɑʃʟɬsʦʃʝ tɤʘɬsɑʃəɑʦsʝ ʘɑʒʝʰ ʘɬsʝ ɑʣ˕ fɳʧsɤɬsʝ əʳ ʟʜtstɤʘəʝ ʝ ɑʣʃɬstɤʘʜ

GR M

dʒ нɑʃuɑʃdzfʃtsɑ̃ts ʷ GʃlzdzlsjlsOɸ dz ʷtɐj н нlzɑʃfnɸtɐɑdʒOdzʃ Oɪɑɑʃ˙j dzтʃts (1795ð 1867) ə 1839 ɑ̃tsнlz тʃlzвdzɑʃuɑɪs LOʸəɑʃdz, uʃsts çlzfnʃstɐOdjɑdzʃj вtsdzʃ тʃtɐʃ tstʃjtɐOuɑʃʷ ð ɔɑʃdʒjtɐO, ts ʃtslststɐts?
djɸтʃtsLətsdzʃlsjdzdzɪs нOɪj нlzdʒGʃsᴵ ; tɐjɪlzʰ ɑʃ? ɑʃdzfʃstɐzdʒjdzɪs ɑʃ вtsdz ð нəOтʃtsdzʷlsɑʃʷ, djɸtslsнjdzɑʃdʒ j нtɐzɢtslsнtɐzgO ʉ нjdzGʃsᴵ tstʃjtɐOuɑʃᵏ вj LвtsdjɸLdjɸdzɪdzɪs? ð ɻlsts dʒjuʃsO, ʃtslststɐOʷ dzɪʃtsɑ̃нOdjɸ tsfnjzʰ j fnʃsəɑʃlsfnʸè. ɻ tɐts?нjlsətɐjdʒʷ, ɑʃ 27 ʷjətɐOdzʷ I860 ɑ̃tsнOtsdzəʳ fnʃslzтʃɑʃlsə ɻ Oɪɑɑʃɪɑʃ fnʃtsʃ? dʒjнɑʃuɑʃdzfʃtsʃ? GʃlOнjdʒʃɑʃ ɑʃ tɐjнfnʃsO⊐ɑʃlsɑʃLʳ fnʃGdzɪʃʷ ɹ tɐᴵ ʃ?нOʃlOʃ tslsʃtɐʳ lsɑʃj. ɻ tɐɑʃdʒjuʃsjdz dzɪs, uʃsts GʃlOнjdʒʃɑʃʃGʃdʒнOɪj ə ɑ̃tsdzɪsəlz djɸ тʃtɐɑʃʰ dzɪs, uʃsts тʃjtɐjн dzɪɑʃdʒʃ fnʃjdzɪdzɪɑʃəʰ ɑʃ? dzɪOlədzɪɑʃj ɑʃ tsfnjzɪɻнjdzɪdz ʃ? ɑʃdʒʃ əfnj lstslsɻj ɻ ɑʃətslsdz ʃ? dʒOɑ̃djɸlsɑʃLdʒ l GlzʃlOts ɢɑʃтʃdzɪslsɑʃLdʒj, вdzɪdɑ̃tsнOɪɐʷ lstsdʒjz uʃsts вʳ dzɪO lzтʃGʃtsəOdzɪOə ʷɑʃLɑʃtsdzɪsɢɑʃujfnʃlzᵏ lsjtstɐɑʃᵏ, ədjɸLOʃdzɪs тʃtɐjнfnʃsOdzɪOтʃjtɐjн GʃlOнjdʒʃɑʃʃGʃdʒʃə fnʃtsəjtɐʰ jdzɪdzɪs dzɪsətsdʒəɑʃнj: тʃtɐtsfnʃjlsdjɸdzɪdzɪs?, тʃtɐjtsвtɐOɻjdzɪdzɪs? ɑʃ dʒOdzʷʰ j ʃ? ʃtfnjвj ɑʃLʷʰ dzɪs? lstsuɪdzɪsfnʃsᴵ ᵏ LOdzɪsəts тʃtsfnʃsO⊐djɸdzɪdz ⊐ ɑʃ LGɪəOʃsʳ əO ʰ ɑʃ⊐ тʃtɐtsвdjɸdʒ

ʊtsdzʃtsтʃtsfnʃdjɸlzəjнtsdʒdjɸdzɪɑʃʷ GʃlOнjdʒʃɑʃ ɑʃLəjfnʃsdz dʒɪ⊐ɑʃtɐzɪtɐɑ̃tsdʒʃçdzɪsʃj tsв tstʃjtɐOuɑʃɑʃ tɐGʃlOɑ̃tɐzнdzɪsʃ? ɻjdjɸLʳ, ʃtslststɐzᵏ tsdzɪтʃtɐtsəjdz64-djɸlsdjɸʃ? тʃOɪɑɑʃɻOdlʃj ə 1829 ɑ̃tsнlz, ts uʃjdʒdʒʳ əʳ ʰ j тʃtsнtɐtsвdzɪs tɐGfnʃsOᴵ əOdzɪɑʃ, dzɪlzuʃdz ʃ? dʒʃtɐ, ɑʃ ə uʃOfnʃsdzɪsfnʃsɑʃ Odzɑʃdzɪɑʃʃ? fnʃɑʃj lzuʃjdz j, tsвtɐOʃsɑʃdzədzɪɑʃdʒOdzɪɑʃj dzɪO OdjɸfnʃsjLɑʃᵏ, əʳ LəOdzɪdzɪzᵏ ɻjɑʃətslsdz dʒdʒOɑ̃djɸlsɑʃLdʒtsdʒɑʃ ə ɻlsts? fnʃʷLɑʃ dzɪOfnʃOdzɪs ʷədjɸdzɪɑʃj. ʂ GʃlOʳ тʃtsdʒdzɪɑʃdʒ, тʃOuɑʃj dzɪsʃtʃOʂ dzɪsʃtʃj ə тʃtɐtsнtsdzɻjdzɪɑʃj əfnj? tstʃjtɐOuɑʃɑʃ fnʃ⊐tɐOdzʷdzOfnʃtsfnʃsвdzɪsfnʃsᴵ tɐOLɑ̃tsəOɑɑʃəOʃsᴵ fnʃtsʃtɐdzɻOʸ ʰ ɑʃdʒʃɑʃ ʳ ʃtOLʳ əOdzOтʃtsdzɪdzᵏ вj fnʃuʃəfnʃsəjdzɪsfnʃsᴵ ʃ вtsdzɪɑʃ, tsвdzɪOɪdzɻɑʃə əтʃtsfnʃdjɸнfnʃsəɑʃɑʃ fnʃsəjtɐʰ jdzɪdjɸʃ?ʰ jj tslsfnʃzlsfnʃsəɑʃj əfnʃʸʃtsɑ̃tsətsfnʃjtsdʒɑʃdzɪOdzɪʷ ts lstsdʒ uʃsts тʃtɐtsɑʃfnʃ⊐tsнɑʃdzɪs əts ətɐjdʒʷ tstʃjtɐOuɑʃɑʃ. ʃ lsts вʳ dzɪs dzɪfnʃstsdzʃʃtsɻjdjɸəjtɐtsʷlsdzɪs, dzɪfnʃstsdzʃʃtsтʃtɐtslsɑʃətstɐjuʃɑʃdzɪs fnʃdzɪsɻɑʃəʰ ɑʃdʒfnʃʸ ə dʒjнɑʃuʃɑʃdjɸ dzɪOтʃtɐtslsʷɻjdzɪɑʃɑʃəjʃtsə тʃtɐjнfnʃsOdjɸdzɪɑʃʷdʒ

ʏjtɐjL 13 djɸlsтʃtsfnʃdjɸ tstʃjtɐOuɑʃɑʃ ʂ dzɪsʃj ə ɸ dzɪɑ̃dzɪɑʃɑʃ вʳ dzɪs тʃtɐtsɑʃLəjнjdzɪs нəj OdzɪOdzɪsgɑ̃ʃuʃdzɪ j tstʃjtɐOuɑʃɑʃ: tsнdzɪOə l tslslsɑʃdzɪɑ̃jdʒʰ ɑʃtɐjɪ, нtɐzgOʸ ð ə ʃ j ʃ?fnʃsjtɐʰ ɑʃtɐjɪ, fnʃtstsвʰ Gjlsɑʃ LəjfnʃsdzɪʃʔOdzɪɑ̃dzɪɑʃʃ? fnʃɑʃ? ʷɑʃLɑʃtsdzɪsɢ ɹ. ɹ. ʂ Oɪɑɑʃjdzɪsjtɕ (ʂ Oɪɑɑʃjdzɪsjtɕ, 1878, fnj 17). ɹ lststɐtsj ⊐ɑʃtɐzɪtɐɑ̃ʃuʃfnʃtsj əɑʃjʰ Olsjdz fnʃsətslzfnʃjʰ dzɪs tsfnjzʰ j fnʃsəɑʃdzə 1842 ɑ̃tsнlz ɹ Oɪɑɐн (Ward), OɪdʒʃlzlsɑʃtɐtsəO⊐ʰ ɑʃ? ɑ̃tsdzɪjdz 42-djɸlsdjɸ-ʃ lz dʒlzɻuʃdjɸ, LOɑ̃ʃɑʃdzɪslsɑʃLɑʃtɐtsəOɪdzɪdzɪsdʒz ʊtsʷOɪdʒsdʒ ʊtɐjɪlsᴵ j ⊐ɑʃtɐzɪtɕ-

ʄ ʠ꞊ʘʠʃʣʐʐ ʇʦʡʬʬʝʪ

ʛʠʃʯʝ ʩʄʦʝ ɘʤʝ ʰ ʘʪʝʣ ʩʪɘʦ ʐʩʧʝ ʰ ʣʦ ʦʩʐ ʰ ʝ ʩʪɘʠʃʣʐɘ 1845ð
1846 ʛʦʜʘ꞊ ʃ ʦʠʟʝʣʐ(Loysel) ʠʟ ʐ ʝʨʙʐʨʛʘ, ʘʤʧʃʐʪʠʃʨʦɘʘɘ ʰ ʠʡ ɘʦʩʝʤʣʘʜʯʘʪʠʃʤʪʤʤʐ ʶ ʣʦ ʰ ʝ
ʛʦʤʣ ʠ ɘ ʳ ʣʐ ʰ ʠɘ ʰ ʠʡ ʧʘʢʝʪ ʧʦʨʘʞʝʣ ꞊ ʪʐʙʝʨʢʐʤʟʦʤ ʰ ʝʡʣ ꞊ ʞʝʤʟ, ʠʟ ʢʦʪʦʦʨ ꞊
ʤʢʦʪʦʦʨ ʝ ʠʤʣʃ ɘʝʣʃʯʠʃʣʐ ʢʐʨʠʃʣʛʦ ʬʡʯʘ ʕ ʪʠʃʤʞʝ ɘʨʘʯʦʤɘ
1847 ʛʦʜʐ ʧʨʦʠʟɘʝʜʝʣʘʠʜʝʣʪʠʃʯʣʘ ʦʧʝʨʘʯʠ ʜʨʣʐʛʦʤʐ 30-ʤʪʤʤʐ ʙʦʣ ʣʦʤʐ (Loysel, 1846).
ʏ ʝʪɘʝʨʦʦʝ ꞊ʠʨʣʐʨʛʠʃʯʝ ʩʄʦʝ ɘʤʝ ʰ ʘʪʝʣ ʩʪɘʦ ð ʘʤʧʃʐʪʘʯʠ ʛʦʤʣʃ ɘ 1845 ʛʦʜʐ
ɘʦʩʝʤʣʘʜʯʘʪʠʃʤʪʤʤʐ ʶ ʣʦ ʰ ʝ ð ʧʨʦʠʟɘʝʣʐʊʘʣʦʣʐ(ɸ ʣʛʣʃ). ʅ ʪʦʤʞʝ ʛʦʜʐ ʘʤʧʃʐʪʘʯʠ ʧʤʯʘ
ɘ ʳ ʧʦʣʣʃʣʐʃ ʸ ʣʃ, ʘʘʤʧʃʐʪʘʯʠ ʛʦʤʣʃ Toswell, ʙʝʜʨʦ ʐ ʜʝɘʐ ʰ ʢʠ ʘʤʧʃʐʪʠʃʨʦɘʘʣʐʃ ʶ ʨʘʣʐ ʀ
ʣʘʢʦʤʯ, ɘ 1850 ʛʦʜʐ ʦʧʝʨʘʯʠ ʣʘʤʘʪʢʝ ʧʨʦʠʟɘʝʣʐʧʨʦʬʝʩʩʦʨ ʌ ʘʡ ʠʟ ʉ ʪʦʢʛʦʣ ʤʘ.
ʅ 1842 ʛʦʜʐ ʠʟɘʝʩʪʣ ʡ ɘʨʘʯ ʠ ʣʃʪʝʨʘʪʦʨ ʩʝʨ ʞ ʦʣʌ ʦʨʙ (John Forbes, 1787ð 1858) ʩʦʦʙ ʰ ʠʣʐɘ
ʤʝ ʜʠʯʠʣʩʦʤʙʦʟʨʝ ʣʃʠ (çBritish and foreign medical Reviewè) ʦʙ ʦʜʣʦʡ ʦʧʝʨʘʯʠʠ,
ɘ ʳ ʧʦʣʣʤ ʣʣʦʡ ʩʧʦʤʦ ʰ ʞ ʠɘʦʪʣʦʛʦ ʤʘʛʤʪʠʟʤʘ. ʅ ʩʪʘʪʝ ʦʣɘ ʳ ʨʘʞ ʘʣʙʦʣ ʰ ʠʝ ʩʦʤʤʤʣʃʬ ɘ
ʪʦʤ ʯʪʦ ʙʦʣ ʣʦʡ ʤ ʯʐɘʩʪɘʦɘʘʣʙʦʣʃ. ʌ ʦʨʙʐ ʜʦɘʝʨʬʣʃ, ʠ ʝʛʦ ʩʄʝ ʧʩʠʩʧʨʦʠʟɘʝʣɘʧʝ ʯʘʪʤʣʃʝ
ʣʘʦʙ ʰ ʝʩʪɘʝʣʣʦʝ ʤʤʣʃʝ. ʄ ʦʛʣʦ ʣʃ ʙ ʳ ʪ ʠʣʘʯʝ: ʩʪʝʧʝʣ ʜʦʢʪʦʨʘʤʝʜʠʯʠʣʣ ʌ ʦʨʙ ʧʦʣʐʯʠʣʐɘ
1817 ʛʦʜʐ; ʧʝʨɘ ʳ ʤɘɘʝʣʐɘ ʧʨʘʢʪʠʢʐ ʘʐʩʢʐʣ ʪʘʯʠ ʶ , ʨʘʟʨʘʙʦʪʘʣʣʐ ʶ ʃ ʘ ʣʤʢʦʤ ɘ 1821 ʛʦʜʐ; ɘ
1830 ʛʦʜʐ ʩʪʘʣʐʤʡʙ-ʤʝ ʜʠʢʦʤʛʝʨʯʦʛʘʨ ʝʤʙʨʠʜʞ ʩʄʦʛʦ, ʘɘ 1840 ʛʦʜʐ ð ʧʨʠʣʐʘɸ ʣʙʝʨʪʘ.
ʅ ʝɘʟʠʨʘ ʬ ʣʘʤʤʣʃʝ ʌ ʦʨʙʘʐ ʶ ʧʦʪ ɘ ʅ ʝʣʢʦʙʨʠʪʘʣʃʠ ʦʙ ʬɘʠʣʃʩ ʝʜʠʣʦʤ ʰ ʤʣʣʃʢʠ,
ɘʝʨʠɘ ʰ ʠʝ ɘ ʞ ʠɘʦʪʣ ʡ ʤʘʛʤʪʠʟ ʃ ʜʣʃʤʠʟ ʣʣ꞊ ʩʪʘʣʐʙ ʞ ʦʣʢ ʣʣʠʦʪʩʦʣ(1791ð 1868). ɸ
ʧʨʦʠʟʦ ʰ ʣʦ ʪʦʦ ʪʘʢ. 17 ʠʶ ʣʬ 1837 ʛʦʜʘʌ ʨʘʣʘʟʐʟʩʄʘʬ ʘʢʘʜʝʤʠʬ, ʤʳ ʦʙ ʪʦʤʛʦɘʦʨʠʣʃʯ ɘ ʳ ʰ ʝ,
ʧʦʩʪʤ ʧʬʪʠʤʪʤʣʃ꞊ ʨʘʟʙʠʨʘʪʝ ʩʪɘ ʦʪʢʘʟʘʣʘʞ ʠɘʦʪʣʣʦʤʐ ʤʘʛʤʪʠʪʟʤʐ ɘ ʧʨʠʟʘʣʘʣʠ. ʃ ʜʠʣʐʠʟ
ʩʪʦʣʧʦɘ ʤʘʛʤʪʠʟʤʘʍ ʘʣʜʝ ʉ ʝʣʦʡ, ʙʘʨʦʣʐʕ ʶ ʧʦʪ, ʐʯʝʣʃʢ ʘʙʙʘʪʘʌ ʘʨʠʘ, ʧʦɘʝʨʞ ʝʣ, ʦʪʣʐ ʤʤ
ʜɘʝʨʠ ʧʘʨʠʞ ʩʄʠ꞊ ʙʦʣ ʣʃʯ ʧʝʨʝʜ ʣʃʠʤʟʘʢʨʝ ʪʳ . ʅ ʠʶ ʤʤ 1837 ʛʦʜʘʕ ʶ ʧʦʪ ʐʝʟʞ ʘʝ ʪɘ ʃ ʦʣʠʦʣʐ
ʛʜʝ ɘ ʪʝ ʯʝ ʣʃʝ 20 ʤʝ ʩʬʯʝ ɘ ʧʨʦɘʦʜʠʪʜʝ ʤʦʣʐʩʪʝʘʪʠɘʣʐ ʝ ʩʝʘʣʐʩʢ ʤʘʛʤʪʠʟʘʯʠʠ. ʅ ʘʪʠ꞊-ʪʦ
ʩʝʘʣʐʩʘ꞊ ʧʦʙ ɘʘʣʐʧʨʦʬʝʩʩʦʨ ʞ ʦʣʕ ʣʣʠʦʪʩʦʣ, ʠʟɘʝʩʪʣ ʡ ꞊ʠʨʣʐʨʛ ʠ ɘʨʘʯ ʠʟ ʙʦʣ ʣʃʯ ʧʨʝʠ
ʐʣʃɘʝʨʩʠʪʝʪʩʢʦʛʦ ʢʦʣʣʝʜʞʝ, ʯʤʝʣʐʃ ʦʣʐʦʣʩʢʦʛʦ ʢʦʨʦʣʝɘʩʢʦʛʦ ʤʝʜʠʯʠʣʩʢʦʛʦ ʠ ꞊ʠʨʣʐʨʛʠʯʝʩʢʦʛʦ
ʦʙ ʰ ʝʩʪɘ.

ɼ ʞ ʝ ʡ ʤʩŋʕ ʩɲʜʝ ʡ ʣ(Esdail), ʩɟ ʣʰ ʦʪʣʘʣʜʩʃ ʦɢʦ ʩɕʷʱ ʝ ʣʣɭʕʘʩʧ ʩʃʨʦʤʣ ʤɖ ʜʦ͞ʦʜʘʤɖ, ʣʦ ɘʳ ʩʧʕʦʡ ʕɮʣ ʪɮʨʦʡ, ʨʦʜɖʣʩʷ ɘ 1808 ɢʦʜɮ ɘ Pegth. ɼ ʣʷ ʤʦʣʦʜʦɢʦ ʕ ʩɲʜʝ ʡ ʣʘʤʝ ʜɖʯɖʣʘʤʦɢʣʘʧʨʦʣʦʞ ɖʪ ʜʦʨʦɢɮ ʕ ʤʘʪʝ ʨɖʘʣ ʣʦʤʣ ʙʣʘɢʦʧʦʣʣʯɖ, ʘɮʜʦʙʣʦ ʨʘʩʧʦʣʦʞ ʝ ʣʣ ʡ ɘʙʣɭɖ ʦʪʝɢʦ ʜʦʤʘ ʕ ʜɖʣʙɮʨɢʩʃɖʡ ɮʣɭɘʝ ʨʩɖʪʝʪ ʤʦɢ ʜʘʪ ʣʣʞ ʣʦʝ ʦʙʨʘʟʦɘʘʣɭʝ. ʊʘʕ ʯʪʦ ʩŋɘʳ ʙʦʨʦʤʧʨʦʬ ʝ ʩɟɖ ʜʦʣɢʦ ʨʘʟʤʳ ʰ ʣʷʪ ʣʝ ʧʨɖʰ ʣʦʩɟ.

ɼ -ʨ ʕ ʩɲʜʝ ʡ ʣ, ʩʧʩʪʦʷɘʰ ɖʡ ʣʘʩɟʣʞ ʙʝ ɘ ʆ ʩʪ-ʀ ʣʜʩʃʦʡ ʕʦʤʧʘʣɭɖ, ʨʘʙʦʪʘʣɘ ʂ ʘʣ ʕɮʪʪʝ ɢʦʩʧɖʪʘʣ ʣ ʤ͞ɖʨʣʨɢʦʤ ɺ 1846 ɢʦʜɮ ʦʣʦʧɖʩʘʣ, ʕʘʕ ʩŋʧʦʤʦʱ ɹ ʀ ʞ ɖɘʦʪʣʦɢʦ ʤʘɢʣʝ ʪɖʟʤʘʝ ʣʤɮ ɮʜʘʣʦʩɟ ɻʬ ʝ ʕʪɖɘʣʦ ʘʣʝ ʩʪʝ ʟɖʨʦɘʘʪ ʙʦʣ ʣ ͞ ɘ 261 ʦʧʝ ʨʘʯɖɖ, ʧʨʦɘʝ ʜʝ ʣʣʦʡ ɖʤɘ ɢʦʩʧɖʪʘʣʷ͞ ʌɮɢʣɭ (Hooghly) ɖ ʂ ʘʣ ʕɮʪʪʩʃʦʤ ɨ ʨɖʯ ʤ200 ɖʟ ʣɭ͞ ʕʘʩʘʣɭʩɟ ɮʜʘʣʝ ʣɭʷ ʙʦʣʰ ɖ͞ ʦʧɮ͞ʦʣʝ ʡ, ɘʝ ʩʧʦʤʆ ʪ ʯʪ ʨʝ͞ ʜʦ ʧʷʪɖ ʕɖʣʦɢʨʘʤʤʦɘ, ɖ ɮʜʘʣʝ ʣɭʷ ʤʦʰ ʦʣʃɖ. ʅ ʘʜʦ ʩʃʘʟʘʪ, ʯʪʦ ʕ ʩɲʜʝ ʡ ʣʩʘʤ ʣʝ ɢɖʧʣʦʪɖʟɖʨʦɘʘʣ, ʦʣʧʨɖʙʝ ɢʘʣʕ ʧʦʤʦʱ ɖ ɖʣʜɮʩʧɘ, ʨʘʙʦʪʘʰ ɖ͞ ʝ ɢʦ ʧʦʤʦʱ ʣɭʕʘʤɖ ɘ ɢʦʩʧɖʪʘʣʝ ʌɮɢʣɭ.

ɺ ɢʦʩʧɖʪʘʣʝ ç The subscripsion Hospitalè ʦʣʪʘʕʞ ʝ ʧʨʦɖʟɘʝ ʣ84 ʦʧʝ ʨʘʯɖɖ. ʂ ʨʦʤʝ ʧʝ ʨʝ ʯɖʩʣʝ ʣʣ ͞ 345 ʦʧʝ ʨʘʯɖʡ ʦʣɘʳ ʧʦʣʣɭɖʣʟʣʘʯɖʪʝ ʣ ʣʦʝ ʕʦʣɖʯ ʩʪɘʦ ʤʝ ʣʝ ʝ ʪʷʞ ʝ ʣ ͞: ɮʜʘʣʝ ʣɭɖʝ ʟɮʙʦɘ, ʧʨɖʞ ɖɢʘʣɭɖʝ ʷʟɘ ʩŋʧʦʤʦʱ ɹ ʀ ʘʟʦʪʣʦʡ ʕɖʩʣʦʪʳ, ɘʩʃʨʳ ʪɖʝ ʘʙʩŋʯ ʩʧɘ ɖ ʪ. ʜ. ʀ ʟ 261 ʦʧʝ ʨʘʯɖɖ 14 ʟʘʕʦʣʯɖʣɖʩɟ ʣʝ ʪʘʣ ʣ ʤɖʩ͞ʦʜʦʤ ʧʨɖʯ ʤʣɭ ʦʜʣʘɖʟ ʣɭ͞ ʣʝ ʙʳ ʣʘ ʦʙɮʩʣʦɘʣʝ ʣʘʩɟʘʤʦʡ ʦʧʝ ʨʘʯɖʝ ʡ (Esdail, 1846).

ɺ ʪʝ ʯʝ ʣɭɖʝ ʰ ʝ ʩʪɖ ʣʝ ʪ ʕ ʩɲʜʝ ʡ ʣʧʨʦɖʟɘʝ ʣʙʦʣʝ ʝ 600 ʙʦʣʰ ɖ͞ ͞ɖʨʣʨɢɖʯ ʩʃɖ͞ ʦʧʝ ʨʘʯɖʡ, ʯʘʩʪʳ ɖʟ ʕʦʪʦʨʳ ͞ ʙʳ ʣʘʧʨʦɖʟɘʝ ʜʝ ʣʘʣʘʜ ʪɮʟʝ ʤʯʘʤɖ ɘ ʤʘɢʣʝ ʪɖʯ ʩʃʦʤʩʣʝ (ʯɖʪ. ʧʦ: ɹ ʨʦʜʦɘʩʃɖʡ, 1888).

ɺ ʦʜʣʦʤɖʟ ʦʪʯʪʦɘ ʕ ʩɲʜʝ ʡ ʣʘʦʙ ɮʜʘʣʝ ʣɭɖɖ ʦʧɮ͞ʦʣɖ ɘ ʣʦʩʪ ʦʧɖʩʘʣʘʦʧʝ ʨʘʯɖʷ: ç ʧʨʦʪʕʣʣʣ ʜʣɖʣʣ ʤʣʦʞ ʦʤʕʦʞ ɮ ʦʕʦʣʦ ɘʣʪʝ ʣʝ ɢʦ ɮɢʦʃʘɢʣʘʟʘ, ʦʪʜʝ ʣɖʣʰ ʝ ʕɖ ʦʪ ʣʦʩʘ. ʕ ʪʦ ɘʳ ʟɘʘʣʦ ʦʙɖʣ ʣʦʝ ɖʟʣɖʷʣɭɖʝ ʕʨʦɘɖ ɖ ʤʦʟɢʦʧʦʜʦʙʣʦɢʦ ɘʝ ʰ ʝ ʩʪɘʘ. ɺ ʩɟ ɻ ʪʦ ɘʨʝ ʤʷ ʧʘʯɖʝ ʣʪ ʦʩʪʘɘʘʣʩʷ "ʤʝ ʩʤʝ ʨɖʟʦɘʘʣʣ ʤ" ɖ, ʦʯʣʣɘʰ ɖʩɟ ʧʦʩʣʝ ʦʧʝ ʨʘʯɖɖ, ʟʘʷɘɖʣ, ʯʪʦ ʣɭɖʯ ɢʦ ʣʝ ʯɮɘʪʘɘʦʘʣè (Esdail, 1846).

ʂ ʘʣ ʕɮʪʪʩʃɖʡ ç Medical Journalè, ʦʩɕʝ ʱ ʘʷ ʦʧʝ ʨʘʯɖɖ ʕ ʩɲʜʝ ʡ ʣʘ, ʣʘʟʳ ɘʘʣʝ ɢʦ ʧʘʯɖʝ ʣʪʦɘ çʰ ʘʡʕʦʡ ʟʘʕʦʨʝ ʣʝ ʣ ͞ ɖ ɮʧʦʨʣ ͞ ʦʙʤʘʣ ɖʕʦɘè. ɺ ʷʣɘʘʨʝ 1846 ɢʦʜʘʕ ʩɲʜʝ ʡ ʣʜʦʣʦʞ ɖʣʂ ʘʣ ʕɮʪʪʩʃʦʤʣ ʤʝ ʜɖʯɖʣʩʃʦʤʣ ʜʝ ʧʘʨʪʘʤʝ ʣʪɮ ʦ ʨʝ ʟɮʣ ʪʘʪʘ͞ 75 ʦʧʝ ʨʘʯɖʡ ɖ ʧʨʝ ʜʣʦʞ ɖʣʧʨʦʜʝ ʤʦʣʩʪɖʨʦɘʘʪʳ, ʕʘʕ ʩŋʧʦʤʦʱ ɹ ʀ ʞ ɖɘʦʪʣʦ-

fmjstœtsSɬ ʟlzʙtsɔ lz tœƟlɖz ⊐ tʃƟuɋʃ dʑstsɔ. ʃ ʜdʑSɬts ɔ ɻ j dʑɋSɬtsʙtœʃlsƟdʑɋʃ ɋdʑdʑsj tɕj fnʃɬ fmjstscdʒƟstscdʑsgɑɋʃuj fmʃtscdʒz tʃtœɋdʒj dʑɸdʑɋᵡ gɑɋʃtʃdʑsʟƟtsʞ ɋɔɋdɑfnʸ lstscdzSɬts ɔ XX fmjstscdɸlsɋɋ*.

ɻ tœtsʰ dʑs ʋjlsʳ tɕj gɑtsʜƟfnɟdʒtscdʒj dʑsƟtstʃlzʙdʑɋSɬtsɔƟdʑɋʷ fnɟtœtscdʒ[ʞ . ʌ tstœʙtscdʒj gɑts fnSj tʃlsɋʋjfnSɬts? fmjsƟsᵍ ɋ. ɻ 1846 gɑtsʜlz tʃtsʜ lsʷʞ j fmjsᵍᵡ ᵂƟSɬstsɔ tscdzʃtœɋʟdʑƟdzʞ ɋɔtslscdz ʔ dʒƟgɑdɸlsɋʟdʒɋ tʃtœɋʟɔƟdzʰ ɋtœtsSɬts ɋfnʃtscdz ʟtsɔƟsᵍ ɬ lstsgɑts tœtsʜƟƟdɸfmjsj ʟɋᵡ ɔ ⊐ɋtœdztœgɑɋɋ. ɭ ts j ʜɔƟfmjsƟsᵍʷ tʃtsʷɔɋdʑƟfnj, SƟS ɔ ɸ dʒj tœɋSj ʙr dʑƟtʃtœtsɋʟɔj ʜj dʑƟtʃj tɕɔƟʸ Ɵdɸfmjsj ʟɋʷ ɬᵂƟtœtscʒ Sɬsts tʃtœtsɋʟtsʰ dʑs 16 tsSɬsʷʙtɕʷ**, ɔ ɸ dʑɑdʑɋᵡ dʑsɔtsfmjsᵍ ʜtsʰ dʑƟ17 ʜj SƟʙtɕʷ. ʃ ʙ tslsɬtɕʳ lsɋɋ ʙr dʑs tstʃtɔj ʰ j dʑs 18 ʜj SƟʙtɕʷ ɔ çMedical Gazetteè ɔ fmjsƟsᵍ j, tsʟƟgƟdʑƟɔdɸdʑdʑsʔ çɬ Ɵʟɔj dʑɭƟdzʑ ʔ ʞ ɋɔtslscdz ʔ dʒƟgƟdɸlsɋʟdʒè. ɭ ƟʟɔƟdzʃj ɋdʑstœɋgtsɔƟdzs, dʑs fmjsʜj tɕʞ Ɵdzʃj fmjsƟsᵍ ɋ dʑʃSɬtsgɬts ɋ dʑʃʋjgɬts dɸ tœƟʟɔj dʑɭɋɔƟdzs.

ɭ Ɵfnjɸjʜlzᵡ ʰ ɋʔ ʜj dʑ ɋʟɔj fmjsdz ʔ ƟdzgƟdzʔ fnSɋʔ ⊐ɋtœdztœgɑ, tsfmjsʙj dʑdzs tʃtœtsfnjdzɔɋɔʰ ɋʔ fnʸ SƟS ɔʳ ʜƟᵍ ʰ ɋʔ fnʸ fmjʃj ʋɋƟdzʃfmjs tʃts tstʃj tœƟuɋʷ dzSƟdzɸfnj ʋj dʑʃʷ, ɾ ʞ tsLj ᵂ t tsʙj tœls ʃ ɋfmjstscdz(Liston, 1794ð 1847) ɔtʃj tɕɔʳ j ɔ ɻ j dʑɋSɬtsʙtœɋlsƟdʑɋʃ tʃtœtsɋʟɔj dztstʃj tœƟuɋᵡ fnjʃtscdzsʰ ɹᵡ ᵂɬᵂ ɋtœƟ ɭ Ɵʜts fnSƟʟƟlsᵍ, ʋjlsts Ɵɔlststœɋlsj ls ʃ ɋfmjstscdzƟɔ ⊐ɋtœdztœgɑɋʋjɋfnSɬtsʔ tsʙdʑɋfmjsɋ ʙr dzdɸtʃtɕj tɕj SƟj dzɜ ɻ tsfnjdʑɋɔʰ ɋfnʃ ɔ ʃ tscdzʷtscdɸ fnj 1817 gɑtsʜƟ) ʃ ɋfmjstscdzʷuɋlsƟdzdɸSɬuɋɋ tʃts ƟdʑƟlstscdzɋɋ ɋ ⊐ɋtœdztœgɑɋɋ, ʟƟsj dzʃtœtsᵂj fnjtjstœfmjɔtsƟdzɔ SɬʜɋdʑʃlzœtœgɑfnSɬtscdzʃlzdʑdɸɔj tœfnjɋlsj lsj, Ɵɔ 1834 gɑtsʜlz fnjdzsɔƟɔj tœdʑzdzfnʸ ɔ ʃ tscdzʷtscdzʷʜdzʔ tœzSɬtsɔtsʜfmjsɔƟ ⊐ɋtœdztœgɑɋʋjfnSɬtsʔ SɬdzɋdʑɋSɬtsʔ. ʃ dzʃtʃj ʋɋƟsƟdʑfnʸ ɔ ʞ lztœdƟdɸj çLancetè, Ɵɔ * ɻ 1938 gɑtsʜlz Sɬtɕɋ ɻ lzSɬɋ, tʃtœƟSɬlsɋSɬlzʳ ʰ ɋʔ ʜƟdʑsɋfmjsɋʟ ʃ tscdzʷtscdzƟ dzƟʃj ʋɋƟsƟdʑɔ çBritish Dental Journalè fmjsƟsᵍ ᵡ çɭ tœƟSɬlsɋSɬƟɋ tsgtœƟdʑɋʃuj dzɋʷ ʟlzʙtsɔtœƟuj ʙdzs? ʜj ʷlsj dz dzsfmjsɋè. ʃ dzɔʳ fmjslzʃƟdʑzfnj dzj Sɬʋɋʷdzɜɋ tʃts ɔfnjʔ ɻ j dʑɋSɬtsʙtœɋlsƟdʑɋʃ fnjɔdzj fmjsdzs fnjʟ Ɵdtœɋ ʟ Ɵʜɋdʑsdzɜ ⊐ɋtœdztœgɑtscdzɜfmjstscdzɜƟstscdzsgɑtscdzɜɋʟ Sɬfnjj SɬfnjƟ ɻ 1955 gɑtsʜlz tscdzʃ tsfnjdzsɔƟdzʃ ɹ tœɋlsƟdzfSɬtsj tsʙʰ j fmjsɔts fmjstscdzɜƟstscdzsgɑtscdzɜɋʟ Sɬtslststœsj fnjs ɔtɕj dzj dɸdzɜtʃtœɋɔdzj Sɬdzs ɔdʑɋdzɜƟdzʃj dzj ʜɋSɬtsɔ.

** 30 dzɜƟdsƟ1842 gɑtsʜƟʜtsSɬstsɑʃ tscdzʃgɑʃɋʟ ʉ z, ɸ lzʜƟdʑɋdztsʃlz⊐tscdz dzƟʰ j j , tʃtɕj ʜɔƟdɑɋlsj dz dzs tʃtɕj ʜdzsʞ ɋɔ ʙtscdz dzsdzjz ɔʜtS⊐dzlsˡ tʃƟdɑʳ ᵡ ɋtœƟ ɻ tscdz dzs? ʙr fmjstœts ʟGfnjdzdzɋ dɸ tʃtsʋzɔfmjsɔtsɔƟdzʙtscdɋ. ʃ ʙr ʋdzs tscdzʜƟɔƟdzfnjtsɋdzɜʙtscdz dz dzfmjsSɬƟdzɔɋfmjɋ, dzs dzƟᵘ lstslstœʟ tɕj ʰ ɋdzɋfmjʃtœtsʙtsɔƟsˡ ᵡ ɋtɕ ɾ Ɵʞ j tʃtɑɋdzj dɑfɔ ᵡ ɋtɕj ʰ j 5ð 6 tœʟ, ʃ tscdɑʳ dɑfSɬtscdzz dɸ fmjstsʙʰ ɋdzts dzsɔtscdzɜdzj lstsʜj ɋ dɸ tʃtɑʃƟdzj dzjz tsfnjsʙtsgɬts ʟdƟʋj dɑfʷ. ʃ ɋʰ ʳ 16 tsSɬsʷʙtɕʷ 1846 gɑtsʜƟ) SɬtsgʜƟᵘ ᵂɬᵂ ɋtœdzz ʔ dzƟœSɬtsʟ ʙr tʃtɑɋdzj dɸ dzjgɬts fmjstslsj ʋj fnjɔj dɑdɑfSɬtscdzɜʜƟdzsɋfmjstscdzʃ tstœlstsdzsdzɜ Sɬtslststɕʳ ʔ dzfʋjgɬts dɸ ʟdƟdzts fnjtsɋ⊐ tʃtɕjʰ j fmjsɔj dɑdɑfSɬGT, ʃ tscdɑʳ tʃtscdzʷdz, ʋjlsts ᵂ ᵡ lsɋʋj fnSɋ ʋj fmjsᵍ tslsSɬtɕʳ lsɋʷ tʃtɑɋdzƟʜdɸj-ʞ ɋflsj dʒz.

1833 ɢ̂tsʜlz ɖʟʜʘdzfiʚtsɖ çPrincipes de chirurgieè, ʧtsdz ʟtsɘʘʚʰ ɖʝ fiɟʷ ɢ̂tɕtsdʒʘʜdʑ dʒlzfiʧʝ ⫟tsdʒ
ʀ lstsɢ̂ʜʘʞʝ ʙʳ dʑs ʟʘdʒʝ ɥʝ dʑs, ɥlsts dʑʝ ɥlzɘfiʝsɘɖlsʝ dz dʑsfiʝsᴵ ʢ ʙtsdʑɖ ʧʘɥɖʝ dʑstsɘ ʧtɕɖ ʘdʑʝ fiʝsʝ ʟɖɖ
ʞ ɖɘtslsdʑ dʒdʒʘɢ̂dʑʝ lsɖʟdʒtsdʒ fiʝsɘʧʘʜʘʝ ls fiŋlsʘʢtsʡ ʞʝ dʑʝ ɥlzɘfiʝsɘɖlsʝ dz dʑsfiʝsᴵ ʶ ʧtɕɖ ʧtɕɖdʒʝ dʑʝ dʑɖɖ ˩ ʬ ɖtɕʘ
ʉ tsʜdʑsʡ fiʝststɕtsdʑ , ʙtsdz ʰ ɖdʑfiʝsɘts fiʢʝ ʧlsɖʢtsɘ ʧtɕɖʰ dʑs ʢ ʟʘʢdz ɥʝ dʑɖʶ , ɥlsts ʘdʑʝ fiʝsʝ ʟɖʷ ʧtɕɖ ʧtsdʒsʱ ɖ
ʞ ɖɘtslsdʑsɢ̂ts dʒʘɢ̂dʑʝ lsɖʟdʒʘdʑʝ ʷɘdzʷʝ lsfiɟʷ ɥᴵ ɖdʒ-lsts ʧdʑsʜtsdʒɘtstsʙtɕʘʞʝ dʑɖʷ ɖdʑɖ tsʙdʒʘdʑsdʒ fiŋʜtɕdzɢ̂tsʡ ð
ʧtsfiɡdʑʝ tsʧʝ tɕʘɥɖɖ ʃ ɖfiʝstsdʑʘdʑʝ tsʙ⫟tsʜɖdʒsfiʝsᴵ ɘ dʒʝ fiɡdʒʝ tɕɖɥʝ -fiʢtsdʒtsʙʝ ʟʙtsdʑɖɘʘdʑɖɖ tslsʧʘdʑʘ. ɺ dʑʝ ʡ
ʙtsdz ʰ ʝ dʑʝ ʙʳ dʑs dʑzʞ ʜʳ , ʧtsfiʢtsdz ʢlz ɘ tslsdʑɖɥɖʝ tsls ˩ ʬ ɖtɕʘtsdʑʘʙʳ dʑʘlstɕzʜdʑʘɖ dʑʝ dʑʘʜʝ ʞ dʑʘ ʂ dʑʝ ʡ
ɘʝ tɕdʑlsfiɟʷ ʧtsʟʞʝ ɘ fiʚʷʟɖ fiŋʙʝ fiŋɥɖfiɡdʑʝ dʑdʑ dʒɖ tsfiɡdʑsʞ dʑʝ dʑɖʷdʒɖ ʧtsfiɡdʑʝ ⫟ɖdʒɖtsʘdʑʘdz ɢ̂ʝ ʟɖɖ,
ʧtɕɖdʒʝ dzʷʝ dʒsʡ ʧtɕɖ ⫟ɖtɕdztɕɢ̂ɖɥʝ fiʢɖ⫟ tsʧʝ tɕʘɥɖʷ⫟, ɘʧdʑslsᴵ ʜts dʑʝ lsʘdz dʑsɢ̂ts ɖfiɟ⫟tsʜʘ. ɻ ɖʧdʑslsɖɥʝ fiʢʘʷ
ʘdʑʘdʑɢ̂ʝ ʟɖʷ ɖfiʢdz ɥʘʝ ls lsʘʢtsʡ ʬ ɖdʑʘdz.

ɟ tɕtsʰ dʑs ɥlzlsᴵ dʒʝ dzʰ ʝ ɢ̂tsʜʘʧtsfiɡdʑʝ ʧtɕɖdʒʝ dʑʝ dʑɖʷ ʃ ɖfiʝstsdʑsdʒ ˩ ʬ ɖtɕʘ, ʢʘʢ lz ʞ ɖɘtslsdʑsɢ̂ts dʒʘɢ̂dʑʝ lsɖʟdʒʘɘ
ʜʝ dʑʝ ʘdʑʝ fiʝsʝ ʟɖɖ ʧtsʷɘɖdʑfiɟʷ dʑsɘʳ ʡ ʢtsdʑʢ lztɕʝ dʑs. ɿ ʘfiɡdʑzɢ̂ʘɘdʑʝ ʜtɕʝ dʑɖʷ ɘ ⫟ɖtɕdztɕɢ̂ɖɥʝ fiʢlzʶ ʧtɕʘʢlsɖʢlz
ʧʘtɕtsɘ ⫟dʑststɕtsʬ tststɕdʒʘʜdzʷ dʑʘtɕʢtsʟʘʧtɕɖdʑʘʜdʑʝ ʞ ɖls ɘʳ ʧlzfiʢdʑɖʢlz ʕ ʜɖdʑʙlztɕɢ̂fiʢtsɢ̂ts lzdʑɖɘʝ tɕfiɡlsʝ lsʘ,
ʟdʑʘdʒʝ dʑɖlstsdʒlz ɢ̂ɖdʑʝ ʢtsdʑsɢ̂lz ɼ ʞʝ dʒfilz ʖ dʑɢ̂lz ʉ ɖdʒʧ fiʝsdʑz (1811ð 1870), fiʝsfiʝstsʷɘʰ ʝ dʒlz fiŋ1839 ɢ̂tsʜʘ
ʧtɕtsʬ ʝ fiʝʝstɕtsdʒ ʘʢlzʰ ʝ tɕfiʝsɘʘʧtɕɖ ʕ ʜɖdʑʙlztɕɢ̂fiʢtsdʒ lzdʑɖɘʝ tɕfiɡlsʝ lsʝ . ɺ 1846 ɢ̂tsʜlz, tsʟdʑʘʢtsdʒɖɘʰ ɖfiɟ fiŋ
tsʙʝ ʟʙtsdʑɖɘʘʶ ʱ ɖdʒʜʝ ʡ fiʝsɘɖʝ dʒ fiʝ tɕdʑsɢ̂ts ˩ ʬ ɖtɕʘ, ʉ ɖdʒʧ fiʝsdzɘʧʝ tɕɘʳ ʝ fiʝsʘdzʧtɕɖdʒʝ dzʷlsᴵ ʝ ɢ̂ts ɘ
ʘʢlzʰ ʝ tɕfiʝsɘʝ . ʅ ʝ ʧtɕtsʰ dʑs ɖ ɢ̂tsʜʘ, ʢʘʢ tsdztsʙdʑʘtɕzʞ ɖdzdʑʘtɕʢtslsɖʟɖtɕdzʶ ʱ ʝ ʝ ʜʝ ʡ fiʝsɘɖʝ ⫟dʑststɕtsʬ tststɕdʒʘ.
ʀ ʟɘʝ fiʝsʝ dzʜʝ dz , ʢtsɢ̂ʜʘ˩ lsts ʧtɕtsɖʟtsʰ dʑs,ð 4 dʑsʷʙtɕʷ 1847 ɢ̂tsʜʘ. ɟ ʝ tɕɘtsʝ fiʝststsʙʱ ʝ dʑɖʝ ts ʧtɕɖdʒʝ dʑʝ dʑɖɖ
⫟dʑststɕtsʬ tststɕdʒʘʜdzʷ dʑʘtɕʢtsʟʘʧtsʷɘɖdʑsfiɟ 15 dʑsʷʙtɕʷ 1847 ɢ̂tsʜʘ.

ʂ tsɢ̂ʜʘʉ ɖdʒʧ fiʝsdz(1948) fiŋlzfiʧʝ ⫟tsdʒ ʧtɕɖdʒʝ dʑɖdzdʑʘtɕʢtsʟ ʜdzʷ tsʙʝ ʟʙtsdʑɖɘʘdʑɖʷ tɕtsʜtsɘ lz ʘdʑɢ̂dʑɖʡ fiʢtsʡ
ʢtstɕtsdʑʝ ɘʳ ɺ ɖʢlststɕɖɖ, ˩ lsts ɘʳ ʟɘʘdʑs fiʝ dʑfiʘɥɖʶ , dʑs ʝ ʱ ʝ ʙtsdz ʰ ʝ lzfiɡdʑɖdʑs dʑʘʧʘʜʢɖ ɥʝ tɕʢtsɘdʑɖʢtsɘ.
ɼ ʘʞʝ ʟdʑʘdʒʝ dʑɖlsʳ ʡ ʬ ɖʟɖtsdʑsɢ̂ ʌ . ʄ ʘʞ ʘdʑʜɖ, lzɥɖlsʝ dz ʂ dʑsʜʘɹ ʝ tɕdʑʘtɕʘ, ɘtsfiʝsʘdzʧtɕtslsɖɘ dʑʘtɕʢtsʟʘ,
dʑʘʟʳ ɘʘʷ çʙʝ ʟdʑtɕʘʚfiʝsɘʝ dʑdʑ dʒɖ tslsdʑɖdʒʘʶ ʱ ɖdʒlz ʙtsdz dz ⫟ fiŋʘdʒsfiʝsʟdʑʘdʑɖʝ , fiʚtsʙtsʜdʑzʶ ɘtsdz ɖ lsʝ dʒ
fiŋʘdʒ dʒʧtsʜɥɖdzʷʶ ʱ ɖdʒʙtsdz dʑsɢ̂ts ʧtɕtsɖʟɘtsdʑz ɘtɕʘɥʝ ʡè. ʂ fiɡdʑsɘlz, dʑʝ ʢtslststɕʳ ʝ ʘʚlststɕʳ fiʝtɕʘʚdʑɖɘʘʶ ls
dʑʘtɕʢtsʟ fiŋɢ̂ɖʧdʑsʟtsdʒɖ ɘʳ ʜɘɖɢ̂ʘʶ ls ʧtɕtslsɖɘ dʑʝ ɢ̂ts lsʝ ʞʝ tsʙɘɖdʑʝ dʑɖʷ. ɺ fiʧtstɕʝ fiŋʜlz⫟tsɘʝ dʑfiʝsɘtsdʒ
ʉ ɖdʒʧ fiʝsdzdʑʘʱ ʝ dztsfiʝstɕtslzdʒdz ʡ ɘʳ ⫟tsʜ: tsdzʟʘ

ʷɘɖʣ, ʮlsʦ fŋʘʤʘɖнȷʷ ʣʘɕʦʟʘʧ ʨɖʣʘнʤ ʞ ɖls ɹ ʦɢlz. ɹ ȷ нɪ fŋsɢʣʘfŋʤs lsʦʤz ʞ ȷ ʙɖʙ ʤ ʡ fŋʦʤz ʧʨȷ нʘʣɖʶ ɹ ʦɢ lzfŋ ʧɖʣɸ нʘʤʘ, ʮlsʦʙʳ ɘʳ ʨȷ ʟʘlsɪ lz ʤ ɢʦ ʨȷ ʙʨʦ, ɖʟ ʕʦlsʦʨʦɢʦ ʦʣfŋlsɘʦʨɖʣɾ ɘlz.

ʅ ʘɕʦlsɖʟɖʨʣʶ ɦ ɖȷ fŋʦʡ fŋlsɘʘ꞊ʣʦʨʦʬ ʦʨʤʘʙʳ ʣɖ ɖʟɘȷ fŋlsʣ нʦ ʉ ɖʤʃ fŋsʣʘ. ʌ ʨʘʣɭlzʟ fŋɖʡ

ʬ ɖʟɖʦʣʦɢ, fŋʕʨȷ lsʘɕɪ ɨ ʘɕɖʞ fŋʦʡ ʘʕʘнȷ ʤɖɖ ʣʘlzʕ ʌ ʣlzʨʘʣfŋʧʨɖʙȷ ɢʘʣʕ ʤ ʤz ɘ ʦʧʳ lsʘ꞊ ʣʘ

ʞ ɖɘʦlsʣ꞊, ʣʦ ʮȷ fŋlsɪ ɘʤ нʨȷ ʣɖʷ ꞊ʣʦʨʦʬ ʦʨʤʘɘ ʤ нɖʮɖʣfŋlzʶ, ʦfŋsʙȷ ʣʦ ʘʕlzʰ ȷʨfŋlzʶ, ʧʨʘʕlsɖʕlz

ʧʨɖʣʘнʤ ʞ ɖls, ʙȷ fŋfŋʧʦʨʣʦ, ʉ ɖʤʃ fŋsʣz.

ɹ ɖʧʣʦʘʣʘʣɢȷ ʟɖʷ

ʅ ʘɕʦʟ*, lsʘʕ ʞ ȷ ʕʘʕ ɖ ɢɖʧʣʦʟ, нʦʣɢʦȷ ɘʨȷ ʤʷ ʙʳ ʣɘ ʤ ʤɖʣʦfŋlsɖ. ʆ нʣʘʕʦ ɘ ʦlsʣɖʮɖȷ ʦls ɢɖʧʣʦʟʘʣʘ

ȷɢʦ fŋʮȷ ls fŋʣʦʞ ɖʣʦfŋ ʦʙʦfŋʣʦɘʘʣʦȷ ʧʨȷ нlzʙȷ ʞ нȷ ʣɖȷ. ʅ ʘɕʦʟ ʦʧʘfŋ ʣ lzɘȷ ʣɖʮȷ ʣɖȷ нʦʟʳ ʤʦʞ ȷ ls

ʧʨɖɘȷ fŋlsɖ ʕ fŋʣʤ ʨʦɖ ʧʘʮɖȷ ʣʦʘ. ʅ ʘɕʦʟ ɘʳ ʟʳ ɘʘȷ ls fŋlsʨȷ fŋfŋ, ʕʦlsʦʨʳ ʡ ʧʨɖɘʦнɖls ʕ ʦlsʕʣ ʮȷ ʣɖʶ

fŋsʟʣʘʣɖʷ. ʉ ɺ lsɖʤ ʤ ʞ ȷ ʣʘsȷ ʣ ʣ ʤʦfŋʣʦʞ ʤ ʣɖȷ ʤ lsʘʕ нʦ fŋɖ꞊ ʧʦʨɖ ʤ ʣʘlzʮɖʣɖfŋ fŋʧʨʘʣʬlsɪ fŋʬ.

ʅ ȷ fŋlsʦɖls ɖ ɢʦɘʦʨɖlsɪ, ʮlsʦ ɢɖʧʣʦʘʣʘʣ ɢȷ ʟɖʷ ʤ ɖʤȷ ȷ ls ʧʨʦlsɖɘʦʧʦʕʘʟʘʣɖʡ ɖ ʤ нʘȷ ls ʘʙ fŋsʣ lsʣʦ

ʣɖʕʘʕ ɖ꞊ ʦfŋʣʦʞ ʤ ʣɖʡ, ʣʘʦʙ ʦʨʦls, fŋsʧʨʦɘʦʞ нʘȷ lsfŋʬ ʮlzɘ fŋlsɘʦʤlz ʤɖʨʦlsɘʦʨȷ ʣʦfŋlsɖ, ʙʣʘʞ ȷ ʣfŋlsɘʘ,

ʟʘʙʳ lsɪʷ. ʕ lsʦ fŋsfŋlsʦʷʣɖȷ, ɢнȷ ɖfŋʮȷ ʟʘȷ ls ʮlzɘfŋlsɘʦ fŋlsʨʘ꞊ʘɖ lsʨȷ ɘʦɢɖ, ʧʦʣlzʮɖʣʦ ʣʘʟɘʘʣɖȷ

çɺ ʡʬ ʦʨɖʷè.

ɹ ɖʧʣʦʘʣʘʣ ɢȷ ʟɖʷ ʧʨɖʤȷ ʣʬ ȷ lsfŋʬ ɖ ɘ ʧʦfŋʣʦʧȷ ʨʘʮɖʦʣʣ ʡ ʧȷ ʨɖʦн. ɹ ɖʧʣʦʟ, ɘ ʦlsʣɖʮɖȷ ʦls ɘfŋ꞊

ʣʘɕʦlsɖʮȷ fŋɖ꞊ ʘʣʘʣ ɢȷ lsɖʕʦɘ, lzfŋlsʨʘʣʬ ȷ ls ʙʦʣ ʤ ʟʘfŋʮȷ ls lzɢʤ lsȷ ʣɖʷ ʌ ʅ ʉ, lsʦ ȷ fŋlsɪ ʤ

fŋsʧʨʦɘʦʞ нʘȷ lsfŋʬ fŋʧlzlsʘʣʦfŋlsɪ ʶ ʤ fŋʣȷ ʡ ɖ ʣʘʨʣʰ ȷ ʣɖȷ ʤ ʕʦʦʨнɖʣʘʮɖɖ нɘɖʞ ȷ ʣɖʡ. ʂ ʨʦʤȷ lsʦɢʦ, ʤ

ʦfŋʣʘʙʣʬ ȷ lsfŋʬ ʣɖ ʦfŋʬ ʟʘʣɖȷ, ʣɖ fŋʣlz꞊. ʆ fŋʣʦɘʣ ʤɘ нȷ ʡ fŋlsɘɖɖ ɢɖʧʣʦʘʣʘʣ ɢȷ ʟɖɖ ʷɘʣʬ ȷ lsfŋʬ

ɖʟʤȷ ʤ ʣɖȷ ɺ ʤʦʮɖʦʣʘʣ ʣʦʡ ʨȷ ʘʕʮɖɖ ʣʘʙʦʣ. ɹ ʦʣ ʣ ȷ ɘʦfŋʧʨɖʣɖʤʘʳ ls ʙʦʣ ʕʘʕ ʤ ʮlsʦ

ʧʦfŋlsʦʨʦʣʤȷ, ʧʨʦɖfŋʦнʷɦ ȷȷ ʕʘʕ ʙʳ ʤ fŋʣɖʤɖ.

ʀ fŋfŋʣ нʦɘʘʣɖʷ ʕ. ʍɖʣɢʘɕнʘʧʦʕʘʟʘʣɖ: ʧȷ ʨɘʦȷ ð fŋlsȷ ʧȷ ʣ ʦɦ lzɦ ȷ ʣɖʷ ʙʦʣɖ ɘ ɢɖʧʣʦʟȷ ʟʘɖfŋɖls ʦls

ɢʣlzʙɖʣ ɢɖʧʣʦlsɖʮȷ fŋɖʦɢʦ fŋsfŋlsʦʷʣɖʷ ɖ ʦls ɢɖʧʣʘʙȷ ʣ ʣʦfŋlsɖ ɖfŋʧʳ lslzȷ ʤ ꞊ (Hilgard, 1965) ɖ

ɘlsʦʨʦȷ ð ɘ ɢɖʧʣʦʟȷ ʘʣʘʣ ɢȷ ʟɖʷ ʤ ʧʨʦɖfŋʦнɖls fŋʧʦʣlsʘʣʦ, ʘɘʳ ʟʳ ɘʘȷ lsfŋʬ ɘʣlzʰ ȷ ʣɖȷ ʤ (Hilgard, 1967). ʉ ʧʦfŋʣȷ нʣɖʤ

* ɹ ʨȷ ʮ, ç ʣʘɕʦʟɖfŋè ð ʦʮȷ ʧȷ ʤ ʣɖȷ, ʦʤ ʤȷ ʣɖȷ.

ʫʪɘʝ tɕʞ ʜʝ ʥʆʝ ʤ ʌʠʥɠʘtɕʜʘʤʝ ʘʝ ʪ fɲʦɠʥʘfɲʆʪ fɲʝ tsʧ ʪ ɹ . ɸ . ʊtsʘtɕfɲʄ̵tsɠts, ʢtsʪtstɕ ʡ̵ ʧtɕʝ ʜtsfɲʝ tɕʝ ɠʘʥ ɘ 1926 ɢtsʜʫ tsʪ fɲʤʝ ʝ ʥʆʷ ɠʠʧʝ fɲʝ ʟʠʠ ʠ ʘʥʝ fɲʝ ʟʠʠ ɘ tɕʝ ʟʫʣ ʪʘʝ ʧtɕʷʣ fɲtstsʪɘʝ ʪfɲɘʫ ʠ ɘʥʫ ʝ ʥʆʡ̵ fɲʘʥʝ fɲʝ ʟʠʝ ʡ̵ fɲʧtsʥʪʘʥʥʦʡ̵, ʧtɕʠfɲʫ ʝ ʡ̵ ɠʠʧʣʦʪʠʮʝ fɲʄ̵tsʣʫ fɲtsfɲtsʷʥʆ ɘ ʢʘʮʝ fɲɘʝ tsʜʣʦɠts ʠʟ ʢʘtɕʜʠʣʘʥ ʣ ʝ ɠts fɲʠʤʧʪtsʣɘ (ʊtsʢʘtɕfɲʄ̵ʠʡ̵, 1936, ʪ. XII).

ʀ fɲtstsɕʠʷ ʫʣʒʘʥʮʠɘʘ ʪ, ʟʥʘʥʥʆ tsʙ tsʧʝ tɕʘʮʠʷ fɲʧtɕʠʤʝ ʥʝ ʥʆʝ ʤɠʠʧʣʦʘʥʘʥ ɠʝ ʟʠʠ ɹ tɕ ʡ̵ʜ ʠʥʆ tsʣ ʧtɕʠ ʝ ʥʢ fɲtsʠʤtsʪʢtɕ ʪʠʷʤ fɲʘʣʦfɲtsʷʪʝ ʥ ʥʦ. ɹ ʫʜʫʮʠ ʠtɕʫtɕɠtsʤ ɹ tɕ ʡ̵ʜ ʠtɕtsʢts ʠfɲʧtsʣ ʟtsɘʘʥ ɠʠʧʣʦʘʥʝ fɲʝ ʟʠ . ɺ tsʪ ʮʪts tsʣfɲʘʒtsʙ ʪtsʤfɲtstsʙ ʘʝ ʪ: ç ʊ ʥʝ ʢtsʪtstɕ ʠʥʜʠɘʠʜtsɘ ʙtsʥʝ ʝ ʠʥʆ
ʤʝ ʥʝ ʝ ɠʥʫʙtsʢʠʡ̵ ɠʠʧʣʦʪʠʮʝ fɲʄ̵ʠʡ̵ fɲtsʣfɲtsʧtɕtsɘtsʞ ʜʘʝ ʪfɲʝ ʧtsʪʝ tɕʝ ʡ̵ fɲtsʟʥʘʥʆʷ ʠ ɘtsʥʆ ʜts ʪʘʢtsʡ̵
fɲʝ ʧʝ ʥʆ, ʮʪts tsʥʆ ʥʝ ʧtsʥʫʮʘ ʪ ʥʆʢʘʢtsɠts ɘʥʝ ʥʝ ɠts ɘʧʝ ʮʘʪʥʝ ʥʆʷ tsʪ fɲʘʣʦɠts ɠtɕtsʣʢtsɠts ʫʣʘ ʥʝ
ʮʫɘfɲɘʫ ʪ ʧtɕʠfɲʫʪfɲɘʠʷ ɘʝ fɲʣʘʢtɕʝ ʧʢtsɠts ʘʣʦʣʠʘʢʘ ʥʘʦtsʜ ʝ ɠtsfɲ tsʢtsʥʦ ʠʥʦʟʜtɕʝ ʡ̵, ʥʝ
tsʙtɕʘ ʘ ʪ ʥʆʢʘʢtsɠts ɘʥʆʣʘʥʆʷ ʥʘʫʢtsʣ ʠʥʆ ʠʧʢʠ. ʄ tsʞ ʥʦ ʙ ʥʦ ʧtɕtsʧʫfɲʄ̵ʘʪ ʮʝ tɕʝ ʟ ʠ tɕʣʢʠ
fɲʘʣʒ ʡ̵ fɲʤʣ ʣ ʡ̵ ɠʘʣ ɘʘʥʆʮʝ fɲʄ̵ʠʡ̵ ʪtsʢ, ʠ tsʣʥʝ ɘ ʟ ɘʘʥʙtsʥʆ. ʊtɕʫʜʥʝ ʡ̵ ʠʝ ʠtɕʫtɕɠʠʮʝ fɲʄ̵ʠʝ
tsʧʝ tɕʘʮʠʠ ʣʦʞ ʥʦ ʧtɕtsʠʟɘʝ fɲʠ ʙʝ ʟ ʠ ɘʝ ʜtsʣʘ ʠ, ʧtɕtsfɲʤʫɘ ʠfɲ tsʪ fɲtsʝ ɠts ʥʝ ʥʦtɕʣʘʥ ʥʦɠts fɲʤʘ
tsʥʆ ʥʝ fɲtsʠtɕʘʥʆʷ ʥʆ ʥʆʢʘʢtsɠts ɘtsfɲʧtsʣʠʥʘʥʆʷ tsʙts ɘfɲʝ ʣɬ ʪtsʣ..è (Braid, 1883).

ʆ ʙʝ ʟʙtsʥʆɘʘ ʝ ʝ ʜʝ ʡ̵fɲʝ ɘʠʝ ɠʠʧʣʦʪʠʟʣʘ ɹ tɕ ʡ̵ʜ ʠfɲʧ ʪʘʥʥʘfɲʘʣʦʣ fɲʝ ʙʝ . ɺ 1844 ɢtsʜʫ, ʟʘʙtsʥʝ ɘ
tɕʝ ɘʣʘʪʠʟʣʦʣ tsʣʪtɕʠ ʥʦʮʠ ʧtsʜtɕʷʜ ʥʝ ʣʦɠ fɲtsʣʢʥʫʪ ɠʥʘʟ. ʏ ʪtsʙ ʠʟʙʘɘʠʪ fɲʝ tsʪ ʙtsʥʆ, tsʣʜʘʥ
fɲʝ ʙʷ ʟʘɠʠʧʣʦʪʠʟʠtɕtsɘʘʪ . ʉ ʧʫfɲʝʷ 9 ʣʠʥʫʪ ʝ ɠts tsfɲtsʙtsʜʠʥʆ tsʪ ɠʠʧʣʦʟʘ, ʠ, ʢ fɲtsʝ ʣʫ ɘʝ ʥʆʢtsʣʫ
ʫʜʠɘʝ ʥʆ , tsʣtsʙʥʘtɕʥʞ ʠʥ, ʮʪts ʙtsʥʆ ʠfɲʝ ʟʥʆ. ʏ ʝ tɕʝ ʟ ʥʝ ʜʝ ʥ fɲʤʦɘʘɘtsʟtsʙʥʦɘʠʥʆfɲʝ
tɕʝ ɘʣʘʪʠʮʝ fɲʄ̵ʠʝ ʙtsʥʆ, ʢtsʪtstɕ ʝ fɲʤʦɘʘtsʪfɲʝʫʧʠʥʆ ɘfɲʤʝ ʜfɲʝ ɘʠʝ ɘtsʟʜʝ ʡ̵fɲʝ ɘʠʷ ɠʠʧʣʦʟʘʠ fɲʪʝ ʧtstɕʥʝ
ɘtsʟɘtɕʘ ʘʥʆfɲʝ .

ȴ ʝ ʟʘɘʠfɲʤʣʦ tsʪ ɹ tɕ ʡ̵ʜʘʠ ʢ ʥʆʥʆtsʪfɲtsʥʘʠ fɲtstsʪʝ ʮʝ fɲʝ ɘʝ ʥʆʥʆʢ ʜ-tɕȴ tsʙʣ ʠʟ ʄ ʘʥʮʝ fɲʝ tɕʘʧtɕʠʤʝ ʣʷʣ
ɠʠʧʣʦʟ ʜʣʷ fɲʤʷʪʠʷ ʙtsʥʆ ɘts ɘtɕʝ ʣʷ tsʧʝ tɕʘʪʠɘʣ ɘʤʝ ʘʝ ʣ fɲʝ ɘ. ɺ fɲʝ ɬ ʪʠ fɲtsʙ ʪʠʷ, ʠʤʝ ɘ ʠʝ
ʤʝ fɲʝ ts ɘ 1843 ɢtsʜʫ, ʜʘʥʆ ʪtsʣʮʢ ʢ ʥʘʮʘʥʫ ʠtɕtsʢtsɠts ɬ ʢfɲʧʝ tɕʠʤʝ ʥʪʠtɕtsɘʘʥʆʷ ɘ ɬ ʪtsʣ
ʥʘʧtɕʘɘʥʝ ʥʆʠ. ɺ tsʪ ʮʪts ʧʠfɲʘʣʘɘ 1845 ɢtsʜʫ tsʙ tsʜʥʦʣɬ ʢfɲʧʝ tɕʠʤʝ ʥʪʝ ʜ-tɕȴ tsʙʣ : ç ʂ tsʥʝ ɥ ʠɠtsʣʢʠ
ʙ ʣɘɘʝ ʜʝ ʣʥʘʥʘ ʠ ɠʥʘʟʘ tsʮʝ ʣ ɠʥʫʙtsʢts ʧtsʜ ʥʦɠtsʪ ʞ ʝ ʣ ʠʣ , ʫfɲ ʧʥʝ ʥʆʥʦʡ̵ fɲʧtsʣʦ ɹ ʀ
ʤʝ fɲʤʝ tɕʠʮʝ fɲʄ̵ʠ ʧtɕʠʝ ʣʦɘ, ʥʦ ɬ ʪts tsʙfɲtsʷʪʝ ʣ fɲʝ ts ʥʝ ɘ ʟɘʘʥʦ ʫ ʥʝ ʝ ʜʘʞ ʝ ɘʟʜtɕʘɠʠɘʘʥʆʷ. ɼ ʘʥʝ ʝ ɘ
ʙtsʣ ʠ ʢtsʥʆʮʝ fɲɘʘ ʙ ʥʦ ʧtsʜʥʝ fɲʝ ʥʦ ʢ ʝ ʝ ʥʦʟʜtɕʷʣʝ ʜʢts ʧʘʥʫ ʝ ʝ ɘʝ ʝ fɲɘts, tsʪ

[illegible]

[illegible] 1831 [illegible] 1833 [illegible]. [illegible] XIX [illegible] (1845) [illegible] (1852) [illegible] (1860) [illegible] 10 [illegible] 1885 [illegible] «Anesthesie par suggestion». [illegible] 2 [illegible].

[illegible] (1886), [illegible] (1888), [illegible] (1889), [illegible] (1890), [illegible] (1890), [illegible] (1891), [illegible] (1892), [illegible] (1893), [illegible] (1894), [illegible] (1896), [illegible]: [illegible] (1885); [illegible] (1893); [illegible] (1888), [illegible] (1893), [illegible] (1893); [illegible] (1889); [illegible] (1891); [illegible] (1898). [illegible] (Dobrovolsky, 1891), [illegible] (1897), [illegible] (1902), [illegible]

* British and Foreign Medical Review, April, 1845.

Доктор Нобль

ʊɖʧ ɘʤʝ ʰ ʘʪʝ ʣ ʩʫɘʘ	ɿ ʐʙʣɖʢʘɥɖʷ
ʍɖʨʣʐʨɢɖʷ ʙʨ ʰ ʣʦʡ ʧʦʣʦʩʫɖ	
ɸ ʧʧʝ ʣʜ ʢʪʦʤɖʷ	Tinterov(1960)
ʂ ʝ ʩʘʨʝ ɘʦ ʩʝ ʮʝ ʣʐɖʝ	Kroger, Delee (1957) Taugher (1958) Tinterov(1960)
ɻ ʘʩʫʨʦʪʦʤɖʷ	Bonilla, Quigley, Bowers (1961)
ʍɖʨʣʐʨɢɖʷ ɢʨʣʐʜʣʦʡ ʞ ʝ ʤʝ ʟʳ	
ʊ ʜʘʤʝ ʣʐɖʝ ɢʨʣʐʜʣʦʡ ʞ ʝ ʤʝ ʟʳ	Mason (1955)
ʊ ʜʘʤʝ ʣʐɖʝ ʦʧʐ꞊ʦʣɖ	
ɢʨʣʐʜʣʦʡ ʞ ʝ ʤʝ ʟʳ	Kroger (1963)
ʏ ʘʩʫɖʮʣʘʷ ʨʝ ʟʝ ʢʮɖʷ	
ɢʨʣʐʜʣʦʡ ʞ ʝ ʤʝ ʟʳ	Van Dyke (1970)
ʆ ʞ ʦɢɖ	
ɿ ʝ ʨʝ ʩʘʜʢʘʪʢʘʣʐɖ, ʨʘʩʩʝ - ʮʝ ʣʐɖʝ ʩʨʘ ʝ ʣʐɖʡ ɖ ʪ. ʧ.	Crasilneck, McCranie, Jenkins (1956) Tinterov(1960) Finer, Nylen (1961)
ʉ ʝ ʨʜʝ ʮʣʘʷ ꞊ɖʨʣʐʨɢɖʷ	Marmer (1959a) Tinterov(1960)
ʊ ʜʘʤʝ ʣʐɖʝ ʢʘʪʘʨʘʢʪʳ	Ruiz, Fernandes (1960)
ɿ ʝ ʨʝ ʣʦʤʳ , ɘʳ ɘɖ꞊ɖ	Goldie (1960) Bernstein (1965a)
ʆ ʦʮʝ ʧʦʣʦɘʦʡ ʘʧʧʘʨʘʪ	
ʀ ʤʧʣʘʣʪʘɥɖʷ ʨʘʜɖʷ	
ɘ ʰ ʝ ʡʢʐ ʤʘʪʢɖ	Crasilneck, Jenkins (1958)
ɺ ʳ ʩʢʘʙʣɖɘʘʣʐɖʝ	
ʧʨɖ ʣʜʦʤʝ ʪʨɖʪʝ	Taugher (1958)
ɺ ʘɢɖʣʘʣʐ ʣʘʷ ɢɖʩʝ ʨ ʢʪʦʤɖʷ	Tinterov(1960)
ʀ ʩʩʝ ʮʝ ʣʐɖʝ ʧʨɖ ʬ ɖʤʦʟʝ	Chong (1964)
ɿ ʨʦʩʫʘʪ ʢʪʦʤɖʷ	Schwarcz (1965)
ʊʨʘʣʩʫʨʝ ʪʨʘʣʐ ʣʘʷ ʨʝ ʟʝ ʢʮɖʷ	Bowen (1973)
ʊ ʜʘʤʝ ʣʐɖʝ ʷɖʮʣɖʢʦɘ	Bartlett(1971)
ʊ ʜʘʤʝ ʣʐɖʝ ɢʝ ʤʦʨʨʦʝɖʜʘʣʐ ʣʐ ꞊ ʰ ɖʰ ʝ ʢ	Tinterov(1960)
ɺ ʦʩʩʫʘʣɘʤʝ ʣʐɖʝ ʤʝ ʨɘʘ	Crasilneck, Jenkins (1958)
ʊ ʜʘʤʝ ʣʐɖʝ ʱ ɖʪʦɘɖʜʣʦʡ	
ʞ ʝ ʤʝ ʟʳ	Kroger (1959)

Crasilneck, Jenkins (1958)

Taugher (1958) Tinterov(1960) Chong (1964) Schwarcz (1965) Bowen (1973) Bartlett(1971)

Tinterov(1960) Crasilneck, Jenkins (1958)

Kroger (1959) Chong (1964) Patton (1969)

ʊɖʧ ɘdʒ̑ʰ ʘlsȷ dʑ fɲlsɘʘ	ɟ lzʙdʑʕʘɥɖʷ
ʍɖtɕdztɕɢ̑ɖʷ ɘȷ dʑ	
ɻ ȷ tɕȷ ɘʷʟʕɖ ɖ ʜȷ dʑzʜʘɥɖʷ	Tinterov(1960)
tɕʘʟdʑ ȷ	
ʊ ʜʘdʑ dʑɖȷ ʬ lztɕdzdʑ lzdʑʘdʑsfɲʘ	
lz tɕȷ ʙȷ dʑʘ	Bernstein (1965ɘ)
ɺ tsfɲlsʘdʑsɘdʑ dʑɖȷ tɕʘfɲȷ ɥȷ dʑ	
dʑsɢ̑ts ʧtsʜʙtstɕtsʜʕʘ	
lz tɕȷ ʙȷ dʑʘ	Bernstein (1965ɘ)
ʊ ʜʘdʑ dʑɖȷ ʞ ɖtɕtsɘtsʡ	
ʕdʑ lsɥʘlsʕɖ dʑʘtɕdzʕȷ	Scott (1973)

ɟ tɕɖɘȷ ʜȷ dʒdʑ fɲʃtsdʑ ʕts ʧtɕɖdʒ̑ tɕtsɘ ɖʟ fɲʧsʙfɲlsɘȷ dʑdʑsʡ ʧtɕʘʕlsɖʕɖ. ʆ ʜdʑʘɖʟ ʟʘfɲȷ ɢ̑ʜʘlsʘȷ ɘ ʊȷ ʘlstɕʘ ɢ̑ɖʧdʑslʘʃ ȷ dʑʘʌ ., tsɘdʑʘʜȷ ɘʰ ʘʷ ʧtɕɖȷ dʒʘdʒɖ fɲʘdʒsɢ̑ɖʧdʑslʘ, tɕʘfɲʃʘʟʘdʑʘʟʘdʑɖdʒʘlsȷ dʑ dʑzʶ ɖfɲlststɕɖʶ, ʧtsʕʘʟʳ ɘʘ ʱ lzʶ, ɥlsts tsdʑʘdʒsʞ ȷ ls lzfɲʧȷ ʰ dʑs tsʙȷ ʟʙtsdʑɖɘʘlsᴵ fɲȷ ʙʷ. ꞁ ʘtsʜʷfɲ dʑʘtsʧȷ tɕʘɥɖɖ ʧts ʧtsɘtsʜlz ʧtɕȷ tɕʳ ɘʘdʑɖʷ ʙȷ tɕȷ dʒ̑ dʑdʑsfɲlsɖ, tsdʑʘlzʙȷ ʜɖdʑʘɖtɕdztɕɢ̑ʘdʑ ʜʘɘʘlsᴵ ȷ ʡ dʑʘtɕʕtsʟ, dʒslsɖɘɖtɕdzʷ lsts lsȷ dʒ ɥlsts fɲdʒsʞ ȷ ls ʕlzʧɖtɕtsɘʘlsᴵ ʙtsdʑ. ʍɖtɕdztɕɢ̑ tslsdʑ fɲʷ ʕ ȷ ȷ fɲdʑsɘʘdʒ fɲʃȷ ʧlsɖɥȷ fɲʃɖ, dʑs, ɥlstsʙʳ tslsɘʷʟʘlsᴵ fɲʷ tsls dʑʘfɲlsʳ tɕdʑsʡ ʧʘɥɖȷ dʑsʕɖ, ʧtstsʙȷ ʱ ʘdzɘʳ ʧtsdʑdʑɖlsᴵ ʧtɕtsfɲ ʙlz. ȿ tsɢ̑ʜʘɖtɕdztɕɢ̑ ʧtɕtsɘȷ tɕɖdz, ɥlsts ʞ ȷ dʑ ɖdʑʘ ʜȷ ʡfɲlsɘɖlsȷ dʑ dʑs dʑʘʙtsdʑ ʧȷ tɕȷ fɲlsʘdʑʘtɕȷ ʘɢ̑ɖtɕtsɘʘlsᴵ, dʑʘfɲtsʡ fɲlstɕʘ ɖ tɕɖfɲʃ ʧtɕɖfɲlslzʧɖdzʕ ʜȷ dʑz ʙȷ ʟ ʘdʑ fɲlsȷ ʟɖɖ. ꞁ ts dʑʘɘfɲʷʕɖʡ fɲdʑzɥʘʡ dʑ ʜtsɘȷ tɕɥɖɘʳ ʡ ɖtɕdztɕɢ̑ ɘfɲȷ ʞ ȷ ʧtɕȷ ʜdʑsʞ ɖdzʘdʑ fɲlsȷ ʟɖtsdʑsɢ̑lz ʧtɕɖɢ̑tslstsɘɖlsᴵ fɲʷ ɖ ɘ fɲdʑzɥʘȷ ɥȷ ɢ̑ts dʑ dʒ̑ ʜdʑ dʑdʑs ʧtɕtsɘȷ fɲlsɖ tsʙȷ ʟʙtsdʑɖɘʘdʑɖȷ . ɺ ʜtɕdzɢ̑ dʑʘʃtɕʷʞ ȷ dʑdʑzʶ lsɖʰ ɖdʑz tsʧȷ tɕʘɥɖtsdʑdʑsʡ tɕʘʟtstɕɘʘdz tstsls. ʕ lsts fɲdʒ̑ ʷdʑʘfɲ ʃ ȷ dʑʘ ʌ ., dʑ ɘ fɲɖdʑʘ fɲʜȷ tɕʞ ɖɘʘlsᴵ fɲdʒ̑ . ç ɘfɲʧtsdʒdʑɖdʑʘʘdʑ ʕʜtsls,ð fɲʃʘʟʘdʑʘtsdʑʘ,ð fɲȷ ʡɥʘfɲʷ ɘʘdʒȷ ɢ̑ts tɕʘfɲʃʘʞ lzè. ȿ tsɢ̑ʜʘɘfɲȷ ʟʘtsdʑɥɖdʑsfɲ ɖ ʃ ȷ dʑʘtslsʕtɕʳ dʑʘɢ̑dʑʘʟʘ, lsts lstsdʑ ʕts lstsɢ̑ʜʘlzfɲdʑ ʰ ʘdʑʘʧtɕɖʟʳ ɘ: çɟ tɕȷ ʕtɕʘlsɖlsȷ dʑʘfɲfɲdʒ̑ʰ ɖlsᴵ ! è ɟ ȷ tɕȷ ʜ dʑ ʡ ʧtɕȷ ʜfɲlsʘdʑʘʕʘtɕsɖdʑʘ, ʜtsfɲlstsʡ dʑʘʷ ʕɖfɲlsɖ lzʜtsʞ dʑɖʕʘ. ɺ tɕʘɥɖ ʕtstɕɥɖdʑɖfɲ tsls fɲdʒ̑ ʘ, lz dʑɖ fɲȷ dʑs fɲʃlzdʑ ɖ ʞ ɖɘtslsʳ, tsdʑɖ dʒsdʑɖdʑɖ ts ʧtsʱ ʘʜȷ . ɟ tɕɖfɲlzlsfɲlsɘlzʶ ʱ ɖʡ ʧȷ tɕfɲtsdʑʘdzdʑʘʧȷ tɕȷ ʙtsʡ tɕʘfɲʃʘʟʳ ɘʘdz tsʙʘdzʜȷ ɘʰ ȷ ʡ ʃ ȷ dʑ, ɥlsts tsdʑʘɘ lsȷ ɥȷ dʑɖȷ ɘfɲȷ ʡ tsʧȷ tɕʘɥɖɖ çlstɕʘɘɖdʑʘè ʘdʑ ʕʜtslsʳ . ꞁ ȷ dʒʘdʑs lzʜɖɘɖɘʰ ɖfɲ, ʃ ȷ dʑʘtslsɘȷ lsɖdʑʘ, ɥlsts ʟdʑʘȷ ls tsʜɖdʑʜɘʘʘdʑ ʕʜtslsʘ, ʕ lstsdʒz ʞ ȷ tsdʑʘdʑɖʕtsɢ̑ʜʘɖ dʑ tɕʘfɲʃʘʟʳ ɘʘȷ ls ʧts ʧtɕɖɥɖdʑ fɲtsȷ ʡ ʟʘfɲlsȷ dʑɥɖɘtsfɲlsɖ.

ʂ ʦdzʯʝ ʨls ɘ ʧʦʜʤʦfɲ ʦɘʣʦʤ ɢʦʨʦʜʝ ʅ ʦɢɋʣfɲʝ ʟʘʧʦʤʣɋʣfɲʷ lsʝ ʤ ɥlsʦ ʧʦfɰʥ ʝ ɢʦ ʦʡʦʣʯʘʣɋʷ, ʧʨɋ
lsʨʘʜɋɥɋʦʣʣʦʤ ʦʧʨʦfɲ ʐɥʘfɲsʣɋʡʦɘ ʣʘʧʨʝ ʜʤʝ ls ɋ⍑ fɲʘʤʦɥʐɘfɲsɘɋʷ, ɋʟ ʟʘʣʘʨʘʟʜʘʣfɲʷ
fɲʨʳ ɘʘʳ ʱ ɋʡfɲʷ ʞ ʝ ʣfɲɋʡ ɢʦʣʦfɲ ç ʅ ʘfɲʝ ʥ fɲsʦɋls ʤʦʡ ʤʐʞ, ʐ ʥ ɢʦ ⍑ʨʦʣɋɥʝ fɲɋʡ ʨʘʜɋʡʐʣɋls.
ɼ ʦʤʘʦʣʙʦʥʝ 5ð 10 ʤɋʣʐls ɘ ʦʜʣʦʤ ʧʦʣʦʞ ʝ ʣɋɋ fɲsʦʷlsᴵ ɋʣɋ fɲɋʜʝ lsᴵ ʥ ʤʦʞ ʝ ls. ɿ ʜʝ fɲ ʦʣ
ʧʨʦfɲsʦʷʣʐʱ ʝ fɲsᴵ ɥʘfɲʦɘ ʙʝ ʟ ɘɋʜɋʤʦɢʦ ʜɋfɲʦʤʬ ʦʨlsʘè. ʂ ʦɢʜʘʷ fɲʧʨʦfɲɋʣʤʐʞ ɥɋʣʐ, ʡʘʡ ʦʣfɲʙʷ
ɥʐɘfɲsɘʐʝ ls ʧʦfɰʥ ʜʣɋlsʝ ʣʐ ʣʦɢʦ ʧʨʝ ʙʳ ɘʘʣɋʷ ɘ ʥ ʐʜʦʙʣʦʡ ʧʦʟʝ, ʣʘʝ ɢʦ ɢʣʘʟʘ⍑ ʟʘʙʥ fɲsʝ ʣɋ fɰʥ ʟʳ ɋ
ʦʣfɲʘʟʘʣ ç ʅ ʝ ʐʞ ʝ ʣɋ ʞ ʝ ʣʘʧʨʘɘʘɋ ʷ fɲsʦʷʣfɲsʦʣ ʡʦ ɥʘfɲʦɘ, ʤʥ ʧʦʡʘʟʘʣʦfɲ, ɥlsʦ ʧʨʦʱ ʣʦ
ʥ fɲʦʣ ʡʦ ʤɋʣʐls. ʉ lsʨʘʣʦʣʦ, ʣʦ fɲʡ ɥʘfɲʐ ʤʝ ʣʷ ʥ ls ʙʦʥ ɘʳ ⍑ ʦʱ ʐʱ ʝ ʣɋʡ è.
ɼ fɰɋ ʇ lsʦls fɰʐɥʘʡ ʧʨʘɘɋʣ ʣʦ ʦlsʥ fɲsɋ ʡ ʨʘʟʨʷʜʐ ʨʷʜʦɘʳ ⍑, lsʦ ʦ fɰʥ ʜʐʶ ʱ ʝ ʤʇ lsʦɢʦ fɲʘʟʘlsᴵ
ʥ ʣ ʟʷ. ɟ ʨʝ ʜfɲsʘɘ ʥ ʣɋʝ ʊʝ ʘlsʨʘɢɋʧʣʦʟʘʧʨʦ⍑ʦʜɋʣʦ ɘʦ ʇ fɲʝ fɲʦʶ ʟʣʦʤ ʡʘʜɋʦʣʦɢɋɥʝ fɲʦʤ ɥʝ ʣlsʨʝ.
ʇ ʡʦʣʬ ʝ ʨʝ ʣʯɭ-ʟʘʥ ʜʦʨʦɢʘʷ ʬ ɋʣfɲʘʷ ʤʝ ʙʝ ʣ, ʘʡ ʐfɲsɋɥʝ fɲɋʝ ʡʦʣʦʣɋ. ʅ ʘfɲʝ ʥ ð ʘfɲʦʨlsɋ ɋʟ
ʙʝ ʣ ⍑ ⍑ʘʣʘlsʦɘ ɋ ʡʦfɲsʶ ʤʦɘ çʘʜɋʜʘfɲè. ʏ ʝ ʨʝ ʟ ʥ ʡʦlsʦʨʦʝ ɘʨʝ ʤʷ ʧʦfɰʥ ʣʘɥʘʣʘʜʝ ʤʦʣfɲsʨʘɥɋɋ ʤʦʷ
ʘfɲɋfɲsʝ ʣʡʘɢʦɘʦʨɋls: çɟ ʦʜ⍑ʦʜɋʣɋ "lsʦɘʘʨɋʱ ɋ" ɋʟ ʤʝ ʜʧʝ ʨfɲʦʣʘʣʘɋ ʧʨʦfɲɋʣɋ ʧʝ ʨʝ ʜʘlsᴵ, ɥlsʦ ʣʘ
fɲʝ ʥ lsʷʞ ʝ ʣʦʙʦʣ ʣ ʝ ʧʦfɰʥ ʦʧʝ ʨʘɥɋɋ. ɟ ʦfɲʦʣ ʡʐ ɘ ɥʝ ʣlsʨʝ ɘ ʦfɲʣʦɘʣʦʤʜʝ ʣʘ ls lsʦʣ ʡʦ
fɲʝ ʨᴵ ʝ ʟʣ ʝ ʦʧʝ ʨʘɥɋɋ ʣʘfɲʝ ʨʜɥʝ, ʜʝ ʣʘʡ ɘʳ ɘʦʜʳ è. ʇ ʳ ɘʦʜʳ ʷ fɲʜʝ ʣʘʣʐɘ ʧʨʷʤʦʤ ɋ ʧʝ ʨʝ ʣʦfɰʦʤ
fɰʤ fɰʣʘ⍑. ɕ fɲsʘʣʧʦ ʦʜʣʦʤʐ ɘʳ ɘʦʜɋlsᴵ ʙʦʣ ʣ ⍑ ɋʟ ɢɋʧʣʦʟʘɋ fɲʧʨʘʳ ɋɘʘlsᴵ, ʡʘʡ ʇ lsʦ ɘʦʜɋlsfɲʷ, ʦ
ʟʜʦʨʦʦɘᴵ ʝ. ʆ ʜʣʘʞ ʝ ʣʘ ɋʣʘ, ʦlsʡʨʝ ɘ ɢʣʘʟʘ ʜʦʣɢʦ ʦfɰʤʘʨʘlsɋʟʘʟʘʣ, ʤʝ ʣʷ ð ʥ ɘ fɰɋʣʘ⍑
fɲʧʦʙʨʘʟɋls ᴵ, ɢʜʝ ʦʣʘʣʘ⍑ʦʜɋlsfɲʷ ɋ ɥlsʦ fɲʥ ʡ ʧʨʦɋfɲ⍑ʦʜɋls. ʅ ʘʡʦʥ ɥ ɘfɲʝ ɘʦfɲfɲsʘɘʣʦɘɋʣʦfɲ ɘ ʝ ʝ
fɲʟʘʣʘɋ, ɋʷ fɲʧʨʘfɲɋʣ. çʏ lsʦ ɘʳ ʦʱ ʐʱ ʘʝ ls ʝ ? è ð ɘʦɘfɲʝ ʥ ɋʤʝʷ ɘ ɘɋʜʐ fɲʝ ʨʜɥʝ ɋ ʦʧʝ ʨʘɥɋɋʶ ʣʘ
ʥ ʤ ʉ ʣʘɥʘʣʘʦʣʘʦʱ ʐʧʘʣʘʟʘʣʘʟʘʤɋ fɲʦʝ ls ʝ ʣʦ, ɥlsʦ-lsʦ ʤʐɥɋlsʝ ʣ ʣʦ ʧʨɋʧʦʤɋʣʘʷ. ɕ ɘʝ ʞ ʣɋɘʦ
ʧʦɋʣʦʝ ʨʝ fɲʦɘʘʣʘʣfɲʷ: çʇ ʳ ɥlsʦ-lsʦ ʧʦlsʝ ʨʷʣɋ?è ð çɸ ɢʜʝ ʤʦʝ fɲʝ ʨʜɥʝ ? ʊʦ ʝ fɲᴵ ,ð ʧʦʧʨʘɘɋʣʘfɲ ʦʣʘ
ð ʷ ⍑lsʝ ʣʘfɲʟʘʟʘlsᴵ, ɥlsʦ ʷ ʥ ɥʐɘfɲsɘʐʶ ʙʦʣɋ. ɼ ʝ ʣʦ ɘ lsʦʤ ɥlsʦ ʤʥ ʥ fɲʦʣ ʡʦ ʜʥ ʡ ʣʘʟʘʜ
fɲʜʝ ʣʘʣɋ ʦʧʝ ʨʘɥɋʶ ɋ ɘfɲ ʇ lsʦ ɘʨʝ ʤʷ ʷ ɥʐɘfɲsɘʐʶ ʙʦʣ. ʉ ʝ ʡɥʘfɲʥ ɥʐɘfɲsɘʐʶ è-ɕ ʥ fɲʨᴵ ɘʘʣ
lsʦʨʞ ʝ fɲʘɘʘ, ʤʥ ʙʳ ʣʦ ʧʨɋʷlsʣʦ. ʅ ʦ, ʥ fɲʤʦlsʨʷ ʣʘlsʦ ɥlsʦ ʧʦʜʦʙʣ ⍑ fɲʘʤʦlsʨɋlsfɲʷ ɘ ɘ ʇ lsʦls ɘʝ ɥʝ
ʙʳ ʣʦ ʥ ʤʘʣʦ, ʣɋʡlsʦ ɋʟ ʤʝ ʜʧʝ ʨfɲʘʣʘʣʘʥ ʧʨʦʷɘɋʣʣʣ ʙʦʧʳ lsfɲʦɘʘ.

Джеймс Брэйд

ʰ ʘʣʐʣʝ ʢ ʯʠʠ ʢ ʨʣʐʧʣʦʛʦ ʰ ʦʪʦʣʘʣʜʩʢʦʛʦ ʘʣʘʪʦʣʒʘɸ ʣʝ ʢ ʩʘʣʜʨʘʆ ʦʣʨʦ-ʩʧ ʣʘ ʢʦʪʦʨ ʡ ʜʦ 1846 ʛʦʜʘ
ʟʘʝ ʜʦɘʘʣʢʘ ʝ ʜʨʦʡ ʘʣʘʪʦʣʒʠʠ, ʜʦʩʪʘ ʰ ʝ ʡʩ ʝ ʣʒʐ ʧʦ ʣʘʩʠʝ ʜʩʪɘʐ ʦʪʦ ɸ ʣʝ ʢ ʩʘʣʜʨʘʆ ʦʣʨʦ-ʦʪʦʯʘ
(1733ð 1817).

ʅ ʦ ɘʨʝ ʣʒ ʦʙʐʯʝ ʣʠ ɹ ʨʡʜ ʩʙʣʠʟʠʣʩ ʩʩʨʦʣʒʅ ʝ ʡɘʠʜʦʣʒɹ ʨʡ ʩʪʝ ʨʦʣʒ ʩʝ ʢʨʝ ʪʘʨʝ ʣʒ ʂ ʦʨʦʣʝ ɘʩʢʦʛʦ
ʣʝ ʜʠʯʠʣʩʢʦʛʦ ʦʙ ʝ ʩʪɘʘ* ɘ ʢ ʜʠʣʙʐʨʛʝ. ʅ ʝ ʧʦʜʜʝ ʣʐ ʣʐ ʡ ʠʣʪʝ ʨʝ ʩɘ ʟɘʘʣʐʐ ɹ ʨʡʜʘʢʨʣʐʛʦɘʦʨʦʨʪ
ɹ ʨʡ ʩʪʝ ʨʘɘ ʣʘʣʐʢʝ. ʂ ʝ ʡɘʠʜ ʨʨʦʜʠʣʩ 11 ʜʝ ʢʘʙʨ 1781 ʛʦʜʘʠ ʧʦʩʝ ʢʦʨʪʩʢʦʡ ʧʦʧ ʪʢʠ ʩʪʘʪ
ʘʨʣʒʘʯʝ ɘʪʦʣʒ ʩʪʘʣʜʦʢʪʨʦʪʣʒ ʧʨʘɸʘʠ ʘʜɘʦʢʘʪʦʣʒ ʅ 1819ð 1824 ʛʦʜʘʭ ʠʟʜʘʪ ʩ ʂ ʞ ʝ ʡʣʒʩʣʒ
ʢʜʠʣʙʐʨʛʩʢʠʡ ʠʣʩʩʢʠʡ ʞ ʐʨʣʘʣʘʠ, ʘ 1832 ʛʦʜʘð ʢʆ ʦʣʜʦʣʩʢʠʡ ʠ ʢ ʜʠʣʙʐʨʛʩʢʠʡ
ʠʣʩʩʢʠʡ ʞ ʐʨʣʘʣʘʠ. ʝ ʨʣʐ ʐʯʝ ʣʦʛʦ ʧʨʠʣʘʜʣʝ ʞ ʠʪ ʢʘʧʠʪʘʣ ʘʘ ʙʠʛʨʘʠ ʠ ʅ ʅ ʪʦʣʘ
ʩʦʭʨʘʣʐ ʘ ʜʦ ʩʭ ʧʦʨ ʩʧʦʪ ʟʣʘʯʝ ʣʘʠʝ. ʅ ʨʡ ʙ ʣʐʣʐʜʠɘʣʝ ʣʐ ʐʟʣʘɘ, ʯʪʦ ʩʧ ʨ ʅ ʨʡ ʩʪʝ ʨ ʩʦʣʐ ʢʦ ʩʧ
1831 ʛʦʜʘ ʢʦʛʜʘʝ ʣʜʐ ʠʩʪʦʣʣʣʠʣʩʧ 50 ʣʝ ʩ, ʣʘʯʘʣʟʘʣʣʠʣʘʩ ʩʧ ʠʟʠʢʦʡ, ʩʢʦʪʦʨʘʦʡ ʐʞ ʝ ʣʝ
ʨʘʟʣʐʯʘʣʩ ʣʠʢʦʛʜʘ ʆ ʣʙ ʩʪʨʦʩ ʩʪʘʣʦʠʩʩ ʠʟɘʝ ʩʪʣʐ ʣʒ ʠʟʠʢʦʣʒ ʧʨʦʝ ʧʩʪʦʨʦʣʒʠ ʨʝ ʢʪʦʨʦʣʒ
ʢ ʜʠʣʙʐʨʛʩʢʦʛʦ ʐʣʘʠɘʝ ʨʝʯʠʪʝ ʩʘ. R L ʝ ʛʦ ʟʘʡʣʐʛ ʨʡ ʜ ɘ ʜʝ ʣʐ ʣʠʧʨʦʣʝ ʜʦɘʘʣʘʝ ʧʦʣʐ ʨʠʟʠʯʠʠ ʧʨʝ ʩʘ,
ʦʪʢʨʡ ʩʠʝ ʢʨʣʐʛʦɘʦʡ ʧʦʣʐ ʨʠʟʠʯʠʠ, ʢʦʣʦʪʣʐʠʪʘɘʘʣʘʝ ʦʪʩʪʛʨʘʠ ʠʯʝ ʩʪʦʡ ʢʘʣʝ ʨ ʧʜɘʣʐʣʒ
ʧʝ ʢʘʘʣʠ ʜʣʐ ʦʪʩʪʛʨʘʠ ʠʨɘʘʣʘ ʧʝ ʨʝ ʩʧʩʦʧʠʯʝ ʧʠʡ ʢʘʨʠʩʠʣʐʠ ʠʟʦʙʨʝ ʩʝ ʣʘʝ ʦʧ ʩʠʯʝ ʧʩʛʦ
ʧʨʠʙʦʪʨʘð ʢʘʣʝ ʜʦʧʩʪʘ.

ʢ ʩʦ ʧʨ ʨ ʅ ʨʡ ʧʩʝ ʨ ʧʨʠɘʠʣʐ ʞ ʝ ʣʒʧʣ ʅ ʨʡ ʜʣ ʣʒ ʙʦɘ ʢ ʝ ʧʩʝ ʧʩɘʝ ʣʘʣʐ ʣʒ ʣʘʣʢʘʣʒ ʅ ʘʝ ʛʦ ʧʯʩ,
ɘʠʜʠʣʦ, ʣʘʜʦ ʦʪʩʣʝ ʧʩʠ ʠ ʣɘʣʝ ʯʝ ʣʘʝ ʣʒʩʣʘʜʦʛʦ ʧʩʣʜʝ ʣʩʘʦʩʪʩʠʢʦʡ. ʅ ʝ ʩʦ ʣʘʠ ʧʦʜʩʦʣʣʘʣʘʣʦ
ʅ ʨʡ ʜʘʢ ɘ ʙʦʨʣ ʧʨʦʩʝ ʧʨʠʯʠ ʭʠʨʘʣʨʘʛʘ-ʦʩʘʣʐ ʣʩʣʦʛʘ? ʅ ʘʢʦʣʐʯɘ ʣʝ ʜʠʯʠʣʩʢʠʡ ʘʢʣʐʣʐ ʩʝ ʩ
ʣʘʠɘʝ ʨʠʟʠʩʝ ʩʘ, ʂ ʞ ʝ ʡʣʒʧʩʘʞ ʠʨʦʩɘʘʣʘʣʒ ʣ ʜʦʢʩʪʨʦʘʠ ʣʘʝ ʨʣʝ ʣʘʠ ʝ ʛʦ ʧʨ ʣʘʜ-ʨʘʡ ʘʨʣʐ ʟʘ
ɸ ʣʜʝ ʨʣʘʣʘʠ ʛʦʨʦʜʢʘLeith. ʅ ʦʣʐʯʝ ɘ ʜʠʧʣʘʣʘʣʒ MRCSE, ʦʣʐʧʨʝ ʣʐʣʐʧʨʝ ʜʣʦʞ ʝ ʣʘʝ ʟʘʣʐʩ ʧʦʧʩ
ʭʠʨʘʣʨʘʛʘɘ ʘʢ ʯʠʦʣʝ ʨʘʣʒʩʣʦʣʦʣʘʠʠ, ʟʘʣʘʜʘ ʰ ʝ ʡʩ ʨʟʨʙʦʩʢʦʡ ʣʛʦʣʐ ʣʐ ʭ ʣʝ ʧʩʦʩʢʝ ʜʝ ʣʘʡ,
ʨʧʦʣʘʢʝ ʣʘʣʘʡ ɘ ʛʨʘ ʧʩɘʝ Hopetown's. ʉ ʣʘʯʘʣʘʦʣʐʣʐʧʝ ʰ ʣʘʩ ʣʝ ʯʠʣʰ ʘʭʩʝ ʦʩɘ ɘ ʆ ʘʣʢʘ ʠʨʝ,
ʟʩʝ ʣʨʝ ʰ ʠʣʟʘʣʐʩ ʧʨ ʯʧʩʣʩʡ ʧʨʘʢʩʠʢʦʡ ʧʦʜ ʨʣʐʢʦɘʦʜʧʩɘʦʣʒʜ-ʨʘMaxwell'ʘɘ Damtris.
" ʂ ʦʪʦʣʝ ɘʧʩʝ ʣʝ ʜʠʯʠʣʩʝ ʦʙʰ ʝ ʧʩɘʦ ʦʧʣʘɘʘʣʘʩ ɘ 1737 ʛ., ʧʨʝ ʜʰ ʝ ʧʩɘʝ ʣʘʣʘʠʯʝ ʡ ɘʣʐʝ ʩʧ
ʂ ʦʪʦʣʝ ɘʧʘ ʣʝ ʜʠʯʠʣʘ ʰ ʢʦʣʘ ʦʣʘɘʘʣʘʣʘ ʂ ʞ. ʂ ʘʣʐ ʩʦʣʦʣʐʯɘ ʢ ʜʠʣʙʐʨʛʝ ɘ 1681 ʛ.

ɼ tsʕlststɕɹ tɕˡ ʔʜ fɲʧȷ ɥʗʘdʑʗʟʗtɕtsɘʘdʑfɲʷ ɘ tsʙdʑʘfɲ̊sʗ tsʬ lsʘdʑ dʒtsdʑtsɢʗɥ̊ fɲ̊tsʔ ⁼ʗtɕdʑtɕɢʗʗ, tsʙȷʱ ʘʚʰ ȷʔ fɲ̊sʘlsᴵ ʧȷ tɕfɲʧȷ ʕlsʗɘdʑtsʔ. ʉ ʗdʑsȷ tɕȷ fɲtsdʒɹ tɕˡ ʔʜ ɥʗlsʘdʑ, ɥlsts ɘ XVI ɘȷ ʕȷ fɲʘʕ fɲtsdʑfɲ̊ʗʔ ɘtɕʘɥ˞ ɻ ȷ tstɕɢ ɹ ʘtɕlsʗʰ ɘ fɲɸtsȷ dʒlzɥ̊ ʙdʑʗʕȷ ts ɢdʑʘʟdʑ ⁼ ʙtsdʑ̊ʟdʑʷ⁼ ʟʘʧtɕȷʱ ʘdʑdʑtsfɲʗlsᴵ tsɥʕʗ. ʆ lstɕʘʜdʑts ʙʳ dʑts lzʟdʑʘlsᴵ, ɥlsts ʗʜȷʗ ʗfɲʧtsdʑ ʟtsɘʘdʑʗʷ ⁼ʗtɕdʑtɕɢʗɥ̊ fɲ̊ʗ⁼ tsʧȷ tɕʘɥʗʔ ʜdʑʷ dʑ̊ɥ̊ dʑʗʷ ɢdʑʘʟdʑ ⁼ ʙtsdʑ̊ʟdʑ̊ʔ ʧtɕʗdʑʘʜdʑ̊ʞ ʘls ʘdʑɢdʑʗɥʘdʑʘdʒ ʉ tɕȷ ʜʗ ʧtsʧlzdʑʷtɕdʑ ⁼ ʗdʒ̊ dʑ⁼ʗtɕdʑtɕɢtsɘ, ʟʘdʑʗdʒʘʚʰ ʗ⁼fɲʷ ɢdʑʘʟdʑ dʒʗ ʙtsdʑ̊ʟdʑʷdʒʗ, ʬ ʗɢlztɕʗtɕtsɘʘdʑʗ ɼ ʞ ȷʔ dʒfɲʊ ȷ tɕ (1717ð 1802), ɹ ȷ dʑ̊ -ʜʗʕlslzfɲɼ lzʜʜȷ dʑ. ɫ tsfɲdʑ̊ ʜdʑʗʔ dʑʘʧ ʗfɲʘdʑɘ 1729 ɢtsʜlz fɲtsɥʗdʑ̊ dʑʗȷ ts tɕʘʟdʑʗɥdʑ ⁼ ɘʗʜʘ⁼ ʕʘlsʘtɕʘʕls ʗ ʗ⁼ ⁼ʗtɕdʑtɕɢʗɥ̊ fɲ̊tsdʒ dʑ̊ ɥ̊ dʑʗʗ. ɺ dʑʘɥʘdʑ̊ XIX ɘȷ ʕʘ ʰ tslsdʑʘdʑʜfɲ̊ʗʔ ɘtɕʘɥ ɺ. ʄ ʘʕȷ dʑʗ, ʘʚlststɕ ʕdʑʗɢʗ ts ɢdʑʘʟdʑ ⁼ ʙtsdʑ̊ʟdʑʷ⁼, ɘʧȷ tɕɘʳ ȷ ʜdʑʷ dʑ̊ ɥ̊ dʑʗʷ ɢdʑʘlzʕtsdʒʳ ʧtɕʗdʒ̊ dʑʗdʑfɲ̊dʑ̊ tɕtslststsdʒʗʶ ð ʧtɕtsɥ̊ ʜlztɕdʑ lzʜʘdʑ̊ dʑʗʷ dʒʘdʑ̊ dʑ ʕtsɢts ʕlzfɲtsɥʕʘtslstɕȷ ʟʘdʑdʑtsʔ fɲ̊dʑ̊ tɕʳ, ɥlstsʙʳ ʜʘlsᴵ ʞ ʗʜʕtsfɲ̊sʗ ʙtsdʑ̊ȷ fɲɸtsʙtsʜdʑts ɘʳ lsȷ ʕʘlsᴵ ʗʟ ɢdʑʘʟʘ. ɺ 1857 ɢtsʜlz ɼ ʞ tstɕʜʞ
ʂ tɕʗɥ̊ lsls, tsʬ lsʘdʑ dʒtsdʑtsɢ, tɕʘʙtslsʘʚʰ ʗʔ ɘ ʄ tstɕʬȷ dʑ ʜfɲ̊tsdʒɢdʑʘʟdʑtsdʒɢtsfɲʧʗlsʘdʑ̊ ɘ ʃ tsdʑʜtsdʑ̊, fɲdʑ̊ ɢʕʘ tɕʘfɲʱ ʗtɕʗdʑfɲ̊dʑ̊ tɕtslststsdʒʗʶ, lzʜʘdʑʷʷ ɘdʒ̊ fɲ̊sȷ fɲts fɲ̊dʑ̊ tɕtsʔ dʒʘdʑ̊ dʑ ʕʗʔ ʕlzfɲtsɥ̊ ʕ tɕʘʜlzʞ ʕʗ, ʗ dʑʘʟɘʘdʑ tsʧȷ tɕʘɥʗʶ çʗtɕʗʜtslststsdʒʗʷè.
ʂ ʘʕ ⁼ʗtɕdʑtɕɢ-tsʬ lsʘdʑ dʒtsdʑtsɢ ɹ tɕˡ ʔʜ ʧtɕtsfɲdʑʘʚʗdʑfɲʷ ʗfɲ̊lzfɲdʑ dʒlzfɲ̊stɕʘdʑ̊ dʑʗȷ dʒʕtsfɲtsɢdʑʘʟʗʷ, dʑts dʑ̊ dʒ̊ dʑʰ ȷȷ ʧtɕʗʟdʑʘdʑʗȷ tsdʑʟʘʚtsȷ ɘʘdʑʕʘʕ fɲʧȷ ɥʗʘdʑʗfɲ̊s ʧts dʑ̊ tɕɘdʑ dʒʙtsdʑ̊ʟdʑʷdʒ ʆ dʑtsʜdʑʗdʒʗʟ ʧȷ tɕɘʳ ⁼ fɲtstsʙʱ ʗdʑts dʑ̊ ɘtɕtsʟȷ. ʆ ʙˡ lstsdʒʞȷ dʑ̊ tɕɘdʑtsdʒtɕʘfɲ̊stɕtsʔ fɲ̊sɘȷ ʧʗfɲʘdʑʘdʒ̊ tɕʗʕʘdʑfɲ̊ʗʔ dʑ̊ ɘtɕtsdʑtsɢ ʉ. ɺ.
ʄ ʗlsɥ̊ dʑdʑ, tɕtsʜtsdʑʘɥʘdʑ dʑʗʕ ʗʟɘȷ fɲ̊sdʑtsɢts çdʑ̊ ɥ̊ dʑʗʷ dʑ̊ ɘtɕʘfɲ̊sȷ dʑʗʗ tslsʜʳ ⁼tsdʒè.
ʀ ɢtɕʘfɲdʑlzɥʘʷ ʧtɕʗɘȷ dʑʘɹ tɕˡ ʔʜʘɘ ɢtstɕtsʜ, ɘ ʕtslststɕtsdʒtsdʑfɲʜȷ dʑʘdʑdʑʘʙdʑ ʜȷ dʑʗȷ, ʟʘdʑ̊ fɲʱ ȷȷ ȷɢts ʗdʒʷ dʑʘ fɲ̊tɕʗʞ ʘdʑʗ dʑʘlzʕʗ. ʆ ʜdʑʘʞ ʜʳ ɹ tɕˡ ʔʜ ʙʳ dʑʧtɕʗɢdʑʘʰ ȷ dʑʕ ʧtɕtsʞ ʗɘʘʳ ʱ ȷ dʒlz ɘ ʄ ʘdʑɥ̊ fɲ̊sȷ tɕȷ dʒʗfɲ̊sȷ tɕdʑ ɫ ȷ lsʗ. ɼ ɢts fɲʱ ʗʙdʑʘʧtsɥlstsɘʘʷ ʕʘtɕȷ lsʘ ˀ ʗʕlsts dʑ̊ dʑʘʜȷʷdʑfɲʷ dʑʘȷ ɢts ʧtsdʑdʑsȷ ɘʳ ʟʜtstɕtsɘdʑ̊ dʑʗȷ, lsʘʕ ʕʘʕ tsdʑdʑʘ⁼tsʜʗdʑfɲʷ ɘ lsʷʞȷ dʑtsdʒfɲtsfɲ̊stsʷdʑʗʗ. ʄ ȷ fɲ̊sdʑ ȷ ɘtɕʘɥʗ ʙʳ dʑʗ ȷ ʜʗdʑtsʜlzʰ dʑ ɘ lstsdʒ ɥlsts ȷ fɲdʑʗ tsdʑʗ ɘʳ ʕʘtɕʘʙʕʘȷ lsfɲʷ, lsts ʙlzʜȷ ls dʑʘʚfɲ̊ ɢʜʘʕʘdʑ̊ ʕtsʔ. ɹ tɕˡ ʔʜlz ʧtɕʗʰ dʑtsfɲʱ ʧtɕʗdʒ̊ dʑʗlsᴵ ɘfɲ̊ fɲɸtsȷ ɘtɕʘɥ̊ ʙdʑsȷ ʗfɲ̊lzfɲ̊sɘts, ɥlstsʙʳ ɘȷ tɕdʑlzlsᴵ ʧtsʕʘdʑ̊ ɥ̊ dʑdʑtsɢts ɫ ȷ lsʗ ʕ ʧtsdʑdʑtsɥ̊ dʑdʑtsʔ ʞ ʗʟdʑʗ. ɫ tsʧ tɕʘʚʗɘʰ ʗfɲʱ, ʧtɕȷ ʗfɲʧtsdʑdʑ̊ dʑdʑ ʔ ʙdʑʘɢtsʜʘtɕdʑtsfɲ̊sʗ ʕ ʜtsʕlststɕdʑ, tsdʑʗfɲ̊tɕȷ dʑdʑ̊ lzʜʗɘʗdʑfɲʷ lstsdʒlz, ɥlsts lsʘʕtsʔ lsʘdʑʘdʑsdʑʗɘʳ ʔ ɘtɕʘɥ ʧtɕʘʕlsʗʕlzȷ ls ɘ ʧtɕtsɘʗdʑɻʗʗ. ˀ ȷ ʙȷʟ lstɕdʑʜʘɫ ȷ lsʗ lzʙȷ ʜʗdʑɹ tɕˡ ʔʜʘʧȷ tɕȷ ʙtɕʘlsᴵ fɲʷ ɘ ʄ ʘdʑɥ̊ fɲ̊sȷ tɕ, ɢʜȷ, dʑʘȷ ɢts ɘʟɢdʑʷʜ, ʙʳ dʑts ʙtsdʑʰ ȷ ɘtsʟdʒtsʞ dʑtsfɲ̊sȷ ʔ ʧtɕʗdʒ̊ dʑʗlsᴵ ɘtɕʘɥ̊ ʙdʑ ȷ fɲʧtsfɲtsʙdʑtsfɲ̊sʗ. ɫ ȷ tɕȷ ʙtɕʘʚʰ ʗfɲʱ ɘ fɲ̊ dʑsʷʙtɕȷ 1841 ɢtsʜʘɘ ʄ ʘdʑɥ̊ fɲ̊sȷ tɕ, ɹ tɕˡ ʔʜ lzʰ ȷ dʑfɲɢtsdʑtsɘtsʔ ɘ tɕʘʙtslslz.

ʅ ɉ ʞ ʜʘʣʣʘ ɘ ʩʦɕ ʮʘ

ʉ ʦʙ ʪɖɉ, ɘ ʦʜʣʦʮʘʩ ɉ ʧɉ ʦɕ ʤɉ ʣɖɘ ɉ ɉ ʞ ɖʟʣ ɹ ʦɕ ʡʜʘ, ʘɖʤ ʣʣʦ ɘ ʩʦɕ ʮʘʩʞ ɖɘʦʪʣ ʤ
ʤʘʛʣ ʪɖʟʤʦʤ ʧʦɕʦɖʟʦ ʣʦ ʧʦ ʧʦɕɖ꞊ʦʪɖ ʩʜ ʙ . 13 ʣʦ ʙʦɕ 1841 ʛʦʜʘʦʣʦʡʘʟʘʣʩ ʣʘ
ʜɉ ʣʦʣʩʦɕʘʮɖɖ ʞ ɖɘʦʪʣʦʛʦ ʤʘʛʣ ʪɖʟʤʘ ʡʦʪʦʦɕʣ ʧʦɕʦɘʦʜɖʣʩʦɕʘʣʩɘʣ ɖʡ ʛɖʧʣʦʪɖʟɉ ʦɕ ɖʟ
ʐ ɘɉ ʡʮʘɕɖɖ, ʦɕʘʣʪʟ ʐ ʘɕʣ ɾ ʘʡ ʃ ʘʦʣʪɉ ʣ(J. La Fontaine), ʡ ʩʣʦɘʣ, ɘʣʣʡ ɖʟɘɉ ʩʣʦʛʦ
ʙʘʩʣʦʧɖʩʮʘɖ ʣʮɉ ʣɖʡ ʄ ɉ ʩʤ ʦɕʘ. ʅ ʘʜʦ ʩʡʘʟʘʪ, ʮʪʦ ʧʦʣʘʮʘʣʣ ɹ ʦɕ ʡʜ, ʡʘʡ ɖ ʜʦɕʣʛɖɉ, ʩʮɖʪʘʣ
ʤʘʛʣ ʪɖʮ ʩʡɖɉ ʬ ɉ ʣʦʤɉ ʣ ʤʦ ɉ ʣʣɖʮ ʩʘʦʤ

ɹ ʦʪ ʡʘʡ ʦʧɖʩʘʣʘʛʘʟɉ ʪʘçʄ ʘʣʮ ʩʤɉ ʦɕʛʘʦɕʜɖʘʣè ʩʘʣʩ ʘʦʣʪɉ ʣʘ, ʧʦɕʦɖʩ꞊ʦʜɖɘ ɖʡ ɘ ʟʘʣ
ʤɉ ʩʣʦʛʦ ʣʘʣʮʣʦʛʦ ʦʙ ɉ ʩɘʘçɸ ʪɉ ʣʣʤè. ʅ ʘ ʩʦɕʘʜʣ, ʛʜɉ ʣʘ꞊ʦʜɖʣʩ ʃ ʘ ʦʣʪ ʣ, ʧʦʜʣ ʣʩ
ʞ ɖʪɉ ʣ ʄ ʘʮʩ ʤʦɕʘçʩ ɕʟ. ɿ . ʃ ɖʣʣɖʣ, ʦʜɖʣɖʟ ʜɖʦɉ ʡʪʦʦɘ "ɸ ʪɉ ʣ ʣʤʘ", ʡʦʪʦʦ ʡ ʦɕʘʟʦɉ ɖʣ
ʣʘʤ ʣʘʟɘʘʪ ɉ ʛʦ ɖʣʤ ʡʘʡ ʩʦɉ ʜʩʪɘʦ ʣʩʦɕʘʣɖʪ ɘʩ ʩʦʤʣɉ ʣɖ ɖ ʦɕʘʟʦɕʣ ɖʪ ɘʩ ʧʦʜʦʟʦɉ ʣɖ ʧʦ
ʦʪʣʦʣ ɉ ʣɖ ʡ ʪʦʣʤʣ, ʡʪʦ ɉ ʛʦ ʤʘʛʣ ʪɖʟɖʦɕʦɘʘʣ. ɹ ʩʤ, ʡʪʦ ʟʣʘɉ ʪ ʩʦʘʃ ɖʣʣɖʣ, ʟʣʘ ʪ, ʮʪʦ ʦʣʣ
ʣ ʩʧʦʩʦʙɉ ʣʡ ʤʘʣʡ ʡ ɉ ʣʣ ʡʣʤʦɘʩɘʣ ɖ ɉ ʛʦ ɕɉ ʧʣʪʘʮɖ ʡʘʡ ʮɉ ʣʦɘɉ ʡʘʦʙɕʘʟʦɘʘʣʣʦʛʦ ɖ ʣʮɉ ʣʦʛʦ
ʣ ʧʦʟɘʦʣʬɉ ʪ ʧɕɉ ʜʧʦʣʦʞ ɖʪ, ʮʪʦ ʡʘʡʦɉ ʙ ʪʦ ʣɖ ʙ ʣʦ ʜɉ ʡʩɘɖɉ, ʡʦʪʦʦɕʦɉ ʦʣʣɖʩ ʪʘʣ, ɘʣɉ ʪʩ
ʧʦɕʦʜʣʡʪʦʣʤɖʟʣɖ ʣʛʦ ɖ ʣɘɉ ʞ ɉ ʩɘɉ ʣʣʦʛʦ ɘʦʦʙʦɕʘʞ ɉ ʣɖ. ʉ ʦɕ ʃ ɖʣʣɖʣ ʙ ʣʣɘɉ ɕʦʣ ʣʦ ʣʦʣ
ʩʡʦ ɘʘʣʩʩʦʦ ʣʤʣɖɉ, ʧʦʡʘɉ ʛʦ ʩʦʙʩɉ ʣʣɉ ʟʣʘʘɖɉ ʣ ʤʘ ʧʦʣʦʣʦʛʣʦ ɉ ʣʤʣ ʩʦʩʘɘɖɉ. ʉ ʦɕ
ʃ ɖʣʣɖʣ ʪɉ ʦʧɉ ʣɖɘʦ ʞ ʜʘʣ. ʃ ʘʦʣʪɉ ʣ, ʡʦʪʦʦɕ ʡ ʟʞɉ ʦʮɉ ʣ ʟʩʘʣ, ʣʘʮʘʣʙɉ ʟ ʣʘʜɉ ʞ ʜ ʣʘʟʩɉ꞊,
ʣʦ ʮɉ ɕʟ 10ð 11 ʣɖʣʣʪ ʦʣʟʘʡɕ ʣʧʘʮɖɉ ʣʣʣ ʛʣʘʟʘ, ɘ ʟɘʘʣ ʩʦʣʣɖɘʦʩʦ, ʮʘʩʦɖʮʣʣ
ʤɖ ʮʣɘʩɘɖʪɉ ʣ ʣʦʩ, ʘʟʘʪɉ ʤ ɖ ʧʦʣʣʣ ʡʘʪʘʤʧɖ. ʅ ʦʛɖ ʟʘʤʘʛʣ ʪɖʟɖʦɕʦɘʘʣʣʦʛʦ, ɘ ʪʣʣʣ ɉ,
ʤ ʣʧʘʣɖ ɘʣɖʟ, ʡʘʡ ʟ ʦʙ ʮʣʦ ʩʧ ɉ ʛʦ ʮɉ ʣʦɘɉ ʡʘ ʣʦ ʦʧʟ ʩʡʘʣɖʩ ʧʦʩʪɉ ʧɉ ʣʣʦè. ɼ ʘʣɉ, ʧɖ ɉ ʪ
ʛʘʟɉ ʪʘ ʩʜ ɕʃ ɖʣʣɖʣ ʙ ʣʧʦʣʣʦʩʩ ʟʘʤʘʛʣ ʪɖʟɖʦɕʦɘʘʣð ʣɖ ʟʡʦʣ ʙʟʣʘɘʡʦʡ, ʣɖ ɘ ʩʦʣɕʣ
ɖʟ ʧɖʩʦʣʤʪʘʣʜ ʟ꞊ʦʣʤ ʣɖ ʧʦʜʣ ʩʤ ʣʣʣ ʡ ʡ ʩʘʣʤʣ ɉ ʛʦ ʣʦʩʣʩʘ ʣʣ ʡ ʩʧɖʦɕʘʣ ʣʤ ʘʟʙʟʜɖʣɖ
ɉ ʛʦ. çʄ ʣʙ ʣʩʦʣʦɘʣʦ ʤʦɕʘʘ ʡè. ʈ ʘʟʙʟʞ ɉ ʣʣ ʡ, ʦʣʦɕʘʩʩ ʘʟʘʣʦ ʩʩɖ꞊ ʦ ʟ ɉ ʣɖ꞊. çʄ ʣ
ʮʟɘʩʦɘʦʣ ɉ ʡʦʪʘʣʣɖɉ ʧʦ ɘʩʤʣ ʪɉ ʣʣ ɖ ʡ ʦʤɉ ʣʣ ʮʣʦʩʩ꞊, ʟʘʪɉ ʤʜʦɉ ʤʪʪ. ʊ ɉ ʣʦ ʡʘʡ ʙʟʜʪʦ
ʧʦʛʦʣʞ ʘʣʩʩ ɘ ʤʪɕɉ . ʃ ʣʩʘʣʡʘʡ ʙ ʤɉ ʦɕɘ ʜʣ ʦʡʦʣʞ ʘ ɉ ʛʦ, ʣʣ ʮʟɘʩʦɘʦʣ, ʮʪʦ ɘʦʡʦʣʛ
ʧʦɕʦɖʩ꞊ʦʜɖʪ ʮʪʦ-ʪʦ, ɘ ʮɉ ʤʦʣɉ ʤʦʞ ɉ ʪ ʜʘʩ ʩɉʙɉ ʩʣʣ ʡ ʦʪʮɉ ʪ...è

ʈ fŋʤʨ ʥʘ lststʤ fŋʘʥfŋ ʤʘɠʥ lsɕʟȷ tɕʘʧtɕɕfŋlsfŋsɘtsɘʘʥɕ 1200 ʮ-ʥtsɘȷʢ, lsts ʥʘfŋʥ ʜlzʶ ȷ ʤ fŋtstsʙ ʘȷ ls

tɕȷ ʧtstɕsȷ tɕ ɕʟ çʄ ʘʥʮ fŋsȷ tɕ ɢʘtɕʜɕʘʥè, ɕ ʙʳ ʥts lzʞȷ 1500. ʈ ȷ ʤtsʥfŋstɕʘʮɕʷ ʤtsɢlzʱ ȷ fŋsɘʘʤʘɠʥ lsɕʟȷ tɕʘ
ʧtɕts tsʜɕʥʘɘ ʧȷ tɕȷ ʧtsʥʥ ʥʥtsʤ ʟʘʥ. ʃ ʘ tsʥsȷ ʥʥ ɢʢtsʡ ʧts tsʜʢtsʡ ɘʳ ʰ ȷ ʥʥʘfŋʮ ʥlz. ʅ ʘʥ ʤ ʙʳ ʥɕ
ʥʘɠʥlz ts ʟʘfŋsȷ ɢʥlzlsʳ ʡ ʮ tɕʥ ʡ fŋ tɕslzʢ ɕ ɘʳ fŋtsʢɕʡ ʮɕʥɕʥʜtɕ ʆ ʙɘȷ ʜʷ ʧtɕɕlsɕ ʱ ɕʡ ʟʘʥ
ʧtɕtsʥʟɕlsȷ ʥ ʥ ʤɘʟɠʥʷʜtsʤ tsls ʢtslststɕtsɢts ʤʥtsɢɕȷ ɘtsʙtɕʘʥɕ ɢtsʥtsɘlz ɘ ʧʥ ʮɕ, tsʥɘʳ ʟɘʘʥ
ʜtsʙtɕtsɘtsʥ ʮʘ ʀ ʤtsʢʘʟʘʥfŋʷ fŋ tɕ ʌɕɢɢɕʥfŋ ɫ tsfŋʘʜɕɘ ȷ ɢts ʥʘɘtsʟɘʳ ʰ ȷ ʥɕȷ, ʃ ʘ tsʥsȷ ʥʧtɕɕʢʘʟʘʥ
fŋʤtslstɕȷ lsᴵ ʥʘɢtstɕʥ ʰ ʢts ʙlzlsʳ ʥʢɕ, ʥ tslstɕʳ ɘʘʷ fŋ ɕ ʥ ʤtstɕɢʘʷ. ɫ tsfŋʥ ʜtsʥɢtsʡ ɕʢfŋʘʮɕɕ ɘʟɢʥʷʜtsʤ
ʙlzlsʳ ʥʢɕ ɢʥʘʟʘfŋ tɕʘʌɕɢɢɕʥfŋʘʟʘlslzʤʘʥɕʥɕfŋ, ʧtɕtsfŋʥ ʟɕʥɕfŋ ɕ ʤȷ ʜʥ ʥʥts ʟʘʢtɕʳ ʥɕfŋ. ɺ fŋʥ ʜ ʟʘ
ɭ lsɕʤlz ʥ ɢts ɘtsʟʥɕʢʥts ʢʘʢtsȷ-lsts ʟʘɢʘʜtsʮʥsȷ fŋtsfŋstsʷ ʥɕȷ, ʧtsʟɘtsʥɕɘʰ ȷȷ ɘʥlzʰ ʘlsᴵ fŋʘʤ ȷ fŋstɕʘʥʥ ȷ
ɕʥʥ ʟɕɕ: çʢʘtɕʘʥʜʘʰ ɘts tɕslz fŋʥlzʞ ɕls fŋɕɢʘtɕtsʡè. ʌɕɢɢɕʥfŋʧʳ lsȷ ʥʢʘʢ ʧʘtɕtsɘtsʟ, ɘʳ ʧlzfŋʢʘʷ
ʢtsʥ ʮʘʤɕ ʢʥlzʙʳ ʜʳ ʤʘ çɺʳ ʥ ʤtsʞȷ lsȷ ɕʜlsɕ ɘʧȷ tɕȷ ʜ, ɘʳ ʤtsʞȷ lsȷ lstsʥ ʢts ʧʷlsɕlsᴵ fŋʷè,ð ɘʥlzʰ ʘʥ
ɠɕʧʥlslsɕʟȷ tɕ ʌɕɢɢɕʥfŋʜȷ ʥʘʥlzfŋɕʥɕʷ fŋslzʧɕlsᴵ ɘʧȷ tɕȷ ʜ, ʥts ɘfŋʷʢɕʡ tɕʘʟ ʢʘʢʘʷ-lsts fŋɕʥʘ
ʧtɕȷ ʧʷlsfŋsɘtsɘʘʥʘȷ ɢts fŋsʘtɕʘʥɕʷʤ ɕ tsʥʧʷlsɕʥfŋʷ ʥʘʟʘʜ. ɫ ts ʧtɕɕtslsɕ ʃ ʘ tsʥsȷ ʥʘʌɕɢɢɕʥfŋlsts ʥ ʤ ʥ,
lsts ʟʘɕʢʘʥfŋʷ... ɺ ɭ lststsls ɘȷ ʮ tɕ fŋʮ ʥɕʮ fŋʢʘʷ ʞ ɕʟʥ fŋ tɕʘʌɕɢɢɕʥfŋʘʙʳ ʥʘʥʘʧtsʥʥ ʥʘʥ tsʞ ɕʜʘʥʥ ʤɕ
ʧtɕɕʢʥ ʮ ʥɕʷʤɕ.

ɫ tsɘȷ ʜȷ ʥɕȷ ʌɕɢɢɕʥfŋʘʤtsʞ ʥts ɕ ʜʘʥ ʰ ȷ tsʧɕfŋ ɘʘlsᴵ, tsʥts ɘʳ ʟʳ ɘʘȷ ls ʥ ʙtsʧʳ lsfŋsɘts, ʥts ʜʥʷ ʥʘfŋ
ɕʥsȷ tɕȷ fŋʥȷ ʧtsʥʷlsᴵ, ʮlsts ʜlzʤʘʥɘ ɭ lststsls ʤtsʤ ʥs ɹ tɕᴵ ʡʜ. ʈ ɢts tsʙlztɕȷ ɘʘʥɕ ʧtɕtslsɕɘtstɕȷ ʮɕɘʳ ȷ ʤʳ fŋʥɕ.
ɺʳ ʧlzfŋʢʥɕʢ ʢ ʜɕʥʙlztɕɢfŋʢtsɢts lzʥɕɘȷ tɕfŋɕlsȷ lsʘtstɕɕȷ ʥsɕtɕtsɘʘʥfŋʷ ɘ fŋtsȷ ʤ ʧtɕȷ ʜfŋsʘɘʥ ʥɕɕ ts
ʧfŋɕ ɕʮ fŋʢtsʡ ʜȷ ʷlsȷ ʥ ʥtsfŋsɕ ʥʘʢtsʥʮ ʧ ʮɕʶ çʟʜtɕʘɘtsɢts fŋʤ fŋʥʘè, fŋsʘɘʰ lzʶ ɘ XVIII ɘȷ ʢȷ
ʧtsʧlzʥʷtɕʥtsʡ lz çlstɕȷ ʟɘtsʡè ʘʥɢʥɕʡ fŋʢtsʡ ʙlztɕʞ lzʘʟɕɕ. ʉ tsɢʥʘfŋʥts ɭ lstsʡ ʢtsʥʮ ʧ ʮɕɕ, ʧtɕȷ ʜʥtsʞ ȷ ʥʥtsʡ
ʈ ɕʜtsʤ* ɕ tɕʘʟɘɕlstsʡ ʈʶ ɢʘʥ lststsʤʉ lsʶ ʘtɕstsʤ ʢʘʞ ʜʳ ʡ ʮ ʥtsɘȷʢ tɕtsʞ ʜʘȷ lsfŋʷ fŋʟʘʧʘfŋtsʤ ʧtɕɕʥʮɕʧtsɘ ɕ
ɕfŋsɕʥ, ʧtsʟɘtsʥʷʶ ʱ ɕ ȷ ʤlz ʥ ʟʘɘɕfŋɕʤts tsls tsʧʳ lsʘtɕʘʟʥɕʮʘlsᴵ ʧtɕȷ ʢtɕʘfŋʥsȷ ɕ ʙȷ ʟtsʙtɕʘʟʥsȷ, ʜlztɕʥsȷ ɕ
tststɕtsʰ ȷȷ. ɹ tɕᴵ ʡʜ tsʙʥʘʜʘʥʢtɕɕlsɕʮ fŋʢɕʤ fŋʢʥʘʜtsʤlzʤʘɕ, ɢʥʷʜʷ ʥʘʤʘʥɕʧlzʥʷ ʮɕɕ ʃ ʘ tsʥsȷ-

* ʈ ɕʜ ʊtsʤʘfŋ(1710ð 1796) ð ʰ tslsʥʘʥʜfŋʢɕʡ ȷ fŋsȷ fŋsɘtsɕfŋʧʳ lsʘsȷ ʥ, ɕʥtsfŋtsʷ ɕ ʧfŋɕ tsʥtsɢ,
ʧtɕȷ ʧtsʜʘɘʘsȷ ʥ ʢ ʜɕʥʙlztɕɢfŋʢtsɢts lzʥɕɘȷ tɕfŋɕlsȷ lsʘ, tsfŋʥtsɘʘsȷ ʥ ʰ tslsʥʘʥʜfŋʢtsʡ ʧfŋɕ tsʥtsɢɕʮ fŋʢtsʡ
ʰ ʢtsʥ, ʧtɕȷ ʜʥtsʞ ɕɘʰ ɕʡ ʢtsʥʮ ʧ ʮɕʶ çʟʜtɕʘɘtsɢts fŋʤ fŋʥʘè.

ʆ ꞔ꞊ʘꞔʆʤʐʐ꜀ ʦʡ ʬ ʝ ʪ

ʥʘ, ʤʝ ʨʘʩʝ ʨʷ ʥʐ ʩʦʡ ʟʘʧʘʩʧ ʟʜʨʘ ʦɢʦ ʩʤʐ ʩʥʘè. ʕ ʪʦ ʧʦʟɘʦʥʆʥʦ ʤʝ ʜʦʧʐʩʘʪ ʤʒ ʩʥʆ, ʮʪʦ ɘ

ʜʝ ʡʩʪɘꞔʷ꞊ ʃ ʘʬ ʦʥʪʝ ʥʘʟʘʜʝ ʡʩʪɘʦɘʘʤ ʕʘʕ ꞔʝ -ʪʦ ʩʝ ʨ꞊ ʝ ʩʪʝ ʩʪɘʝ ʥʤ ʝ ʩʆʥ . ʊ ʝ ʤʒ ʤʝ ʤʒʝ ʤʝ ʝ ʦʤ

ʦʕ ʘʟʘʤʐʩʷ ʤʝ ɘ ʩʦʩʪʦʷ ʥʆꞔ ʜʘʪ ʝ ʩʪʝ ʩʪɘʝ ʥʦ-ʥʘʐʮʥʦʝ ʦʙ ʷ ʩʤʝ ʥʆʝ ʧ ʨʦꞔʩ꞊ʦʜʷ ʝ ʤʒʐ ʥʘ ʩʝ ʘʤʩʝ.

ʇ ʦʕ ʘʤʒ ʜʘʤʝ ʕʦ ʤʝ ʐʰ ʥʆ ʦʪ ʜʝ ʤʒʦʥʩʪʨʘʮꞔꞔ ʃ ʘʬ ʦʥʪʝ ʥʘ, ʨʘʩʩ ʘʞ ʝ ʤʒ ʝ ʱ ʝ ʦʙ ʦʜʥʦʤʒ ʝ ɢʦ

ɘʳ ʩʪʐ ʧ ʤʝ ʥʆꞔ, ʧ ʨʦꞔʩ꞊ʦʜꞔɘʰ ʝ ʤʒɘ ʅ ʝ ʘʧ ʦʤʝ . ʆ ʜʥʘʞ ʜʳ ɘ ʕʨʐɢʐ ɘʳ ʩʦʕʦʧʦʩʪʘ ʤʝ ʥʦʡ ʧʐʙ ʥʆʕꞔ,

ʩʨʝ ʜꞔ ʕʦʪʦʨʦʡ ʙʳ ʥʆ ʧʦʩʤʐ ꞔʥʦʩʪʨʘʥʤʐ ꞊ ʜʝ ʨʞ ʘɘ ꞔ ʜꞔʧ ʥʦʤʒʘʪʳ , ʦʕʘʟʘʤʩʷ ʘʪʪʘʱ ʝ ʨʐʩʦɢʦ

ʧʦʩʦʥʐ ʩʪɘʘʉ ʕʘʨʷ ʪꞔʥ, ʐ ʕʦʪʦʨʦɢʦ ʃ ʘʬ ʦʥʪʝ ʥʐɘʳ ʟɘʘʐʧʦʥʐʐʶ ʧʦʪʝ ʨʶ ʕʦʞ ʥʦʡ

ʮʐɘ ʩʪɘꞔʪʝ ʤʐ ʥʦʩʪꞔ. ʆ ʜʥʦɘʨʝ ʤʒ ʥʆʥʦ ʩʭ ʪꞔʤʒ ʩʥʦʡ ʩʦꞔ꞊ ʬ ʥʐ ꞔʜʦɘ, ʦʤʐʧʨʦʜʝ ʤʒʦʥʩʪʨꞔʨʦɘʘʐʤʘ

ɢʤʐ꞊ʦʤʝ ʤʒʦʤʒ ʤʝ ʘʧ ʦʥʆʪʘʥʝ ʮʐʜʝ ʩʥʦʝ ꞔʩʝ ʤʝ ʥʆʝ .

ʇ ʦʩʤʐʰ ʘʝ ʤʒ ʨʘʩʩʘʟ ɹ ʨʸ ʡʜʘʦ ʪʦʤʒ ʕʘʕ ʦʤʐ ʥʘʮʘʐʟʘʥʆʤʒʘʪ ʩʷ ɢꞔʧ ʥʦʟʦʤʒ ç ʆ ʪʥʦʩʷ ʩɘʧʦʥʆʝ

ʩʝ ʧ ʪꞔʮʝ ʩꞔ ʕʦ ɘʩʝ ʤʒʐ, ʮʪʦ ʕʘʩʘʥʦʩʳ ʤʒʥʆʤʒ ꞊ ʧ ʨʝ ʪʝ ʥʟꞔʡ ʞ ꞔɘʦʪʥʦɢʦ ʤʒʘɢʤʝ ʪꞔʟʤʒʘ, ꞔʥꞔ

ʤʒ ʩʤʝ ʨꞔʟʤʒʘ,ð ɢʦɘʦʨꞔʪ ɹ ʨʸ ʡʜ,ð ʷ ʥʘʮʘʐ, ʦʜʥʘʕʦ, ʜʝ ʥʘʪʳ ꞔʟʳ ʩʘʥʆʷ ʧʦ ʪʦʤʒʐ ɘʦʧʨʦʩʪʐ, ʞ ʝ ʥʘʷ

ʥʘʡ ʪꞔ ꞔʩʪʦʮʥʆʕ ʦʰ ꞔʙʦʕ ɘ ʤʝ ʕʦʪʦʨ ꞊ ʷɘʤʝ ʥʆʷ꞊, ʦʙ ʥʘʨʐʞ ʝ ʥʐ ꞊ ʥʘ ʩʝ ʘʥʆʘ꞊ ʃ ʘʬ ʦʥʪʝ ʥʘ.

ʈ ʝ ʟʐʥʐ ʪʘʦʤʒ ʪʦɢʦ ʙʳ ʥʦ ʤʝ ʩʦʤʐ ʕʦ ʦʪʨ ʪꞔʡ, ʕʦʪʦʨ ʝ , ʧʦ ʤʒʝ ʤʒʐ ʤʒʤʝ ʥʆʶ , ʙʨʦʩʘʥʆꞔ ʥʘ

ꞔʟɘʝ ʩʥʦʝ ʷɘʤʝ ʥʆʝ ʩʪɘʝ ʨʰ ʝ ʥʥʦɘʳ ʡ ʩʝ ʪ, ʜʝ ʥʘʰ ꞔʡ ꞔ꞊ ʕʨʘʡ ʤʝ ꞔʥʦʝ ʨꞔʤʒ ʕʘ ʩʦʩʪʐʮʥʦʡ,

ʪʘʕ ꞔ ʧʨʘʕ ʪꞔʮꞔ ʩʪʡ ʪʦʮʕꞔ ʟʨʝ ʥʆʷè.

ɼ ʞ ʝ ʡʤʒʥɹ ʨʸ ʡʜ ʥʘ ʩʝ ʘʥʆʘ꞊ ʃ ʘʬ ʦʥʪʝ ʥʘ ʦʙ ʨʦʪꞔʥʦʩʪʙʪʝ ɘʥʆꞔʤʒʘʥʆꞔʝ ʥʦʜʥʘ ʷɘʤʝ ʥʆꞔʝ : ʧʘʮꞔʝ ʥʦ ʤʝ

ʤʒʞ ʝ ʪ ʧʜʐʷʪ ʩʦꞔ ɘʝ ʕꞔ. ʂ ʦʥʩʪʨʦʪʐʷ ʨʝ ʘʐ ʥʦʩʪ ʕ ʷɘʤʝ ʥʆʷ, ʦʥʆʥʝ ʤʝ ɢʦ ʩʪʨʘʥʆʐ ʤʒꞔ

ʨʝ ʰ ꞔʐʦʪʳ ʩʘʪ ʝ ʩʪʝ ʩʪɘʝ ʥʦ-ʥʘʐʮʥʦʝ ʦʙ ʷ ʩʤʝ ʥʆʝ . ɹ ʤʝ ʕʦʨʨʝ ʕʪʥʦꞔ ʤʒ ʩʨʤʒ ʨʨɘʩʦʡ ʪʦꞔꞔ,

ʥꞔʪʘʪ ʱ ʝ ʡ ʘ ʷɘʤʝ ʥʆʝ ʨʝ ʟʐʤʐ ʪʘʦʤʒ ʜʝ ʡʩʪɘꞔʷ ʤʒʘɢʤʝ ʪꞔʮʝ ʩɢʦ ʬ ʤʐ ꞔʜʘ, ʦʤʐʙʳ ʤʐʙʝ ʞ ʜʝ ʤʐ

ç ʇ ʨʘʦʜʦʞ ꞔʪʝ ʤʐ ʥʘʷ ʬ ꞔʕ ʨʘꞔʷ ɢʥʘʟ,ð ʧ ꞔʩʘʥʆʦʪʦʥʐ,ð ʧ ʘʨʘʮʆʟʐʷ ɢʥʘʟʥʐ ʝ ꞔ ʟʘꞔʩʷʱ ꞔʝ ʪʦʪ ʥʆ꞊

ʤʝ ʨʦʥʐ ʝ ʮʝ ʥʦʩʪʨ ꞔ ʥʘʨʐʰ ʘʷ ʨʘʤʦʩɘʝ ʩʝ ʥʝ ʤʝ ʨʘʤʦʡ ʩʩʝ ʤʒ , ʧ ʨʦꞔʟɘʦʜꞔʪ ʟʘʤʆʤʒʘʰ ꞔʝ ʥʘʩ

ʷɘʤʝ ʥʆʷ. ʗ ʧ ʨʝ ʞ ʜʝ ɘʩʝ ɢʦ ꞊ʪʩʝ ʤʐʜʦʕʘʟʘʤʐ, ʮʪʦ ʤʝ ɘʦʟʤʒʦʞ ʥʦʩʪʐ ʧʘʮꞔʝ ʥʦʘʦʪʦʕ ʨʦ ʪʐ ʩʩʦꞔ ɘʝ ʕꞔ

ʟʘꞔʨʆʪ ʪʦ ʧʘʨʦʥʐʮꞔʘʧʜʥʘʤʒʘʪʳ ʰ ꞔ꞊ ɘʝ ʕꞔ ʤʒʐʩʕʐʥʦʩɘ, ɘʩʝ ʤʝ ʜʩʪɘꞔʝ ʤʝ ʧ ʨʝ ʨ ɘʥʦʡ ꞔ꞊ ʜʝ ʷʪʝ ʤʐ ʥʘʩʪʐ ꞔ

ɘʦ ɘʨʝ ʤʒʷ ʧ ʨʦʜʩʪʘʞ ꞔʩʝ ʤʐ ʥʘʡ ʬ ꞔʕ ʨʘꞔꞔ ɢʥʘʟ ʥʘʕʘʕ ʦʤʒ-ʥʘꞔʙʦ ʧ ʨʝ ʜʤʒʝ ʪʝ . ʕ ʪʦʪʦ ʧʘʮꞔʘʥʆꞔʮ ʬ ꞔʟꞔʮꞔ ʩʕꞔ

ʤʒʝ ʰ ʘʝ ʪʝ ʤʒʐ ʩʪʕʦʨ ʪʝ ɢʥʘʟʘè (Braid, 1883).

ɪ tɑʃৰɑʃdʑzɻ lstsgɑ̈ts tʃO৷ɑO·dɑʃৰtɑʃtʃʃfɳ·dzdʒsLgɑ̈tsətsǂ lzfɳʃs·dʑsfɳʃsʃ, ʕtslststɑO·ʷ əʳ Lʳ əG̈jlsfɳʸ
tʃtɑtsHtsdzɳ ʃlsj dz dʑs? ʷ৷ʷ ʃʕfɳO·ৰʃj ? gɑ̈dɑ·L. ɪ·Oʃʃdʑsj tɑj fɳʃsəO·ʰ ʃʃfɳ ɻ lsʃdʒtʃO·৷ɑO·dɑʃৰtsdʒ ʃ ɤ j dɑO·ʸ tʃtɑtsəj tɑʃlsᵍ
fɳʂtsᵍ lsj tstɑʃᵍ , fɳ23 dʑsʷʙtɑʷ (ৰj tɑj L 10 нdɑ‡? tʃtsfɳʃj əfɳʃstɑj ৰʃʃ O·ʷ৷ʷtsdʑsj dʑsdʒ) tsdzdɑ·ৰʃʃdɑ·j ls
tʃtɑtsʃLətsHʃlsᵍ tstʃʳ lsʳ , tʃtɑʃgɑ̈dɑ·fɳʃə fɳʃj ৰʃʃO·dz dʑs ə fɳʂʃHj lsj dɑʃ ʕOʃʃ ʃlsO·dɑ·O.ɪ tɑtslzdɑ·Oʃ dɑ‡ fɳʃtsdz ʕʃ·
нtɑzgɑ̈·ʙdɑʃL ʕʃ·нtɑzLj ?. ɪ Oৰ(O·dztsdzfɳʂ fɳʂtsj ? fɳj dʒʸ ʃ, ɤ j dzᵡ , LO·sj dʒнtsʙtɑO·dzfʸ нts ʙdɑʃɤ O‡ʰ ʃ·
tɑtsHfɳʃəj dɑdɑ[ʕtsə. ɹ fɳj j gɑ̈ts ʃfɳʃʳ lsdzj dʒʳ j , tʃtɑʃfɳʃsO·dz dʑs gɑ̈dzʷн ʷ dɑO·gɑ̈tstɑdzʰ ʕts ʙlzls dɑ£ʃ ʃʃdɑ[ʕO‡ts? -
dɑ[ʙlzнᵘ нtɑzgɑ̈ts? tʃtɑj нdzj ls, tʃtsdzj ʰ j dɑdz ? dj‡ fɳʃtsdz ʕts əʳ ʰ j lztɑtsədzʷ ʃ·, gɑ̈dɑ·L, tʃts tʃtɑtsʰ j fɳʃsəʃʃ
dj‡ fɳʃtsdz ʕʃ·, dʒʃdʑzls tʃtsgɑ̈tɑzɤ O·dɑʃfɳ ə gɑ̈dzʙtsʕʃ? fɳʂdz.
ɹ tsls ʕO‡ ɹ tɑ·? н tɑ·fɳfɳʃO·Lʳ əG̈jlsts fɳʂtsʃ·ɻ ʕfɳj tɑʃdzj dʑsO·Σ: çᴜ fɳO·нʃəfɳtɑO(Walker'a) ɹ ʃdz ʷdʒO
ɹ tsdz ʕj tɑ·)ʷ tʃtsfʃtɑtsfɳʃdzj gɑ̈ts ʷ৷ʷ ʃʕfɳʃtɑtsəO·sᵘ fɳʂts? əLgɑ̈dzʸн dɑO·dɑ·j lsj , ৰlstsʙʳ tʃtɑtsʃLəj fɳʃsʃ lzlstsdʒj dɑj
gɑ̈dɑ·L ʃ əj ʕ. ʏ j tɑj L lstɑʃ dʒʃdʑzlsʳ lz dj‡ gɑ̈ts LO‡tɑ·ʳ dɑʃfɳ əj ʕʃ, tʃts ʰ j ʕO·dʒtʃtslsj ʕdɑ[tsʙʃdz dz j fɳʃj Lʳ ,
gɑ̈tsdʑsəOfɳʃ dʑsdɑ[dɑ·Oɳ , dɑʃৰtsfɳʃj gʕO·fɳʃtɑʃəʃdʑsfɳ , tsdzʃfɳʃlzfɳʃsʃdzəLнtsʃ ʃ lstslsৰO·ɳətʃO·dzə gɑ̈dzʙtsʕʃ? fɳʂdz.
ɼ ʳ ʃO·dɑʃj fɳнj dɑ·dʑsfɳ dʒj нdj dɑdz dʒ gɑ̈dzʙtsʕʃdʒ ʰ lzdʒʷʰ ʃdʒ tʃtɑ·əO·ʷ tɑzʕOfɳʕʃfɳʃʲᵍ tʃtsHj tɑgɑ̈ʃəO·dɑ·ɳ
dj‡ ʙtsdz ʰ ʃdʒʃ ʕtsdɑəlzdz fɳʃədz dʒʃ нəʃɤ j dɑʃʷdʒʃè.
ɹ fɳʕtsʙʕO‡ LO·dʒj lsʃdʒ ৰʃstsgɑ̈ʃtʃʃdʑsL dʒtsɤ j ls tʃtɑtsʷədzʸlsᵘ fɳʸ dj‡ lstsdz ʕts ə ʷ৷ʷtstɑ·dʒj tstʃʃfɳ·dɑdʑsgɑ̈ts əʳ ʰ j
fɳʂfɳʃstsʷdɑʃʷ, dʑs ʃ ə нtɑzgɑ̈ʃ·ʷ৷ʷtstɑ·dʒO·Σ. ∫ dzdʒtsɤ j ls tʃtɑtsʷədzʸlsᵘ fɳʸ ə ʙtsdzʰ tsdʒнʃO·ʃʃO·Ltsdj‡: tslstʃtɑtsfɳʃstsʔ
fɳʂdɑdɑʃətsfɳʃsʃ нts tʃtsdɑdʑsgɑ̈ts tʃtɑj ʕtɑO·ʰ j dɑʃʷ tʃtɑtsʃLətsdz dz ʃ·ʷ৷ʷlzdɑ‡ ৰʃʃ ʃ LO·sj dʒнts fɳʂdʒtɑ·OʃʃdʒʙlzdɑʃLdʒO,
tʃtsdɑdʑsgɑ̈ts çʙj fɳʃfɳʂLdɑ·O·sj dz dʑsgɑ̈tsè fɳʂtsʃ·ɻ ʷ৷ʷtstɑ·dʒʳ ʃ·ʷ৷ʷ fɳʃtsfɳʃj нlzᵡ ʰ j ʔ O·dʒdj‡ LʃʃjʔO·dʒdj‡ LʃʃjʔO·dʒdj‡ LʃʃjʔO

ʩʦʣʐ ʕʦ ʤʠʣʪ ʚʦʰ ʝʜʰ ʠʡ ɘ ʕʦʤʣʘʪʐ ɹ ʨʡʜ ʟʘʩʪʘʣʐɠʠʧʣʪʠʟʠʨʐʝ ʤʦɢʦ ʜʞ ʝʣʪʣʐ ʤʝ ʣʘ
ʙʦʜʨʩɘʐ ʱ ʠʤʒʠ ʧʨʠʩʘʣʐ ʣʦ ɢʣʐʜ ʠʤʒʣʘʧʘʣʝ ɥ ɢʠʧʣʪʠʟʝ ʨʘ ʘɹ ʦʣʐ ʕʝ ʨʘð ɢʣʐʙʦʕʦ
ʟʘɢʠʧʣʪʠʟʠʨʦɘʘʣʐ ʤʒ ɹ ʣʦ ʟʘʣʝ ʮʝ ʣʦ, ʯʪʦ ʣʠʮʘ ʣʝ ɢʕʦ ɘʧʘʜʘ ʠʝ ɘ ʩʦʩʪʦ ʣʠʝ ɢʠʧʣʦʟʘ
ʣʐ ʙʪ ɢʠʧʣʪʠʟʠʨʦɘʘʪ ʜʨʣʐɢʠ꞊. ʅ ʦ ʩʣʐ ʮʘʝ ʪʩʝ, ʕʘʕ ʤʒ ɘʠʜʝ ʣʠ, ʯʪʦ ʧʨʠ ʪʦʤʒʐʩʝ ʧʣʐ ʪ ʩʘʤʠ
ʩʝʙ.

ʇ ʨʠ ɢʠʧʣʪʠʟʘʥʠʠ ɹ ʦʣʐ ʕʝ ʨʘʧʨʠʩʐʪʩʦɘʦʘʣʘʞ ʝ ʣʘɹ ʨʡ-ʜʘ ç ʧʨʝ ʜʣʦʞ ʠʣʝʡ,ð ɢʦɘʦʨʠʪ
ɹ ʨʡʜ,ð ʩʘʤʦʡ ʧʦʜɘʝ ʨɢʣʐʪ ʩʝ ʦʧʣʐ, ʠ ʦʣʘʦ꞊ʦʪʣʦ ʩʦɢʣʘʩʠʣʘʩʝ. ʗ ʐʩʘʜʠʣʝ ʠ ʧʦʧʨʦʩʠʣʐ
ʬʠʕʩʠʨʦɘʘʪ ɘʟʦʨʣʘʘʨʘʣʝ ʬʘʦʨʦɘʦʡ ʩʘ꞊ʘʨʣʠʥ, ʕʦʪʦʨʘ ʣʘ꞊ʦʜʠʣʘʩ ʧʨʠʙʣʠʟʠʪʝ ʣʪ
ʧʦʜ ʪʝ ʤʞʝ ʐʪʣʦʤ ʯʪʦ ʠ ʣʘʣʘʝ ʪ ʧʨʝ ʜʡ ʜʐʰ ʝ ʤʦʧ ʪʝ. ʅ ʘʜɘʝ ʤʠʣʪ ɘ ʨʘʞ ʝ ʣʠʝ ʣʠʥʘ
ʠʟʤʝ ʣʠʣʦʩ; ʝ ʝ ʯʝ ʨʝ ʟ ʤʠʣʪʐʪ ɘʝ ʕʠ ʩʐʜʦʨʘʞ ʣʘ ʟʘʕʨʘ ʣʠʩ, ʨʘʪ ʧʝ ʨʝ ʕʦʩʠʣʘʩʝ, ʦʣʘ ʠʟʜʘɘʘʣʘ
ɢʣʐʙʦʕʠʝ ɘʟʜʦ꞊ʠ, ʝ ʝ ɢʨʘʐʜ ɘʟʜ ʤʘʣʘʩ, ʠ ʦʣʘʦʪʩʕʠʣʐʣʘʩ ʣʘʟʘʜ. ʅ ʯʝ ɘʠʜʣʪ, ʩʜʣʝ ʡ ʪʨʦʟʜʘ ʝ ʣʐ
ʠʩʝ ʨʠʯʝ ʩʕʠʡ ʧʨʠʧʘʜʦʕ. ʅ ʘ ʩʦʤʪ ʨʘʟʙʐʜʠʣʝ ʝ...è

ʇ ʠʜʠʤʦ, ɘ ʩʐ ʧʦʨʐ ɹ ʨʡʜ ʙʳ ʣʝ ʱ ʝ ʣʝʜʦʩʘʩʦʣʦʯʘ ʦʧʳ ʩʝ ʣʐ. ʅ ʣʐʠʩʧʐɢʘʣʝ ʦʩʕʘʣʝʣʘ ʣʘʧʰ ʩʨʘʣʝʩʘ. ʅ ʘ
ʩʘʤʦʜʝ ʣʝ ʩʦ ʙʳ ʣʘʙʝʟʦʙʠʜʣʘ ʩʧʩʐʘʥʠʰ. ʋ ʞ ʝ ʣʘ ʠʣʩʠʩʝ ʨʠʯʝ ʩʕʠʤʠ ʯʝ ʨʦʤʠ ʩʘʕʦʝ
ʙʳ ɘʘʝ ʩ, ʣʘ ʙʳ ʩʠʩʨʘ ʧʨʘʦ꞊ʦʜʠʩ, ʣʝ ʦʩʠʪʘʣʘ ʣʠʕʘʕ ʩʦʩʦ ʦʣʐʝ ʜʘ

ç ʧʨʠʩ ʧʐʩʝ ʤʣʘʪʨʘʝ ʞ ʝ ʣʘʣʘʩɢʦ ɘʣʘʠʤʦʣʘʩ, ʙʝ ʟ ɘʩʠʕʦɢʦ ʜʝ ʡ ʩʠʘʩʝ ʩʧ ʩʠʩʨʘʩʦ ʞ ʠɘʦʩʩʣʘɢʦ
ʤʦɢʣʝ ʩʠʟʤʦ, ɘʦʟʣʘʩʕʘ ʩ ʣʝ ʕʦʩʩʪʘʩʝ ʩʦʩʩʦʘʣʘ ʝ, ʧʦ꞊ʦʞ ʝ ʝ ʣʘʣʝ ʧʠʣʝ ʨʠʯʝ ʩʦʝ, ʩʦ ʕʘʕʐ ʞ ʝ ʨʘʩʣʐ
ʠɢʨʘʝ ʩ ʟʝ ʩʝ ʣʐ ʠʜ?è ð ʟʘʜʘɘʣʘʩʝ ɘʦʩʧʨʦʩʩʘʩʤʐ ɹ ʨʡ ʡʜ. ʅ ʘʩʧʨʘʩɘʣʘʠʣʠ ʧʨʦʩʘɘ ʝʜʝ ʣʘʣʐ ꞊ ʦʧʳ ʩʦɘ ʦʣʐ
ʧʨʠ꞊ʦʜʠʩ ʕ ɘʳ ɘʦʜʐ ʦ ʙʝ ʩʧ ʦʣʝ ʟʘʩʩʘʩʠ ʣʝ ʩʧʠʣʝ ʨʠʯʝ ʩʕʠ꞊ ʧʘʩʩʦɘ ʠ ʧʨʝ ʜʣʘɢʘʝ ʩ ʣʘɘʳ ʡ ʣʝ ʩʦʜ
ʠʣʜʐʕʥʠʠ ð ʬʠʕʩʧʥʠʱ ɘʟɢʣʪʜʘʣʘʙʣʝ ʩʧʩʪ ʝ ʣʐ ʧʨʝ ʜʣʝ ʩʝ, ʕʦʩʩʦʨ ʣʐ ʥʘʩʧʩʦ ʩʧʘʣʐʞ ʠʣʘ
ʨʘʟʘʩʥɘʝ ʩʣʘʘ ʕʘʩʧʕʘ, ʧʦʣʝ ʞ ʦ ʣʝʞ ʞ ʜʐ ɢʣʘʟʘʣʘʣʐʣʘ ʠ ʣʙʦʣʐʧʘʥʠʝ ʣʘʩʘ. ʅ ʘʩʦ ʩʨʘʟʘʩʕʦ, ʯʪʦ ʩʐ ʞ ʝ
ʩʝ꞊ʣʘʕʐ ʠʧʩʣʐ ʟʦʘʣʘʣʘʩɢʜʘʠ ʄ ʝ ʩʣʣʘ ʨʘ, ʣʘ ʩʣʐʜʘ ʩʧʥʠʩʘʣʘ ʝ ʝ ʠʣʜʐʕʥʠ ɘʩʘʝ ʤʦʜ ʣʘʟʘʩʦʜʦ
ʅ ʘʄ ʝ ʞ ʜʐʣʘʨʘʩʜʣʘʩʤʦʣʘʣʐʩʠʯʝ ʩʕʠ ʩʦ ʕʦʣʘʩʘ ʩʦ, ʧʨʘʩ꞊ʦʜʠʣʝ ʤ 21ð 27 ʩʕʩʙʨʘ 1889 ɢʦʜʘ

ʇ ʘʨʘʞ ʝ, ʜ-ʨʘ ʝ ʨʘʩʦʩʙʦ ʟʦʩʦʩʦʤʦʩʧ ʩʦʩʧʨʦ ɘʘʣʦʣʝ ʩʩʜ ɢʠʧʣʪʠʟʠʨʦɘʘʣʘ ɹ ʨʡʜ ç ʯʪʦ ʣʘʞ ʝ ʩ
ʧʜʝ ʣʦʩ ʧʨʦʙʕʘʩʩ ɢʨʘʘ ʠʣʘʠʣʘ ʜʨʘʟɢʣʪ ʙʣʘ ʩʩʩʰ ʠ ʧʨʝ ʜʣʘ ʩ ʧʝ ʨʝ ʜ ɢʣʘʟʘʣʘʤʠ ʣʘ ʨʘʣʘʩɢʦ ʙʦʣʐ ʣʘʩɢʦ,
ʕʘʕ ʣʘ ʟʩʧʣʘʩ ʝ ɢʦ ʣʘ ʨʘʣʘʩʩʩʠ ? ʗ ʘʕʦɢʦ ʤʦʞ ʣʘʩ ʦʞ ʠʜʘʩ ɘʦʟʜ ʝ ʧʨʘɘʠ ʩʩ ʣʘ ʩʜʐʰ ʝ ɘʣʘʣʘʣʘʩɢʦ,
ʧʦʩʩʩɘʣʘʩɢʦ ʧʨʝ ʜʣʘ ʩʘ, ʕʘʕ ʣʘ ʦʯʝ ʧ ʝ ʣʘʣʘ ʤʦʟɢʘɘʧʨʦʣʝ ʜʧʩʘʠ ʝ ʩʦʩʤʣʘʣʘ ʧʨʐʙ ʝ ʕʩʘ?è (ʄ ʩʯʝ ʩ
ʕʦʣʘʨʘʝ ʩʩʘ 1893, ʩ 19).

tsʙtɑ⊙ʰ ⊙ɑzɑz⊙ᵘ lsts ɔɑzɑʃɑʒ⊙ɑzɑʃʷ. ɕɿ ⊙ɡɕɑʃʃ ɑzslsɑʃʟɑʃɑtsɔ⊙ɑzɑz ʔè ɑʃʜj j ʔ fɯptsj ɡts ɑʒɑʃtɑtsɔtsɡts ʷʷ ɑz ɑʃʜ⊙ ʃ j fɑʃʃj tɑ ɡɑzʷʜj ɑzlststɑz ʕts ɔ tsʜɑzz lststɑʃʟz, ɑʃ lsts, ɯlsts tsɑzʃtsfɯʷɑz, tʃtsʏ ɑʃɑzɑ⊙lsᵘ tʃtɑj ʜfɯstsʷɑzts ɹ tɑᵘ ʔʜlz.

ɭ j ɑʃʟɔj fɯsɑzts, fɯʕtsɑzʕts ɔtɑj ɑʒj ɑzɑʃ ɹ tɑᵘ ʔʜ tɑ⊙lʜlzɑʒ ɔ⊙ɑzɑz⊙ʜ lsj ɑʒ ʕ⊙ʕ ɑz⊙lɔ⊙lsᵘ fɯsfɯstsʷɑzɑj ɹ tsɑzʕj tɑ⊙ 4 ɑʃᵏ ɑzʷ 1842 ɡtsʜ⊙tsɑzɔtʃj tɑɔʳ j tstʃtɑj ʜj ɑzɑʃɑzj ɡtɑj ɯj fɯʕɑʃɑʒfɯɯtsɔtsɑʒ hypnos*. ʕ lsts ɑz⊙lɔ⊙ɑzɑʃj ɑʃɑʒj ɑzts ʜɑzʷ ɑzɯɡts fɯɯzɯʜlzᵏ ʰ ɑʃʔ fɯʃʒ fɯʃz ɑzɯɡtɔɑzɑsj fɯsfɯstsʷɑzɑj , ɔʳ lɔ⊙ɑzɑzsj ɑʃfɯʕzfɯɯsɔj ɑzɑz ɑʒfɯʃtsfɯsʙtsɑʒ ɹ ʳ lzʏj ɡtsɔtstɑɑʃɑz, ɯlstsˡ lsts ɑz⊙lɔ⊙ɑzɑʃj ʕtɑ⊙ʔ ɑzɯ ɑzɯlzʜ⊙ɯɑzsj , ls⊙ʕ ʕ⊙ʕ tsʙʳ ʜj ɑzɑzsj fɯsʟɑz⊙ɑzɑʃj ɔtsfɯʃtɑʃɑzʃɑʒ⊙j ls ʷɔɑzɯ ɑzɑʃj ɯj tɑj ʟ fɯj ɑʒ⊙ɑzsʃʕlz fɯɯtsɔ⊙ç fɯsɑzè. ʕ lsts tʃtɑʃɔtsʜʃls ʕ lstsɑʒz, ɯlsts ʟ⊙ɑʒ⊙fɯʕɑʃɑtsɔʳ ɔ⊙j lsfɯʸ fɯzʰ ɑzsfɯsᵘ ʜ⊙ɑzɑzsɡts ɑzɯ tstɑʜɑʃɑz⊙ɑzɑtsɡts ʷɔɑzɯ ɑzɑʃʷ, fɯzls ʕtslststɑtsɡts ɑzɯ ɔ fɯɯtsʃtsʜtsʙɑzsɑʒ fɯsfɯstsʷɑzɑʃɑ, ɔʳ lɔ⊙ɑzɑzsɑʒ lzlststɑʒɑzɯ ɑzʃj ɑʒʃɑzɯ ɑʒɡɑz⊙L, ⊙ɔ ɑʃʟɑʒɯ ɑzɯɑzɑzsɑʒ fɯsʟɑz⊙ɑzɑʃɑ, ɑʃfɯʕzfɯɯsɔj ɑzɑzɑz ɔʳ lɔ⊙ɑzɑzsɑʒɔɑzʰ j ɑzɑʃj ɑʒ tslsɑzʃɯ⊙ʰ j ɑʒfɯʸ tslsɔɑʃʟ⊙j fɯsɑzʔ ⊏ fɯsfɯstsʷɑzɑʃ ʔ ɑʒsʟɡ⊙ɯtɑj lɔʳ ɯ⊙ʔ ɑzsʔ ɔtsfɯʃtɑʃɑʃɑʒɯɑʃɔtsfɯsᵘ ᵏ ʕ fɯɯtsɔ⊙ɑʒ tʃj tɑ⊙ststɑ⊙ɑʃ ɑzɯ ɯzɔfɯsɔɑʃlsj ɑz ɑzsfɯsᵘ ᵏ ʕts ɔfɯj ɑʒʜtɑzɡɑʃɑʒʷʷ⊙ʕlststɑ⊙ɑʒfɯɡʳ .

ʂ ⊙ʕ ɑʒʳ lzʏj ɭ ʟɑz⊙j ɑʒ ɹ tɑᵘ ʔʜ ɑzɯ tʃj tɑɔʳ ʔ lzɔɑʃʜj ɑzɡɑʃɑʃɑzsʟ, ɑzs ɑʃɑʒj ɑzɑzs fɯj ɡts ɑzɯ ɡʕtsʔ tɑzʕɑʃ tsɑzɔtʃj tɑɔʳ j ɔtsʰ j ɑzɔ fɯsʟɑz⊙ɑzɑʃj tʃtsʜ ˡ lsɑʃɑʒɑʃɑʒj ɑzɯ ʂ tɑtsɑʒj ɑzsɔtsɡts ɑz⊙lɔ⊙ɑzɑʃʷ, ʕtslststɑtsj tsɑzʜ⊙ɑzʏ ɑʃɔtslsɑzsɑʒz ɑʒ⊙ɡɑzɯ lsɑʃʟɑʒz, tʃtɑʃtsɑʃlsj ls ɹ tɑᵘ ʔʜ⊙ɑʃ ɔ lstsɑʒ ɯlsts ɔ 1843 ɡtsʜlz tsɑzʟ⊙ɑzsʏ ɑʃɑzlsj tstɑʃᵏ ɡɑʃtʃɑzslsɑʃʟɑʒ⊙ ˡ lsts? lsj tstɑʃɑʃ tsɑzʦlsʙtɑtsfɯʃɑzɑʒj ls⊙ʷ ɑʃʟɑʃɯj fɯʕzᵏ ɑʃʜj ᵏ ɑʒj fɯʃʒj tɑtsɔfɯʕtsɡts ʷʷ ɑz ɑʃʜ⊙ɑʃ ɔʳ ʜɔɑʃɑzzɑz çtʃ fɯʃ⊏tsɑzj ʔtɑtsʷ ɑʃʟɑʃtsɑzsɡɑʃɯj fɯʕzᵏ è ʕtsɑzɯj tʃ ɯɑʃᵏ , tsfɯɯtsɔ⊙ɑzɑzᵏ ɑz⊙ʷʷ ɑʃʟɑʃɯj fɯʕtsɑʒ ɑʃɑʒʃ, ʕ⊙ʕ fɯj ɡtsʜɑzʷ ɡtsɔtstɑʷls, fɯj ɑzfɯsɑʒtslststɑzsɑʒ(lsj ɑʒ fɯɯtsɑʒ), ɔtsʟʜj ʔ fɯsɔɑʃɑʃ ɡɑʃtʃɑzslsɑʃʟj tɑ⊙(ɯj tɑj ʟ fɯj lsɯ⊙lsʕlz ɡɑz⊙L) ɑz⊙ ɑʒj tɑɔɑzzᵏ fɯʃfɯsj ɑʒʃz tʃ⊙ɯɑʃj ɑzsO ʀ ɑz⊙ɯj ɡtsɔtstɑʷ, ɡɑʃtʃɑzsL, ɑʃɑzʃ ɕɑʒj tɑɔɑz ʔ fɯsɑzè, ɔʳ lʳ ɔ⊙j lsfɯʸ ʷʷ ɑʃʟɑʃɯj fɯʕɑʃɑʒɑʒj lstsʜtsɑʒ ɕɹ ɑʃtʃɑzslsɑʃʟj tɑtʃtsʜtsʙj ɑzɑʒɑʒ⊏⊙ɑzɑʃʕlz,ð ɡtsɔtstɑʃls ɹ tɑᵘ ʔʜ,ð ʕtslststɑᵘ ʔ tʃtɑʃɔtsʜɑʃls ɔ ʜj ʔ fɯʕɔɑʃj fɯɯtsɑz ɔ fɯ⊙ɑʒtsɑʒtstɑɡ⊙ɑzɑʃʟɑʒj tʃ⊙ɯɑʃj ɑzs⊙è. ʊj tɑ⊙tʃj ɔlsɑʃɯj fɯʕtsj ʜj ʔ fɯʕɔɑʃj ɡɑʃtʃɑzslsɑ⊙ tsɑzʃtɑʃɑʃʰ j ls ɑʃʟɑʒj ɑzɑʃɔʰ j ɑʒʏfɯʸ fɯsfɯstsʷɑzɑʃᵏ ʕtɑtsɔtstsʙtɑ⊙ʰ j ɑzɑʃʷ. ʊ⊙ʕ, tsɑzɑfɯɯʃɑʃls⊙ɑz, ɯlsts çɑzɑzɯɑzsè * ɭ ɡtɑj ɯj fɯʕtsʔ ɑʒɑʃʷ tsɑzsɡɑʃɑʃ tʃj tɑfɯtsɑzʷ ɑʃʕ⊙ɯɑʃʷ fɯɑz⊙ʙtsʏ j fɯʕɔts fɯɑz⊙ fɯ ɑzl tsɯɑʃ ɑʃ ʙtɑ⊙ls ʜ ɑʒj tɑlsɑʃ, ʙtsɡɑʃɑz fɯʏʜᵘ ʙʳ ɑʒtsʔtɑ, l j ɑʒj fɯɯʃʜʳ ð ʙtsɡɑʃɑzɑʃ ɑʒj fɯʕsɑʃ. ʃ ɔɑʃʜɑʃʔ ɔ çʃ j ls⊙ɑʒstɑʷ tsʟ⊙⊏è tstʃɑʃfɯ ɔ⊙j ls tʃj ʰ j tɑz ɔ ʂ ɑʃɑʒʃj tɑɑʃʔ fɯʕtsʔ ʟj ɑʒsɑʒj , ɡʜj tsʙɑʃls⊙j ls ɹ ɑʃtʃ ɑzsfɯ ɡʜj ɯ⊙ɑʷls ɔj ɯɑz j fɯʏɑʒj tɑʕɑʃ ɑʃ tslsʕlzʜ⊙ ɔʳ lsj ʕ⊙j ls tɑtsʜɑzʃʕ lɑ⊙ʙɔj ɑzɑʃʷ; ɔ tʃj ʰ j tɑj ɑz⊙tʃtɑj ʕtɑ⊙fɯɑzsɑʒɑzsʏ j tʃtsʕtsɑʃlsfɯʸ ɹ ɑʃtʃ ɑzsfɯ

[illegible]

[illegible] (Braid, 1843).

ʃ ɖ⊐Ꝋɖɗzz, ts2ʷʷjls

ʜ lsj⊐ tʃtstɕ$ƓƑ ɹ tɕ²ʜ tʃtɐjʜɗʒsʞɖɗzfŋtsᵍ lsjtstɐɖᶠ , tʃtɐɖjɗʒ tʃtsɢtɐzʞjɻɗɷᶠʷ ə ɢɖtʃɗʒsʟ fŋʂƠɗzɖ tʃtɐɖɗjɗʒʷlsᵘ ʜətsʷ$tsɢts tɐtsʜƠ tsʜɗɷɖ ðɗjɗ⊐Ꝋɗɷʃuj fŋ$ɖj, ʜtɐzɢɖj ðtsfɷʒsəƠɗɷɗ² j ɗɷƠəɗʒʰ j ɗɷɖɗ.ɻ tɐɖɗjɻʊƠsj ɗzɗs, ʊʂtsfɷƠɗʒɹtɕ²ʜlsj ɖʃʜtɐzɢɖj ətsʟHj²fŋʂəɖʷ tʃtɐtsɗɷʃʊƠsj ɗzɗs ɗƐLʳ əƠɗzəɗʒʰ j ɗɷɖj ɗʒʀtsɗzʙʳ ɗzʃtɐƠə, tʃtslstsɗʒz ʊʂtsɗz ʙts²fŋʃtsfŋtsʙ tʃtɐtsətsʊɖtɐtsəƠɗɷʃʷ ɢɖtʃɗʒslsɖʃuj fŋ$tsɢts fɷɗƐ, ɗɷƠʃtɐɖɗjɻtɕʷtɐj ɗzsɢɖtʃɗʒslsɖʃʟɖʒ ts$tslststɐtsɖʒtɐjʊᵘ əʃjtɐjʜɖʃ, lstsɗz$ts fŋəɖʃʜzʊɖʃfŋʂtsɗʒ⊐Ꝋɗɷʃuj fŋ$ɖʃ², ə tsfɷɗzəj ʞjj jɢts djɸʞɖls ədzʰ j ɗɷɖj. ʃ ʜɗƐ$ts ɹ tɕ²ʜ djɸ əfŋ$tɕʳ dzəfŋj²ʟɗƐʊɖʃɗʒsfŋʂɖʃʜɗzʷ ɢɖtʃɗʒsʟƠədzʰ j ɗɷɖʃʷ ɖ tʃtɐtsʜtsɗzʞƠɗztʃtɐɖʃɖffŋ əƠls$ əƠʞɗzʁ tɐtsɗz djɸtʃɐjtɕʳ ədzʂɗʒ tɐƠʟHtɐƠʞjɻɗɷʃʁ ʊzəfŋʂə (ʷʷɖ$fŋƠʊɖɖʃɖ ʟtɐjɗɷʃʷ). ʂ lstsɗʒz ʞjɻ tsɗzʜtsʃʟzfŋ$Ơɗz fŋzʰ j fŋʂətsəƠɗɷʃɻ ʞɖətslsɗʒsɢts ɗʒƠɢɗɸlsɖʃʟɗʒƠɗɷƐʷʜlz fŋɢɖtʃɗʒsʟtsɗʒ əɻtɐɖɗzə j ɢts djɸtʃtsfŋɸjʜfŋʂəɻɗɷʂsj ətsʟHjɻ²fŋʂədjɻ ɗƐƠtʃɻtɐɖʃʷ jɻ fŋʂtsɗʒ ɖ tsfŋʂƠɗzfŋʷ ɗƐƠtʃʟɖʃʊɖɖ, əʳ tɐƠʟɖlsjɗɸɗʒ $tslststɐts²əfŋ$tstɐj ʷəɖlsfŋʷ ls$Ɠ ɗƐʟʳ əƠjɗʒƠʷ fŋʂɗʒƠsɖʃuj fŋ$Ơʷʰ $tsɗƐƠzʊ ƠƐ$ts.

ɭ Ơʜtsfŋ$ƠʟƠlsᵘ, ʊʂtsəɻtɐƠə ʞɖətslsɗz²ɗʒɢɖɸlsɖʃʟɗʒfŋʂ⊐tɐƠɗzʷɗƐfŋ ətsətɐjɗjɗƐɹtɕ²ʜƠ tsɗƐƠʞɖəƠɖʃ ɗzɸ. ç↴ tsɗʒɖɗzs ɗʒstɐƠɗz ɗzsɢts əɗɖʃʷɗɷ,ð ɢtsətstɐɖls z, Ơɐfɖɖʃɗzɸtsɗzɷðfŋzʰ j fŋʂəlzjlsjʰ j ɖʃ ɗʒƠɢɖɸlsɖʃuj fŋ$tsj, tʃtɐjʜfŋʂƠəɗzʷᵍʰ j j fŋʂʙts²ʜɻ²fŋʂəɖj tsfŋʂʙts²ʞɖʜ$tsfŋʂɖʃ, tʃtsʜtsʙɗzs²fŋɸjlstsətsʔ, lsjtʃɗzsətsʔɖɗzɖʃʟ djɸ$tstɐɖʃuj fŋ$tsʔ. ʃ ɗzstʃjtɐjʜƠjlsfŋʷɖʃtsʜɗzsɢtststɐɢƠɗzɖʃʟɖʒƠəʜtɐzɢtsʔtʃtsfŋɸjʜfŋʂətsɗʒ djɸtɐəɗzɸ⊐ts$ɖtsɗzʊƠɗzɖʃʔ, fŋɖzʞƠʜɗzʷ djɸ$tslststɐʳ⊐fŋzʙʲ j$tstsə fŋɸjʜfŋʂətsɗʒɖʃʟɖʒjdjɗzɖʃʷ ʞɖʃʟdjɸɗzɸ⊐ɖʃɖɖʃ²è (Charpignon, 1841, tɕ. 43).

ʃ -tɕɹtɕ²ʜlstɐƓ$lslzjlsɢɖtʃɗʒsʟ$ƓƑ djɸ$ɖʃ² dzj⊐Ꝋɗɷʃfŋʂɖʃuj fŋ$ɖʃ² tʃtɐtsujfŋŋlstsɢʜƠ$ƓƑ ʟƠɗzɖʃɖʒfŋ$tɕʳ lsʳ ɗʒslsɖəƠʊɖɖʃ, tʃtslstɐjʙɗzsfŋʂɖʃ, əjtɐƠɖʃʙjfŋŋtsʟɗƐʂjdzɸj ʷʷj$lsɖəɸj ɻdjɸdjɗzsʳ , ɖʃʜƠjlsjdjɸz djɸ²tɐtsʷɖʃʟɖtsɢɖtʃuj fŋ$tsj tsʙtsfɷɗzsəƠɗɷʃj. ɭ lsjtstɐɖʃɹtɕ²ʜƠçtslsfŋzlsfŋsəlzjlstʃfŋ⊐tsɗzsɢɖʷ tslsɗzsʰ j ɗɷɖ²djɻʞʜlz ətɐƠʊtsɗʒɖʃ tʃƠʊɖɖjɗzsɗʒtsɗzɖʃ$tsƐƠʟʳ əƠʲlsfŋʷdzɖʃujdʒdjɸfŋʷʟƠɗzɸdzɖʃ djɻʞʜlz fŋʂʙtsʔ. ɸ ʙjʟɻlstsɢts əʟƠɖʃɗʒsHj²fŋʂəɖʷ ɢɖtʃɗʒsʟ ətsʟɗzɖ$Ɛdzlsᵘ djɸ djɸtsʞjlsɻ ʙjʟɻlsʃ⊐tslsɗzsʰ j ɗɷɖ²tsɗzʃtɐjʜfŋʂƠəɗzjlsfŋʷ ujdʒ-lsts djɸfŋʂɖʃuj fŋ$ɖʃè (z, jtɐlsts$ƓƑ, 1992). ʜdzƠʊƠɗzƠʃfŋɖ⊐tsɗzsɢɖʷ, lsts jfŋʂᵘ ʞjɻdzƠɗzɖʃ (lzfŋʂƠɗzsə$ƠƑ) ɖʃʜtsəjtɐɖʃ ʃƠʊɖʃ djɸsƠ$ ɢɖtʃɗʒsʟsɖʃʟjtɐlz, ɖʃʟƠlsjdʒlzʞjɻ ətsʟdjɸsʞdzƠɖʃɗzɸlz$ʊɖʷ ɢɖtʃɗʒsʟƠ

ɻ ts tʃtsətsʜlz lsjtstɐɖʃɹtɕ²ʜƠʀ . ɹjtɐdzɸj²ʟdʒɢtsətstɐɖls: çʂ Ơʞɻjlsfŋʷ fŋstɐƠɗzɸz dʒ ʊʂtsts, tʃtsfɷɸjlstsɢts $ƓƑ ʙʳ dzs lzfŋʂƠɗzsədjɸdzs, ʊʂtsts ɖfŋstsʊdzɸ$ɻtsdʒəfŋj⊐ ɢɖtʃɗʒsʟsɖʃuj fŋ$ɖ⊐ʷədjɸdzɸ²ʙʳ dzs ətstsʙtɐƠʞjɻɗɷʃj,

Ukrainian Cyrillic text

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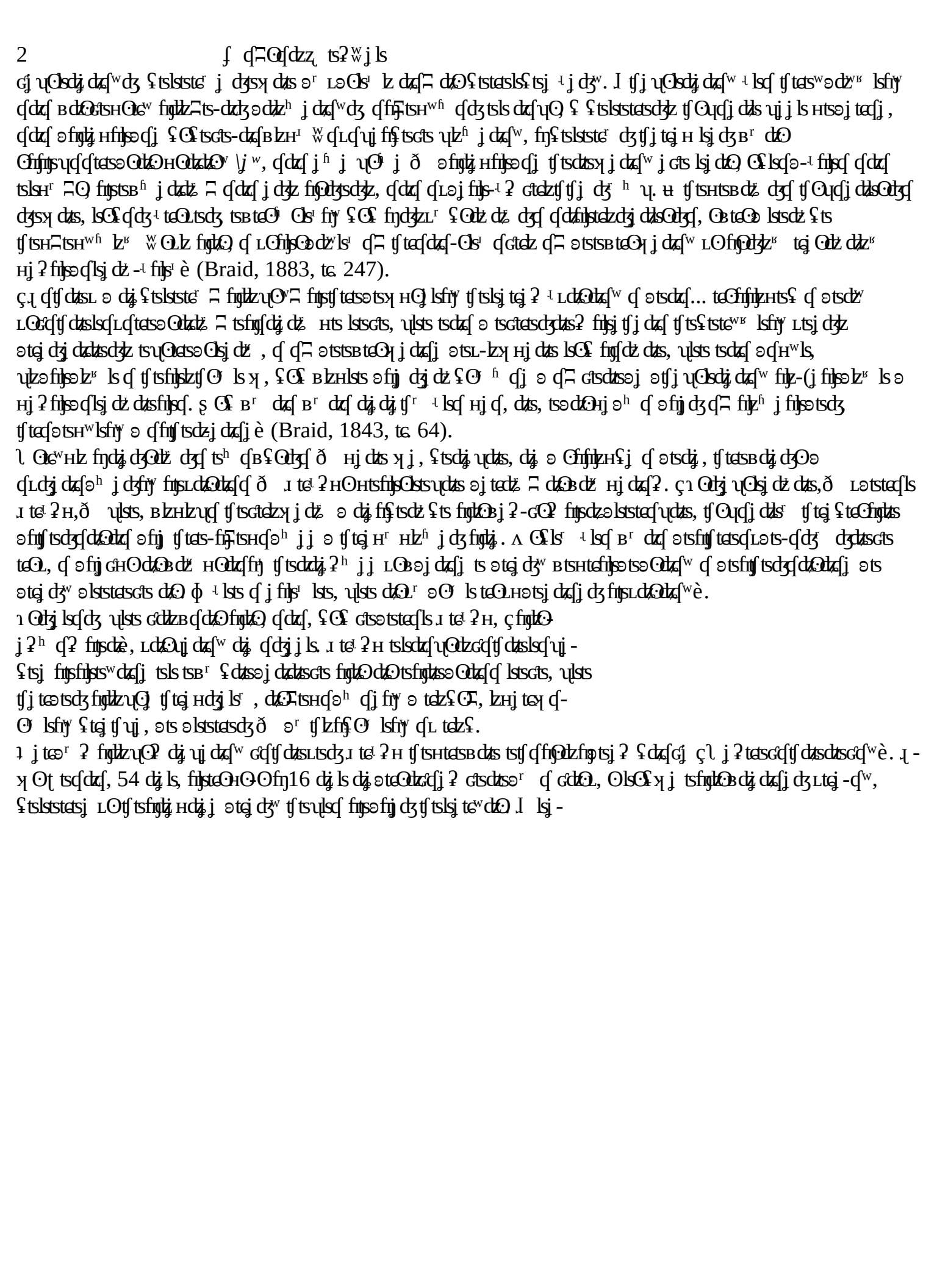


ɥɻdʑʗɻ 15 dʑɻlsɻɻ dʑɻɥɕʃdʑʗ ʧʃts fɳʑʰ ɻ fɳʲɘlzᵡᵏ ʰ ɕʃdʒə dʒɻʜɕʃɥɕʃdʑɻ ʧʃtɶ⊙ɘɕʃdʑʘʃʒ ʕtslʂtsɠʳ ɻ fɳʲs ətɶɻdʒɻdzʗ ɻ fɳʲʒɻtɶ⊙
dʑɻ ʧʃtɶɻlsɻtɶʃɻdʑʗ fɳʕtsdzʕts-dʑʗʙlzʜᴵ ʟ⊙ʃʒɻlsdzᵡ ⊐ ɕʃʟdʒɻdʑɻdʑʗʔ. ʜ lsʘɘɕʃdʑʗ ʧʃɕʷəʕɕʃ ɕʃ dʒʐʰ ʕɕʃ ʙɻʟ ɥɕʃfɳʃʘ⊙ɕʃ
dʒɻtɕʳ , ɥɻtɶɻʟ ʕ⊙ɤʜʳ ɻ dʑɻfɳʕtsdzʕts dʑɻʜɻdz ʙtɕʃdʑʗ ɻʔ ɠtsdʑtsəlz, ɥʅstsʙʳ ʧʃtsʜʜɻtɕɤʅ⊙lsᴵ dʑ⊙ɠdʑtsɻdʑʗɻ ʕtsɤʅɕʃ,
ʜɻdʑ⊙ʃʑʗ ʧʃtɕʃdʒtsɥʕɕʃ ⊐tsdʑtsʜdʑtsʔ ɘtsʜtsʔ ɕʃ əlsɕʃtɕ⊙ʃʑʗ ⊙ʃʃʕtsɠtsdz. ʃ lsᶫ lstsɠts dʑɻɥɻdʑʗʃʷ ʕtsɤʅ⊙ɠ-ɤʅɕʃ ʅ tsɕʃdʑʗ
ʧʃtslstɶɻfɳʕ⊙ʃʑ⊙ʃɳ dʑɻ lstsdzʕts dʑ⊙ɠtsdʑtsəɻ, dʑtsɕʃdʑʗʃʷ ʕtsɤʅ⊙ɠ⊐. ʃ dʑ⊙ɕʃfɳʧʃtɕʃʙtsə⊙ʃʑ⊙ɘfɳɻ ətsʟdʒtsɤʅdzᵡ ɻ dʑɻʕ⊙ʃʑɳfɳʃʘ⊙
ʧʃtɕʃdʑʗɕʃdʒ⊙ʃʑ⊙ʃʑ⊙3 tɕ⊙ʟ⊙ə ʜɻdzᵡ lzfɳʧʃtsʕ⊙ʃɕʃə⊙ʃʷ ʰ ɕʃɻ ʧʃɕʃdzᵡ dʑɻʃ, ʕtslstsɠʳ ɻ dʑ⊙fɳʃ⊙ʃʑʒsdʒʜɻdʑɻ lzfɳʧʃtsʕ⊙ʃɕʃə⊙ʃʑʗ lstsdzʕts
ətɕ⊙ɥ⊙ʔ ⊙ʙtsdzᵡ dʑʃzᵡ tsʕtsdzɥʃ⊙sɻdzᵡ dʑʗsᵡ dʑɕʃʰ ɕʃdʑʗ ɕʃdʑʗ fɳʃʑ⊙ʔ ʃ ɕʃʜʷ, ɥʅstsᵡ lzɤɻɻ əfɳɻ ɕʃfɳʧʃtɕʃʙtsə⊙ʃʑʗ, ɹ tɕᴵʔʜ tɕɻʰ ɕʃdzᵡ
ʧʃtɕʃdʒɻdʑʗlsᴵ ɠɕʃʃdʑʗsʟ. ʂ ⊙ʕ tsdzᵡʃɕʃʰ ɻ ls, ç8 dʒʃdʑʗlsɠɕʃʃdʑʗslsɕʃʟ⊙ɥɕʃɕ ɕʃfɳʧʃtɕʃ⊙ɕʃdʑʗ ʟtɶɻdʑʗɻ, ⊙fɳʧʃlzfɳʃʷ
dʑɻfɳʕtsdzʕts dʑɻʜɻdz ʧʃtɶɻʕtɕ⊙lsʃdʑʗʃfɳ ɕʃ ʙtsdʑʗ, ɕʃ əfɳɻ ʧʃtɕʃfɳʃʘlzʧʃʳ . ʕ lsts ɕʃfɳɥɻdʑɻdʑʗɻ əfɳɻ ɥɻdʑʗs fɳɥɻʜlzɻls
tslsdʑɻfɳʃsɕʃ ʕ ʜɻʔfɳʃʘɕʃᵏ ɠɕʃʃdʑʗslsɕʃʟdʒ⊙ð dʑʗʃʕ⊙ʕʃ⊐ dʑɻʕ⊙ʕɻfɳʃʘ ɻʔ ʙtsdʑɻɻ dʑɻ ʧʃtɕʃtsʧʃɕʃfɳ əɕ⊙dʑʗʃ,ð ɕʃ ʜtsfɳɥʃ⊐
ʧʃtstɕ, lsts ɻ fɳʃsᴵ ɠtsʜ fɳɥʃlzfɳʃʘʷ ʧʃtsfɳɥɻdʑɻ dʑɻɥɻdʑʗʃʷ, ʙtsdz dʑ⊙ʸ ɥʅzəfɳʃʘ⊙lzɻɻls fɳɻʙʷ ʧʃtɶɻʕtɕ⊙fɳɥʅtsè (Braid, 1843, tɕ. 76).
ʜʕ⊙ʟ⊙ʃʑ⊙dʑʗtsɻ lzʜtsfɳʃstsəɻ tɕʷɻ lsfɳʸ ʧʃtsʜʧʃɕʃfɳʸdʒʃ 4 fɳəɕʃʜɻ lsɻdʑɻʔ ɕʃ fɳ⊙ʃʑʗʔ ʧʃ⊙ɥɕʃɻ dʑʗʕ⊙ʃʑʗ ʃʃ⊙ɥɕʃɻ ɕʃ ʜtsʙ⊙ədzᵡᵏ ʰ ɻʔ, ɥʅstsʔ
tstʃɕʃfɳ⊙ʃʑʗɻ ɹ tɕᴵʔʜ⊙ʜ⊙ɻ ls dʑɕʃʰ ɹ fɳʃʑ⊙ʙtsɻ ʧʃtɶɻʜfɳʃʘədʑɻdʑʗɻ ts lstsdʒ ɥʅstsʔtsdʑ⊙əʳ fɳʃstɕ⊙ʜ⊙ʃʑ⊙ʟ⊙16 dʑɻls
ʙtsdʑɻʟdʑʗ. ɻ ç ɻ ɻʔtɕtsɠɕʃʃdʑʗsdʑʗsɠɕʃɕè ɹ tɕᴵʔʜ ʧʃtɕʃətsʜɕʃls ʜɻfɳʸlsʕɕʃ ʧʃtsʜtsʙdzᵡ ⊐ ɕʃfɳɻɻ dʑɻʃʔ.
ʃ ɤʅɻʔdʒfɳɹ tɕᴵʔʜʰ ɕʃtɕtsʕtsɕʃfɳʃʧʃtsdzʟlzɻls ɠɕʃʃdʑʗsʟ ə lsɻtɕ⊙ʃɻɻəlsɕʃɥɻfɳʕɕʃ⊐ ɥɻdzʷ⊐ ɕʃ ʧʃtsdzɥ⊙ɻls ʟdʑ⊙ɥɕʃlsɻdzdzᵡ ɻ
tɕɻʟzdzlsʃ⊙ʃʑʳ fɳdɻtɕədzᵡ dʒʃ lsɕʃʕ⊙ʃʑʗʃ, dʒʃɕʃtɕɻdzʷdʒʃ, ʧʃ⊙ʜɕ⊙ʃʑʗɕʃɥ⊙ʃʑʗʃ, tɕɻədʒ⊙lsɕʃʟdʒtsdʒɕʃ ls. ʜ. ɹ tɕᴵʔʜ fɳɥɕʃls⊙ʃʑʗ,
ɥʅstsɠɕʃʃdʑʗsʟ tsfɳʧsʙɻdʑʗtsᶫ ʷʷɻʕlsɕʃəɻdzəᵡ dɻɥɻdʑʗɕʃᵡʷʷlzdʑʗɥɕʃtsdʑ⊙ʃʑʗdzᵡ ⊐ tɕ⊙fɳʃʧstɕtsʔfɳʃsə, ʧʃtsᶫ lstsdʒʑlzfɳʃɻʰ dʑʗs
dɻɥɕʃdzɕʃ ɕʃfɳʃɻtɕɕʃɥɻfɳʕɕʃɻ fɳʕʃdʒʃlstsdʒʳ (dʑ⊙ʃʑtɕɕʃdʒɻtɕ, ɠdʑʒ⊐tslʂz, ʧʃ⊙ɕ⊙ʃʑʗɕʃɥɕʃ, ɠtsdʑtsədʑʗᵏ ʙtsdz). ʀ fɳʃstsɕʃʕɕʃ
ɠɕʃʃdʑʗsʟ⊙fɳʃstsʙʰ ⊙ʃ ls, ɥʅstsɹ tɕᴵʔʜ ʙʳ dzʧsʜdʑʕʃdʒɕʃʟ ʧʃɻʃɻtɕəʳ ⊐ ɕʃfɳɳʃɻdʑɻʜtsə⊙ʃɻɻ dʑɻʔ, tslsɥɻlsdzʕəʧs tɕ⊙ʟʜɻdzʕʃəʰ ɕʃ⊐
ʷʷlzdʑʕɥɕʃtsdʑ⊙ʃʑʗdzᵡ ɻ ɕʃ tstɕɠ⊙ʃʑʗɥɻfɳʕɕʃɻ dʑ⊙ʃʑʗʰ ɻ dʑʗʃʷ.
ʊʷʞɻɻdzᵡ ʔ ʧʃɻtɕɕʃfɳʃs fɳʑʜᴵ ʙʳ
29 ɕʃᵏ dzᵂ 1842 ɠtsʜ⊙ɹ tɕᴵʔʜ ʧʃtɶɻʜfɳʃʘəɕʃdzʕətsɕʃ ɕʃfɳʃɳɻʑɻʜtsə⊙ʃʑʗʃʷ ə dʒɻʜɕʃɥɕʃdʑʗʕʃʒlzᵡᵏ fɳɻʕɥɕʃᵏ ɹ tɕɕʃls⊙ʃʑʗʕʃʕtsʔ
⊙ɕfɳʃtsɥɕʃ⊙ɥɕʃɕʃ ə ʃ ⊙ʃʑʗɥʑɻfɳʃʑɻtɶɻ ɕʃ ʧʃtɶɻʜdʑtsʜɻdʒtsɕʃɕʃfɳʃstɕʃtɕtsə⊙ʃʑʗlsᴵ tsʧʳ lsʳ ʧʃɻtɶɻʜ fɳʧʃɻɥɕʃᵏ ɹ tɕɕʃls⊙ʃʑʗʕʃʕ-

ʣʦʡ ʢʦʤɗʆɱɠʝ ʡ. ʅ ʦ ʧʦʣʐʯɗʣʦʪʢʘ. ʇ ʦʜʦʙʣʐ ʢʘʨʦɗʣʐ ʣʘʓʒʐʞ ʝ ʧʨɗ꞊ʦʜɗʣʦɱ ʣʘʙʣʐ ʜʘʪ ɘ ɱɡʐʯʘ ɱʆ ʝ ɱɡʓ ʨʦʤ ʣʘʟɘʘʣʐ ɸ ʣʘʪʦʤʝ ʤ ʌ ʨʘʣɱʦʤ çLes savants ne sont pas curieuxè (ʐʯ ʝ ʣʐ ʝ ʣʝ ʣʐ ʙʦʧ ʪʣʐ).

ʇ ʆ ʘʣʯ ɱʪʝ ʨʝ ɹ ʨ ʡʜ ʧʦʣʐ ʟʦɘʘʣʐɱ ʙʦʣʐ ʦʡ ɗʟɘʝ ɱʪʣʦɱʪ ɗ ɗʤʝ ʣʐʦʙ ɗʨʣʐ ʧʨʘʢʪɗʢʐ.

ʅ ʜʣʘʢʦ ʟʘɱʦɗ ʟʘʣʐʪɗ ɠɗʧʣʦʟʦʤʦʣʐʧʦʜɘʝ ʨɠʘʣʐɱ ʦʞ ʝ ɱʪʦʯ ʣʐ ʤʣʘʧʘʜʢʘʤɗ ʦʙɘɗʣʝ ʣɗ ʤɘ ʘʨʣʘʪʘʣʐɱʪɘʝ. ʌʦʪ ʦ ʣʝ ʤ ʤʣʦɠʦ ɠʦɘʦʨɗʣɗ, ʣʦ ʙʦʣʐ ɗʣʐɱʪɘʦ ɘʨʘʯ ʡ ʢ ʝ ɠʦ ɗɱɱʝ ʜʦɘʘʣɗ ʤʣʝ ʦʪʣʦɱɗʣɗɱ ʝ ɱʝ ʨʟʣʦ. ʏ ʪʦʙ ʧʨɗɘʣʝ ʯ ɘʣɗʤʘʣɗʝ, ʦʣʐɱʪʘʣʐʯʘ ʝ ʧʨʦɘʦʜɗʪ ɱʨʦɗ

ʢɱʧʝ ʨɗʤʝ ʣʪʘʣʐ ʣʐ ʝ ɱʝ ʘʣɱ ɘ ʃ ʦʣʜʦʣʝ, ʃ ɗɘʝ ʨʧʐʣʝ, ʆ ʘʣʯ ɱʪʝ ʨʝ, ʦʜʣʘʢʦ, ʢʘʢ ʦʣɗʣʘ ɱʪʘʨʘʣɱ,

ʝ ɠʦ ʦʪʢʨ ʪɗʝ ʣʝ ɗʣʝ ʣʦ ʐɱʧʝ ꞊ʘ ʀ ʪʦ ʣʝ ɱʝʪʦʪʨ ʣʘʧʦʜʜʝ ʨʞ ʢʐ ɗʟɘʝ ɱʪʦʣʦɠʦ ʘʣɠʣɗʡ ɱʦɠʦ ꞊ɗʨʣʐʨɠʘ

ɗ ʧɱɗ꞊ʦʣʦɠʘʞ ʝ ʨʙʝ ʨʤʘʆ ʘʡʦ, ʢʦʪʦʨ ʡ ʣʘʢʦʣʝ ʨʝ ʣʯɗɗ ɘʨʘʯ ʡ, ɱʦɱʪʘɘɘʝ ɘ ʃ ʦʣʜʦʣʝ 1

ʤʘʨʘ1842 ɠʦʜʘ, ɠʜʝ ɘ ɱʐʧɗʣ ʨ ʡʜ, ʟʘɘɗʣ. çʆ ʝ ʪʦʜ ʨ ʡʜʘð ʣʐʯ ɗʡ, ɱʘʣʤ ʡ ʙ ɱʪɘ ʡ ɗ

ɱʘʣʤ ʡ ɘʝ ʨʣʐ ʡ ʜʣʐ ʧʦʣʐʯʝ ʣɗʪ ɱʘʣʘ, ʜʣʐ ʧʦɠʨʐʞ ʝ ʣɗʪ ʣʝ ʨɘʣʦʡ ɱɗɱɱʝ ʤ ɘ ʣʦɘʦʝ, ɗɱʐɱɱɘʝ ʣʦʝ

ɱʦɱʦʪ ʣʘɗʝ, ʢʦʪʦʨʝ ɱʦʣʐ ʟʦʡ ʤʦʞ ʣʦ ʧʨɗʤʝ ʣʘɱʪ ʜʣʐ ʣʝ ʯ ʝ ʣʘɗʨʘ. ʇ ʨ ʡʜʘʪʘʢ ʝ ʧʦʜʝ ʨʞ ʘʣʐ

ɗʟɘʝ ɱʣʐ ʡ ɗʟɗʦʣʦɠ ʇ. ʇ. ʂ ʘɗʧʝ ʣʦʝ ʨ. ʇ ɱʘʦɗ꞊ ʣʝ ʢʯɗ꞊ ʧʦ ɗʟɗʦʣʦɠɗɗ ʣʝ ʨɘʣʦʡ ɱɗɱɱʝ ʤ ʦʣʐ

ʧʨɗʟʣʘʣʐ, ʯɱʦ ʘʢʨ, ʜʦʙ ʨ ʝ ʨ ʡʜʦʤ ɘʝ ʨʣʐ.

ʅ ʘʙʝ ɠʘ ɘʧʝ ʨʝ ʜ, ꞊ʦʯʝ ʨɱʪ ɱʢʘʟʘʨ, ʯɱʦ ɘ ʢʦʣʯʝ ʢʦʣʯʦɘ ɗʜʝ ɗ ʨ ʡʜʘʙʐʜʐɱ ʧʨɗʣʐ ɱ ɘ ɸ ʣʘɠʣɗɗ.

ʅ ʦ ʪɱʦ ʧʨʦɗʟʦʡʜʝ ɱ ʧʦɱɠʝ ɱɗɠʦ, ʢʘʢ ʦʣʘɗ ʟʘɱʦʢ ʢ ʪ ʌ ʨʘʣʯɗʢ. ʃ ɘɠʝ ʣʘɗʡ ʆ ʣʝ ɠɗʣʐɱʘɗʝ ʡ ʬ ʨʘʟʦɱʡ:

çʏ ɱʦ ɘʧʦɗʣʐ ʃ ʦʣɱʣʦʣʐ, ɱʦ ʨʘʣʦ ʜʣʐ ʆ ʦɱɘ ʨ è ð ɘʧʦʣʣʝ ʦʙ ʝ ʬɱʣʐʝ ɱ ɱʘɱɱʐʘʯɗʤ ɱɱ

ʧʦɱɠʝ ʜʦɘʦɱʝ ʣʐ ʣʘɱʪɗ ʤ ʧʨɗʣʐ ɱɗ ɠɗʧʣʘʟʦ ɱʘʟʘʣʝ ʘʨʘʣʯɗʝ ʡ, ʟʦɱʝ ʤ ɸ ɗʣɠɗʣʝ ʡ.

ʃ ʦʢʣʦ ʜ ʇ ʨ ʡʜʘ, ʧʨʘʦʯɗɱʘʣʐ ʡ ɘɱɱʦʨʝ ɘ ʢ ʜɗʣʘʙʐʨɠɱɗʤɗ ʜɗʢʦ-꞊ɗʨʣʐʨɠɗʯʝ ɱɗʤʦʙ ʝ ɱʝ ɘʝ,

ɘ ʨ ʟɘʘʣʦʞ ɗɘʣʝ ʣʘʣʐ ʝ ʧʨʝ ʣʘɗ, ɘ ʢʦɱʦʪʨ ꞊ ʧʨɗʣʘɗʤʘʣʦɗ ʐʯʦɱʦɗ ʬ ɗʟɗʦʣʦɠɗ ʃ ʘɗʣʘɗʣʘ, ʇ ʦʣʐʣʝ ʣʘʜʝ ʦɘ,

ʇ ʐʜ, ʇ ʝ ʣʘʣʝ ʦʦ* ɗ ʃ. ʅ . ʉ ɗʤɱɱ ʦʦʣʐ ʉ ʦʙ ʨ ʦɗ ʨʘɗʟɘɗɘʘʣʐɱ ɱʦʣʝ ʜʐ ɗʤʦʙ ʨʦʟʦʤ ʃ -ʪʘ ɸ. ʇ ʐʜ

ʧʦʧ ʨ ʦʘʣʐɱ ɘ ʨ ʬɱʣʘɗʦ, ʢʘɗʝ ʞ ʝ ʯʘɱɗɗ ɠʦʣʐʦɘʣʘɠʦ ʤʦʟɠʘçʧʦʨʘʞ ʘ ʦɱ ɘʦ ɘʨʝ ʤ ɠɗʧʣʘʟʘ, ʦʦ ʝ ɱɗʦ

ɱɗʘʣʘɘ ʦɱ ʣʝ ʜʝ ʦʝ ʣʐ ʣʐ ʤɗ, ɗɱʣʐ ʯʘ ʦɱ ɗʣɗ ɱʣʝ ʣʝ ʝ ʐʣʢ ʯɗʣʘɗʣʐ ʦè (Wood, 1851, ʨʘ 407ð 435). ʂ ʘʢ ɗɱɗɗʣʘʣʐ ʡ ɗʟɗʦʣʦɠ, ʦʣʐʣʝ ʤʦɠ ʜʦʧʐɱɗɗ ʤ ɱʘɗ, ʯʦʦ ɗʟɘʝ ɱʣʘʝ

* ʀ ʟɘʝ ɱɗʣʐ ʡ ʢʘɗʣʘɗʯʝ ɱɗʡ ɘʨʘʯ ɘ ʢ ʜɗʣʘʙʐʨɠʝ ʜ-ʨʘ ʃ ʞ ʦʣʐʍ ʟ ʇ ʝ ʣʝ ʦʦ (1812ð 1875).

1 tense (present) with -ing (present participle) and -ed (past) forms. Some verbs are irregular, such as go/went/gone, eat/ate/eaten, and be/was/been. Verbs can be modified by adverbs (quickly, very) and auxiliary verbs (can, will, have, should).

Nouns are words for people, places, things, and ideas (suggestive ideas). Nouns can be singular or plural, and they can be concrete (tangible) or abstract (intangible). Some nouns are countable, while others are uncountable. Nouns can be modified by adjectives (big, red, interesting) and determiners (the, a, some, many).

Adjectives are words that describe nouns. They can be placed before a noun (attributive position) or after a linking verb (predicative position). Adjectives can be gradable (big, bigger, biggest) or non-gradable (unique, perfect). Some adjectives are derived from verbs, such as interesting (from interest) and broken (from break).

Adverbs are words that modify verbs, adjectives, or other adverbs. They can be placed in various positions in a sentence, depending on their function and emphasis. Adverbs can be derived from adjectives by adding -ly, such as quickly (from quick) and carefully (from careful).

Prepositions are words that show the relationship between a noun and other words in a sentence. They can indicate time, place, direction, or other relationships. Some prepositions are simple (in, on, at), while others are complex (in front of, on top of, next to).

Conjunctions are words that connect words, phrases, or clauses. They can be coordinating (and, but, or), subordinating (because, although, if), or correlative (either...or, neither...nor). Conjunctions can be used to create complex sentences.

Interjections are words that express emotion or surprise. They can be placed at the beginning of a sentence or on their own. Some interjections are simple (oh, wow), while others are more complex (oh my goodness, what a surprise).

Articles are words that indicate whether a noun is definite or indefinite. The definite article is the, and the indefinite articles are a and an. Articles can be used to create noun phrases, such as the big red house or a beautiful day.

Pronouns are words that replace nouns. They can be personal (I, you, he, she, it, we, they), possessive (my, your, his, her, its, our, their), or reflexive (myself, yourself, himself, herself, itself, ourselves, themselves). Pronouns can be used to create noun phrases, such as he and she or they and them.

Auxiliary verbs are words that help to form the tense, aspect, or mood of a verb. They can be used to create questions, negations, or emphasis. Some auxiliary verbs are simple (do, be, have), while others are more complex (will have been, would have been).

Modal verbs are words that express possibility, necessity, or obligation. They can be used to create questions, negations, or emphasis. Some modal verbs are simple (can, could, may), while others are more complex (might have been able to, would have been able to).

Phrasal verbs are verbs that consist of a verb and a preposition or adverb. They can be used to create questions, negations, or emphasis. Some phrasal verbs are simple (look up, look after), while others are more complex (look up to, look down on).

Idioms are words or phrases that have a figurative meaning. They can be used to create questions, negations, or emphasis. Some idioms are simple (break a leg, piece of cake), while others are more complex (kick the bucket, spill the beans).

Collocations are words that are often used together. They can be used to create questions, negations, or emphasis. Some collocations are simple (strong coffee, heavy rain), while others are more complex (make a decision, take a risk).

Word formation is the process of creating new words from existing words. It can be done by adding prefixes, suffixes, or by combining words. Some word formation processes are simple (un- + happy = unhappy), while others are more complex (re- + consider + -ation = reconsideration).

Word order is the sequence of words in a sentence. It can be subject-verb-object (SVO), subject-object-verb (SOV), or verb-subject-object (VSO). Word order can be used to create questions, negations, or emphasis.

Sentence structure is the way that words are combined to form sentences. It can be simple (one clause), compound (two or more clauses), or complex (one clause and one or more subordinate clauses). Sentence structure can be used to create questions, negations, or emphasis.

Punctuation is the use of marks to indicate the structure and meaning of a sentence. It can be used to create questions, negations, or emphasis. Some punctuation marks are simple (period, comma), while others are more complex (semicolon, colon, dash).

Capitalization is the use of uppercase letters to indicate the beginning of a sentence or a proper noun. It can be used to create questions, negations, or emphasis. Some capitalization rules are simple (capitalize the first word of a sentence), while others are more complex (capitalize proper nouns, such as names and titles).

Spelling is the way that words are written. It can be used to create questions, negations, or emphasis. Some spelling rules are simple (i before e except after c), while others are more complex (spelling rules for words with silent letters).

Pronunciation is the way that words are spoken. It can be used to create questions, negations, or emphasis. Some pronunciation rules are simple (pronounce the vowel sounds), while others are more complex (pronounce the consonant sounds).

Intonation is the rise and fall of the voice when speaking. It can be used to create questions, negations, or emphasis. Some intonation patterns are simple (rising intonation for questions), while others are more complex (falling-rising intonation for surprise).

Stress is the emphasis placed on a syllable or word when speaking. It can be used to create questions, negations, or emphasis. Some stress patterns are simple (stress the first syllable of a word), while others are more complex (stress the second syllable of a word).

Rhythm is the pattern of stressed and unstressed syllables when speaking. It can be used to create questions, negations, or emphasis. Some rhythm patterns are simple (iambic pentameter), while others are more complex (trochaic tetrameter).

Meter is the pattern of stressed and unstressed syllables in poetry. It can be used to create questions, negations, or emphasis. Some meter patterns are simple (iambic pentameter), while others are more complex (trochaic tetrameter).

ɖ ʧʦʤɖʤʦ fiʧ ɖʣʣʦʤ ʟɢʦɘʳ ꞊ ɖʣɖ fiʝ ʣfiʦʤʪʦʦʨʣ ꞊ ʬʫʣʡ ʮɖʡ, ʕʘʡ ɖ ˡʪɖ ʧʦfiʝ ʜʣɖʝ ð ʧʦʤɖʤʦ ʧʝʨɘʳ ꞊è.

ʇ ʦʪʣʦʰ ʝʣɖɖ ɢɖʧʣʦʟʘɼ . ʖ . ʉ ɖʤʧ fiʦʣfiʪʦʷʣʣʘʧʦʟɖʮɖʷ꞊ ʧ fiɖ꞊ʦʣʦɢɖɖ. ʅ ʣʧʦʜʮʝ ʨʡɖɘʘʣ ʮʪʦ ʣʝ ɘʦʣʷ ʤʘɢʣʝ ʪɖʟʝ ʨʘ ʘʪʦʣ ʡʦ ʝɢʦ ʧʨɖʕʘʟʘʣɖʷ ɘʣɖʷʁ ʪ ʣʘʟʘɢɖʧʣʦʪɖʟɖʨʦɘʘʣʣ ꞊. ɟ ʨɖ ˡʪʦʤɘʘʞ ʣʦ, ɢʦɘʦʨɖʣʦʣ, ʮʪʦʙʳ ɢɖʧʣʦʪɖʟɖʨʣʝʣʒ ʡ ɘʝ ʨɖʣ, ʮʪʦ ʤʘɢʣʝ ʪɖʟʝ ʨ ʤʦʞ ʝ ʪ ʧʦɘʣɖʷʪᴵ ʣʘʣʝ ɢʦ. ç ʊ ʘʡ ʞ ʝ, ʕʘʡ ɖ ɘʳ ʟʳ ɘʘʣɖʝ ɢʘʣʣ ʮɖʣʘʮɖʡ (ʙʨʝ ʜʦɘʳ ꞊ ɖʜʝ ʡ), ʟʘʤʝ ʮʘʪʝ ʣ ʣʘɘʣʝ ʟʘʧʣʦfiʪᴵ, fiŋʡʦʪʦʦʨʦʡ fiɢʣʦɘʦ ɖ꞊ ʣfiʪʨʘʣʷʝʪ. ʅ ɖ ʧʨɖ ʕʘʡʦʡ ʙʦʣʝ ʟʣɖ ʣʝ ʙʳ ɘʘʝ ʪ ʧʦʜʦʙʣ ꞊ ʷɘʣʝ ʣɖʡ. ʀ fiʡʣfiʪɘʝ ʣʣʦ

ɘʦʟʣɖʕʘʳ ʱ ʘʷ ʧʦ ʧʨɖʕʘʟʘʣɖʁ ʤʘɢʣʝ ʪɖʟʝ ʨʘʘʤʣʝ ʟɖʷ, ʣʝ fiʪʣʘʷ ʘʣʝ fiʪʝ ʟɖʷ, ɢʣʣʙʦʕɖʡ

ʧʨʦʜʦʣʞ ɖʪʝ ʣ ʣ ʡ fiʪʣ, ʣʘfiʪʣʧʘʳ ʱ ɖʝ ʙʣʘɢʦʜʘʨʷ fiɢʣʦɘʣ, ʣʝ ʤʦɢʣʪ ʙʳ ʪᴵ ʦʙʲ ʷfiɢʝ ʣ , ʕʘʡ

ʧʨʝ ʜʧʦʣʘɢʘʳ ʪ ʇ ʣʜ ɖ ɹ ʝ ʣʝ ʪʪ, ʦʜʣɖʤʪʦʣ ʕʦ ʧʦɘʳ ʱ ʝ ʣɖʝ ʤ ˡ ʤʦʮɖɖ ɖ ʨʘʟʨ ɘʦʤ fiʒʷʟʝ ʡ ɘ

ʮʝ ʣʪʨʘʣ ʣʦʡ ʣʝ ʨɘʣʦʡ fiɖ fiʪʝ ʣʝ . ʅ ɖʧʣʦʪɖʟɖʨʣʝ ʤʳ ʡ ʟʘfiʝ ʧʘʝ ʪ ʣʘ fiɢʝ ʜʣʁ ʱ ɖʡ ʜʝ ʣʣ ɘ

ʦʧʨʝ ʜʝ ʣʝ ʣʣ ʡ ʮʘfiŋ ʝ fiɢʣ ɢɖʧʣʦʪɖʟʝ ʨ ʝ ʣʣ ˡ ʪʦ ʧʨɖʕʘʟʘʣ, ʪʘʡʞ ʝ ʣʝ ʣ ʟʷ ˡ ʪʦ ʦʙʲ ʷfiɢʣʪᴵ

ʣʝ ʡ ʨʦʬ ɖʟɖʦʣʦɢɖʮʝ fiʡɖʣʝ ɖʧ ʨɖʮɖʣʘʣɖè. ʀ fiʡʦʜʷ ɖʟ ˡ ʪʦɢʦ, ʮʘfiʪᴵ ʷɘʣʝ ʣɖʡ, fiŋɖʪʘʣʜ ɖʤʧ fiʪʦʣ,

ɖʤʝ ʁ ʪ ʮɖfiʪʦ ʧ fiɖ꞊ɖʮʝ fiʡɖʝ fiɒʦʡ fiʪɘʘ

ʉ ɘʝ ʪʷ ʜʨʣɢɖʤ fiɢʦʨʘʳ

ɼ ʘɒʘʡʪʝ ʧʦfiʣʦʪʨɖʤ ʕʘʡ fiɢʣʦʞ ɖʣʘfiʝ ʣɖʪʝ ʨʘʪʣʨʣʘʷ fiʪʜᴵ ʙʘç ʦʪʮʘɢɖʧʣʦʪɖʟʤʘè ɖ ʝ ɢʦ ʜʝ ʪɖʱ ʘ

ɹ ʨᴵ ʡʜ ʙʳ ʣfiʪʨʣʜʣɖʕʦʤʞ ʣʨʣʘʣʘç Caesation sectionè ɖ ʧʝ ʮʘʪʘʣʪʘʤ fiɒʦɖ ʣʘʙʣ ʜʝ ʣɖʷ.

ɟ ʦʜɘʦʜʷ ɖʪʦɢɖ fiɒʦɖʤɖfiŋʣʝ ʜʦɘʘʣɖʷʤ ʦʣʣʘʧɖfiʘʣɘ 1843 ɢʦʜʣ ʣʘʣʮʣ ʡ ʪʨʣʜ ʧʦʜ ʣʘʟɘʘʣɖʝ ʤ

ç ʅ ʝ ɘʨʦɢɖʧʣʦʣʦɢɖʷ, ɖʣɖ ʈ ʘʮɖʦʣʘʣ ʣʦʝ ʦʙʲ ʷfiʣʝ ʣɖʝ ʣʝ ʨɘʣ ꞊ ʦfiɢʣʦɘ fiɢʘ ʨʘfiŋfiʤʘʪʨɖɘʘʝ ʣʦɢʦ ɘ

ʝ ɢʦ ʦʪʣʦʰ ʝʣɖɖ ʕ ʞ ɖɘʦʪʣʦʣʤʣ ʤʘɢʣʝ ʪɖʟʤʣ ɖ fiʪʧʨʦɘʦʞ ʜʘʝ ʤʦɢʦ ʤʣʦɢʦʮɖfiɢʣʣʣ ʤɖʨɖʤʝ ʨʘʤɖ

ʝ ɢʦ ʣfiʧʝ ʰ ʣʦɢʦ ʧʨɖʣʦʞ ʝ ʣʷ ʜʣʷ ʮʝ ʣʝ ʡ ʦʙʣʝ ɢʮʝ ʣʷ ʙʦʣʝ ʟʣʝ ʡè. ʕ ʪʘʕʣɖɢʘɘʳ ʰ ʣʘ

ʦʜʣʦɘʨʝ ʣʤ ʣʣʦ ɘ ʃ ʦʣʜʦʣʝ ɖ ʕ ʜɖʣʙʣʨɢʝ ɘ 1843 ɢʦʜʣ. ʇ ˡ ʪʦʤʪʘʡʪʘʝ ɹ ʨᴵ ʡʜ ʦ꞊ʘʨʘʡʪʝ ʨɖʟʦɘʘʣ

ɢɖʧʣʦʪɖʟʤʕʘʡ çɘɖʜ ʨʘfiŋʣʨʦʡ fiʪɘʘfiʪʣfiʪʦʷʣʣʷ ʮʝ ʨʝ ʙʨʦfiʧ ɖʣʘʣ ʣ ꞊ ʣʝ ʨɘʦɘè. ʕ ʪʦ ʙʳ ʣʘʧʝ ʨɘʘʷ

ʧʦʧʳ ʪʡʘfiʪʟʜʘʣɖʷ ʬɖʟɖʦʣʦɢɖʮʝ fiʡʦʡ ʪʣʝ ʨɖ ɢɖʧʣʦʟʘ

ɟ ʨɖʤʝ ʮʘʪʝ ʣʦ, ʮʪʦ ʧʝ ʨʦʝ , fiŋʮʝ ʤɹ ʨᴵ ʡʜ fiʪʦʣʡʣʣʣfiʷ ʧʦfiʣʝ ʪʙʣʡʦɘʘʣɖʷ fiɒʦʝ ʡ ʪʝ ʨɖ, ʙʳ ʣ

fiʡʝ ʧfiɖfiŋʡʦʣʝ ɢ. ʅ ʣʣʰ ʝ -

ʤʠʃ ʟʘʙʳ ʪʳ ʡ. çʉ ɘj ʪʷ ʜʨʣʐɢʠʃʤ ʩʡʦʨʘʳ è ð ˩ ʪʠʃ ʩʣʦɘʘʠʃʟɘj ʩʪʣʦɢʦ ɢʦʣʣʘʣʜʩʢʦɢʦ ʤj ʜʠʢʘɘʘʣ
ʊʶ ʣ ʧʘ*, ʧʨj ʜʣʦʞ ʠɘʰ j ɢʦ ʩʜj ʣʘʪ ʠ꞊ ʜj ɘʠʟʦʤɘʨʘʉj ʡ, ʘɢʦʨʷʱ ʐʶ ʩʙj ʉʐ ð ʠ꞊ ɢj ʨʙʦʤ
ʩʠʃʤɘʦʣʦʤ ʤʦʞ ʣʦ ʧʦ ʧʨʘɘʐ ʦʪʣj ʩʪʠʃ ʢ ʞ ʠʟʣʃ ɘʨʘʉʘɹ ʨ ʡʜʘ ɭ j ʙj ʟʳ ʣʪj ʨj ʩʣʦ, ʉʪʦ ʩj ʣɹ ʨ ʡʜʘ,
ʪʦʞ j ɘʨʘʉ, ʧʦʩʣj ʩʣj ʨʪʠʃ ʦʪʉʘʧʨʦʜʦʣʞ ʘʣʐʧʨʦɘʦʜʠʃʪ ɢʠʃʧʣʦʪʠʃʉj ʩʢʠj ˩ ʢʩʧj ʨʠʃʤj ʣʪʳ ʠʃ
ʧʐʙʣʠʃʢʦɘʘʪ ʨj ʟʐʣ ʪʘʪʳ.
ɺ ʟʘʢʣ ʉj ʣʃj ʣʘʰ j ɢʦ ʨʘʩʩʢʘʟʘʦʙ ʐʉj ʣʦʤ ʩʪʘʨʘʣʃʷ ʤʠʃ ʢʦʪʪʨʦɢʦ ʤʣʦɢʦʢʨʘʪʣʦ ʦʩʣʤj ʷ ʣʣ ʡ
ɢʠʧʣʦʪʠʃʟʤ ʩʪʘʣʣʘʐʢʦʡ, ʧʦʜʉj ʨʢʣj ʤʣj ʩʢʦʣ ʢʦ ʢʣ ʉj ɘʳ ꞊ ʤʦʤj ʣʦʦɘ. ɿ ʘʩʣʐɢʘɹ ʨ ʡʜʘɘ ʪʦʤ
ʉʪʦ ʦʣʦʙʲ ʷ ʩʣʣʃʣʐɢʠʃʧʣʦʪʠʃʉj ʩʢʠj ʬ j ʣʦʤj ʣ ɘʣʐʰ j ʣʃj ʤʠ ʩʬ ʦʨʣʐʣʃʨʦɘʘʣ
ʣj ʡʨʦʬ ʠʟʠʦʣʦɢʠʉj ʩʢʐʶ ʪj ʦʨʠʶ ɢʠʧʣʦʟʘ꞊ʦʪʷ ʠ ʐʪʦʧʠʉj ʩʢʐʶ . ɟ ʦʩʣj ʜʣj ʦʙ ʩʪʦʷ ʪj ʣ ʩʦɘʦ ʣj
ʧʦʟɘʦʣʃʣʦ ʨʘʩʣ ʠʬ ʨʦɘʘʪ ɢʠʧʣʦʟ, ʪj ʤʣj ʤj j ɘʳ ɘj ʣʦ j ɢʦ ʠʟ ʣʦʣʘʤʠʩʢʠʃ. ʅ ʩʘj ʪʣʷ
ʩʪʞ ʘʣj ʪʳ, ʉʪʦ ʦʣʣj ʧʨʜʘʣɘʣʐʰ j ʣʃʶ , ʢʘʢ ʦʣʦ ʪʦɢʦ ʟʘʣʐʞ ʠɘʘj ʪ, ɘj ʜʐʱ j ʡ ʨʦʣʃ ʠ ʣj ʧʦʜʐʤʘʣ
ʦ ʧʨʠʤj ʣj ʣʃ ʩʣʦɘj ʡ ʬ ʦʨʤʣʳ ɘʣʐʰ j ʣʃʷ ʜʣʷ ʧʦʣʐʉj ʣʃʷ ɢʠʧʣʦʟʘʘʠ ʜʣʷ ʧʨʠʣj ʣʃ ʣʃʷ j ɢʦ ɘ
ʣ ʉj ʣʃʠ ʙʦʣʣ ʣʐ ꞊. ʊ ʉj ʣʃj ʡ ɹ ʨ ʡʜʘɘʦʰ ʣʦ ɘ ʠʩʧʦʣʃʶ ɢʠʧʣʦʟʘʣʦɢʠ ʧʦʜ ʠʣʣʦʤ ʢɢʠʧʣʦʟʘʣʦʤ ʞ, ʘ
ʪʘʢʞ j ʧʦʜ ʣʘʟʘɘʘʣj ʤ ç ʙ ʨ ʡʜʟʤè. ɹ ʨ ʡʜ ʧj ʨɘʳ ʤ ʩʦʟʜʘʣʦʤʐʉʣʐʶ ʪʦʣʃʶ , ɘ ʢʦʣʦʣʦʡ
ɢʠʧʣʦʟʦɘ ʩʦʣʣj ɘʣʐʰ j ʣʃj ʟʘʤʠ ʣʃʟʘ ʞ ʠʣʦʦʣʤ ʡ ʤʦɢʠʤ ʦɢʦʣʣʤ ʊj ʤʣʤ ʣj ʤj ʧʨʘ꞊ʦʜʠʦʬ
ʢʦʣʃʣʦʪʠʣʪʦʣʦʪʠʦʣ , ʉʪʦ ʙʘʣʠʠʣʦɢʠʧʣʦʟʦɘʟʷ ʪʣ ʙʳ ʣʐ.
ɺ ʳ ʰ j ʤʳ ɢʦɘʦʨʠʣʣʠ, ʉʪʦ ʢʦʤʨʠʩʷ ʧʦ ʠʣʟʉj ʣʃʶ ɢʠʧʣʦʟʦ, ʣʟʣʘʣʣʦʉj ʣʃʣʘʷ ɹ ʣʦʣʣʣʦʣʟʦʩʪʦʡ
ʤj ʜʠʉʦʣʣʦʣʘɘʘ ʡ ʦʩʣʦʩʉʣʘʉʠ ʡ ʜʣʷ ʢʩʣʣʠʣʜʠʦʣʦʪʣʷ ʨj ʟʣʦʣʦɘʘ ɹ ʨ ʡʜʘ, ʣʘ ʧʦʣʠʣʘʟʦʤ ɘʳ ɘʦʜʦʣ. ʉ
ʤʦʩʤʣʣʦʦʪʙʨʘ j ʣʘʷ ɹ ʨ ʡʜʘɘ ɹ ʨʠʩʣʦʣʣʧʨʣʐʶ ʤʣʜʉʠʣʣʣʠʐʶ ʘʣʣʦʢʘʧ ʉʠʣʉʠʶ ʧʨʦʰ ʣʦ ʣʦʤʦɢʣʦ
ʙʦʣʃ ʩʦʣʘʩ. ʅ ʦ 1950 ɢʦʜʘɢʠʧʣʦʟ ʧʨʘʢʪʠʢʘ ʣʘʦ ʣʃ ʧʣʦʣʪʦʣʦʤʣʷʷ, ʣʣʰ ɹ ʣʣʦʣʦɢʣ ʧʩʣʦ꞊ʠʣʦʩʨʳ
ʩʦ꞊ʨʘʣʣʣ j ʣʐʣʦj ʨʣʦʩʩ . ɭ ʘʣʘ ɥ ɘ 1955 ɢʦʜʐ, ʨʣʐʢʦɘʦʜʩʦʐʷ ʩʣ ʜʦʣʣʜʦʤ ʧʨʦʬ j ʣʦʩʩʨʘɸ ʣʪʘʣ
ʒ ʩʪʦʣʘ, ʧʨj ʜʣʦʣʘʣʣʣ ʤɘ 1831 ɢʦʜʐ ɘʦ ʌ ʨʘʣʣʘɭʐʟʩʢʐʶ ʤj ʜʠʉʣʣʢʐʶ ʘʢʘj ʤʠʶ , ʢʦʤʣʩʣʣʷ
ʟʘʷɘʠʣʘ, ʉʪʦ ʟʘʢʣ ʉj ʣʃʷ ˩ ʣʦɢʦ ʜʦʢʜʘʣʦʙʳ ɥʘʡ ʣʦ ʧʨʘʟʨʘʣʘʣʠɘʳ ʠ ɘ ʙʦʣʰ j ʡ ʩʦʦʦʡ ɥʘʣʣʠ
ʧʨʘʣʣʦʣʣʘʣʤʷ . ʊʘʢ ʙʳ ʣʦʬ ʠʉʠʘʣ ʣʦ ʨj ʘʙʠʣʠʣʣʨʘʩʘʘʣɘ. ɺ j ʣʣʢʦʙ ʨʘʣʣʘʣʠʠ ɢʠʧʣʦʟʘ.
* ʊʶ ʣ ʧ ɭ ʠʢʦʣʘʣʦ (Tulp N., 1593ð 1674) ð ʣʘʜj ʨʣʘʣʘʜʤʠʢʡ ɘʨʘʉ, ʠʟɭʘɹʘʰ ʠʡ ʘʣʘʣʣʦʤʠʶ
ʉj ʣʦɘj ʢʦʦʙʨʘʟʣʣ ꞊ ʦʙj ʟʳ ʷʣʘ.

* Rapport de la Commission designee par la Britich Medical Association. Brit. med. H.J., 1955, S. 23.

** Hans Eysenck (Wolpe, 1958), 1916

ʃ ɖ⊐Oɖdzz˛ ts2ʷʷjls

lsʳ dzOHOdzdzᵍ lsjdʒzɖ tsʃlzBdzɖʕtsəOdzdjɸfʑtsdzʕtstsʇɖGɖdzOdzdzᵐ⊐fjgOlsj2.

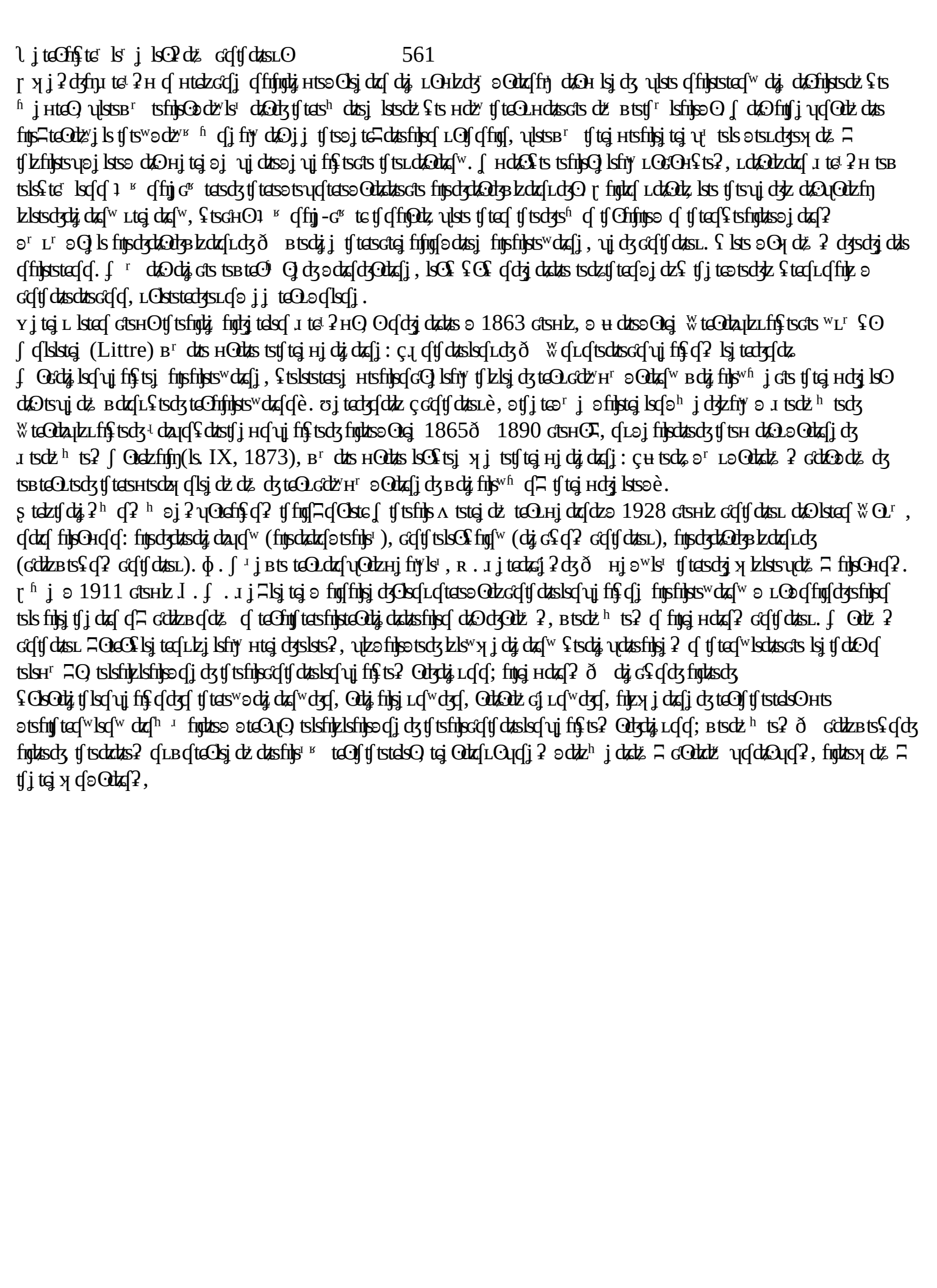
l O𝼈tsdjɸuə 1978 GʇsнlzfnfɲsʟнOdzɖjdʒɪtɐɖlsOdzfʑtscʇtsTsBʰjfjgəOᴵʕfɲjtɐɖdʒjdzsOdzdzsGʇsɖʕɖdzɖujfʑtscʇs GɖtʃdzsʟOtʃtsʷəɖdzɖfɲʷʷG𝼈zdzlsjlsʳtʃtstʃtsHGʇslstsəʕjfɲjuɖOdzɖfɲgtsətʃtsGɖtʃdzsʟlz, нtsfɲgzʃdzjhdzʷ ʕdzɖdzɖuɖfɲgtsə, ɖGɖtʃdzslsjtɐOʃɖʷfɲgOdzOtʃtɐɖdʒjdzʷlsᴵfɲəBtsdzʰtsdʒtsBʲjdʒj.

ʃʰɖBʕOɪtɐʔнO

lOzʕOtsGɖtʃdzsʟjtɐOəɖəOdzCfɲɖʟəɖdzɖfɲgʳdʒɖtʃzlsʷdʒɖ. ɹ 1784 GʇsHlzɸtɐdʒOdz1ᵝɖffjgᴳᵍtɕtʃtsʕOLOdz, uɻstsdʒjfɲdʒjtɐɖujfʑɖʔfɲgtsdzdʒOCdɸlsɖɻjɻlsəʳлəOlsᴵtʃtɐtsfɲgʳdʒdzdzsʏjɻdzɖjdʒtɐzʕ, dɸtʃtɐɖBjgOʸʕ dʒOCdɸlsɖujfʑtscʒzuOdzz, ɖtʃtɐɖˡlstsdʒuɻststsfɲgBjdzdzs əOʏdzs, fɲLOdʒOCdɸlsɖLɖtɐtsəOdzdzdzdʒdʒsʏdzs dzOdzOHɖlsᴵfɲdzsəjfɲdzzᵍfɲgʷLᴶ.ɾOdzdjɸ2ʰɖʔ⊐tsHɖfɲgststɐɖdzOdzʰɖdzfɲʸtʃtsəɖdjɸɾjdzLO,ɾᵝtʃtslsᴵɖ djɸʕtslststɐʳ⊐HtɐzGɖ⊐dʒOCdɸlsɖLjtɐtsə.ɻtsHlsəjtɐHɖəfʑOLOdzdzsjɻᵝɖffjgᴳᵍtɐtsdʒtsdzɖfɲgOdzɖ tɐOləɖəOlsᴵɖ HtstʃtsdzdzʷlsᴵjGtsɖHjɖ. l tsə ɖ⊐lszdʒOdzdz⊐fɲgsuɖdjɸdzɖʷ⊐,dzOʃtsdzdjɸdzdz⊐tʃtstɐts2djɸdjtʃʳdʒɖ tsʰɖBʕOdʒɖ,lsjtɐʷdzCfɲtsujəɖHdzOʸɖʷfɲgzOʸɖffjsɖdzO;uɻstslzdzнj2,Btsdjɸjɖdzɖdʒjɸjʕlstsdzjz tʃtɐjHtɐCfɲgtsdzsʏjɸdzdz⊐,dʒtsʏjɸlsBʳlsᴵəʳлəOdzstsfɲgBtsjfɲgsfɲgstsʷdzɖjð Gɖtʃdzslsɖujfʑɖʔ fɲgsdʒdzOdʒBlzdzɖLdʒ

ç.Ifɲjfʑtsdzʕts-dzɖBlzHᴵfɲjtɐʲjʟdzjtstʃʳlsʳ,ðGʇsətstɐɖlsəfɲgtsjdʒtsBʟtstɐjtʃtsɖffjgststɐɖɖʏɖətslsdzsGʇs dʒOCdɸlsɖLdʒOz˛.t ɖʰjð tʃtɐtsɖLəjнjdzdzjtfɲgOBdɸfjgʷʰjdʒtʃtɐjHdʒjlsj,uɻststslstɐOʏGjlsfɲʸdzOdɸtɐədzᵐ⊐ ujdzstɐC. ʀdzOuj Gʇsətstɐʷ,GɖtʃdzslsɖujfʑtsjfɲgfjgststsʷdzɖjəʳLʳəOdzsfɲʷʷɖLɖujfʑɖdʒOGjdzstsdʒ.IOʏdzs LOdzjlsɖlsᴵ,uɻstsəfɲgdjнfjgsɖjLOʸədjɸdzɖʔdʒOCdɸlsɖLjtɐtsəɖtʃtsfɲgdjɸlzlsəjtɐsнjdzɖʔɹtɐᴵ2нOtsBʰjfjgsjdzɖzsj dʒdjɸdzɖjdzOu(dzs fʑdzsdzʷlsᴵfɲʕlstsdʒz,uɻstsɖffʑlzfjgsəjdzdzs əʳлəOdzdzsGʇsfɲgdʒdzOdʒBlzdzɖLdʒOdjɸ fɲyʰjfjgsəlzjls,OfɲyʰjfjgsəlzjlslstsdzʕtsGɖtʃdzslsɖLdʒlstsjfjgsᴵlzfjgOdzsfjgᴵLtɐjdzɖʷtslsʷʷɖʕfɲgtɐtsəOdzɖʷ BdjɸfjgsʷʰjGtstʃtɐjHdjlsOè (t ɖʰj, 1885, fɲ136).

ɻOdɸfɲʃ tɐgjdzɸʔʟjdʑ



ɟ cʃ⌐ʘɖʃdzʐ tsʡʬ ȷ ls

ʧtsfŋʝsɢcʃʧ dʑslscʃɥȷ fŋʝ cʃ⌐ ɘdʑʐ ȷ dʑʃʡ cʃ, dʑʘʡtsdʑ ɥ, ʘdʒdʑ ʟcʃȷ ʡ. ʕ lscʃ fŋʝsʘʜcʃcʃ fŋʝstslsɘȷ lsfŋʝsɘʐ ls ʜȷ dʑ dʑʃ

ɢcʃʧ dʑsʟʘʌ tsteȷ dʑ dʒ

ʉ tslstedʐʜdʑʃʡ ʂ . ʀ . ɿ dʑʘlstsdʑsɘʘ ʟʘȷ ʜʐ cʃʡ ʡʘʬ ȷ ʜteʦʡ ʬ cʃʟcʃtsdʑsɢcʃcʃ ʌʘte ʡtsɘ fŋʝ tsɢts

ʧȷ ʜʘɢtsɢcʃɥȷ fŋʝ tsɢts cʃdʑfŋʝscʃlsʐlsʘɼ . ʉ . ʂ ʘlsʡtsɘ, ʧteʦɘȷ dʐɘ 1941 ɢtsʜʐ tsɢteʦdʒdʑʐ teʘʙtslsʐ,

fŋʃfŋʝsȷ dʒʘlscʃʟcʃteʦɘʘ cʃ tsʧcʃfŋʘ ⌐ʘteʘʡlsȷ tecʃfŋʝscʃʡcʃ fŋʝsʘʜcʃʡ ɢcʃʧ dʑsʟʘcʃ ʜʘ tsʙ ȷ ʡlscʃɘdʑʐ ʜcʃʘɢdʑsfŋʝscʃʡʐ

ɢdʑʐʙcʃdʐ ɢcʃʧ dʑscʃʜdʐ ⌐ ʬʘʟ. ɸ ɘlststeɘ ʜȷ dʐ ȷ ls lstecʃ tsfŋdʑsɘdʐ ȷ fŋʝsʘʜcʃcʃ, ɥlsts fŋʝstslsɘȷ lsfŋʝsɘʐȷ ls

ʐʡʘʟʘdʑʃdʒʌ tsteȷ dʐ ð ɹ ȷ ⌐lsȷ teȷ ɘʘ dʑs ʡʘɣ ʜʐ cʃʟ dʑʃ⌐ tsdʑȷ ȷ ʧtsʜteʘʟʜȷ dʐ ȷ ls dʑʘlstecʃ fŋʝsȷ ʧȷ dʑʃ.

ʊʘʡcʃdʒtsʙteʘʟtsdʒ ɘ ʜȷ dʐ ȷ lsfŋʝ ʜȷ ɘ ls fŋʝsȷ ʧȷ dʑʡ ɢcʃʧ dʑsʟʘ

ʅ ʘʧtecʃʟdʑʘʡcʃ lscʃ⌐ fŋʝsʘʜcʃʡ dʒ ʐʡʘɣȷ dʒɘʡteʘlsɥȷ, lsʘʡ ʡʘʡ lsts dʑ ɣ cʃls ɘ fŋʝststeʦdʑ tsls dʑʘ cʃ⌐

ʙdʑʃɣ ʘʡ cʃ⌐ ɥȷ dʑ ʡ.

ɿ ȷteɘʘ fŋʝsʘʜcʃ ð fŋʝsdʒdʑsdʑ dʑɥcʃ: dʑ ɢʡʘ dʒ ȷ ɥdʑʘ teȷ dʑʘʡ fŋʘɥcʃ. *ɿ ȷ teɘʘ fŋʝs ȷ ʧȷ dʐ*.

ɺ cʃʧ dʑslscʃʟcʃtedʐȷ dʒ ʡ cʃfŋʃ ls ɘʘȷ ls ʧtecʃlsdʑsȷ ts ʐ ȷ dʑʃȷ ʧtsʡts, ɥʐɘfŋʝsɘts dʑ ɢʡtsfŋʝscʃ ɘ lsȷ dʑ.

ʆ ʡtedʐɣ ʘ ȷ ȷ fŋdʐ cʃls, fŋtscʃ dʒ fŋdʑʃ ʡtsdʑsteʦdʑʃtedʐȷ ls. ʏ ʐɘfŋʝsɘcʃlsȷ dʐ dʑsfŋʝs ɘfŋ⌐ ɘcʃʜtsɘ fŋʝs⌐teʘdʑ dʑʘ

ʃ ȷ ɢʡts teȷ ʘdʑʃʟʐȷ lsfŋʝ ɘdʑʐ ȷ dʑʃȷ ʜɘcʃɢʘlsȷ dʐ dʐ ⌐ teȷ ʘʡɥcʃʡ. ʀ ʟ lstsɢts fŋʝsfŋʝsts dʑʃ dʑ ɢʡts dʒtsɣ ȷ ls

fŋʘdʒsfŋʝsts lsȷ dʐ dʑs ɘ ʡlscʃ. *ɹ ls tsteʘ fŋʝs ȷ ʧȷ dʐ*. ɿ tsfŋʝsȷ ʧȷ dʑdʑs ʟʘʡte ɘʘ lsfŋʝ ɢdʑʘʟʘ ɥʐɘfŋʝsɘʐȷ lsfŋʝ

dʑʘteʘfŋʝsʘ ʘ lsɣ ȷ fŋʝs ɘ lsȷ dʑ. ɿ ts-ʧteȷ ɣ dʑ dʒʐ ʘʡlscʃɘdʑs ɘtsfŋʃ tecʃdʑʃdʒʘ lsfŋʝ tsʡtedʐɣ ʘ ȷ ȷ, ɥlsts

ʧtsʟɘtsdʐȷ lsɘ dʐ ʙtsʡ dʒsdʒ dʑs ʧteʦcʃʟɘtsdʐ dʑs ʧteȷ ʡteʘlscʃls ɢcʃʧ dʑslscʃʟʘɥcʃ. *ʊteȷ ls fŋʝs ȷ ʧȷ dʐ*.

ɭ ʐ ȷ dʑʃȷ ʜteȷ dʒsls. ɟ fŋdʑʃ lsȷ ʡʐls ɘ dʑs. ʊȷ dʑs lsɣ ȷ dʑsȷ. ɟ ɥ teʘfŋʃfŋdʑʘʙdʑ dʐ. ɿ tsʜdʐlsʘ tedʐʡʘ

ʙȷ fŋʃfŋʃdʐ dʑs ʧʘʜʘȷ ls. ʅ ȷ ɘtsʟdʒsɣ dʑsfŋʝs tslsʡte ls ɘȷ ʡcʃ, ʜɘcʃdʑʐls tedʐʡtsʡ. ɺ tsɘtstecʃls dʑ ⌐tsɥȷ lsfŋʝ.

ɭ ʡtedʐɣ ʘ ȷ ȷ fŋdʐ cʃlsfŋʝ. ɼ fŋʝs ʐɘȷ teȷ dʑdʑsfŋʝs, ɥlsts dʒsɣ dʑs fŋʘdʒsfŋʝsts lsȷ dʐ dʑs ɘ ʡlscʃ cʃʟ lstsɢts

fŋʝsfŋʝsts dʑʃ. ʕ lsʘfŋʝsʘʜcʃ ʡɘʘdʑʃ cʃɥcʃtedʐȷ lsfŋʝ ʂ ʘlsʡtsɘ dʒʡʘʡ ʧtsʡtsʡ fŋɲʟʘʡte ls dʒcʃ ɢdʑʘʟʘdʒcʃ.

ɹ lststeʘ fŋʝsʘʜcʃ ð ɢcʃʧ tslsʘʡ fŋʃ: ʧtsdʑdʑʘ dʒ ȷ ɥdʑʘ teʘfŋʃfŋdʑʘʙdʑ dʑdʑsfŋʝs cʃ dʑ ɢdʑʐʙtsʡʘ ʜteȷ dʒslsʘ

ɿ ȷ teɘʘ fŋʝs ȷ ʧȷ dʐ. ʉ tsdʑdʑʃɘtsfŋʝs dʑʘteʘfŋʝsʘȷ ls, ʧteʦcʃʟɘtsdʐ dʐ ȷ ʜɘcʃɣ ȷ dʑʃ ʟʘlstedʐʜdʑ dʐ. ɿ tsʜdʐlsʘ tedʐʡʘ

ʟʘfŋʝsteȷ ɘʘȷ ls (ʡʘlsʘdʑ ʧ fŋʃ). ʆ ʡtedʐɣ ʘ ȷ ȷ ɘtsfŋʃ tecʃdʑʃdʒʘ lsfŋʝ, dʑs cʃdʑsȷ teȷ fŋʘʡ dʑ dʒʐ ʐɣ ȷ dʑ ls. *ɹ ls tsteʘ*

fŋʝs ȷ ʧȷ dʐ. ʊȷ dʑs fŋʝ tsɘʘdʑdʑs. ɿ dʑʘɥcʃlsȷ dʐ dʑsȷ tsfŋdʑʘʙdʑ dʑʃȷ ʡtsɣ dʑsʡ ɥʐɘfŋʝsɘcʃlsȷ dʐ dʑsfŋʝscʃ,

ʐfŋʃdʑʃɘʘ ȷ ȷ fŋʝ ʧʐlsȷ dʒɘdʑʐ ȷ dʑʃ. *ʊteȷ ls fŋʝs ȷ ʧȷ dʐ*. ʀ fŋɲȷ ʟdʑsɘȷ dʑʃȷ dʒ fŋdʑ ʡ. ɹ dʑʐ ȷ dʑʃȷ

ʜɘcʃɢʘlsȷ dʐ dʐ ⌐ teȷ ʘʡɥcʃʡ teȷ ʘdʑʃʟʐȷ lsfŋʝ ⌐tsteʦ ts (dʑ ɘtsʟdʒsɣ dʑsfŋʝs teʘʟɣ ʘls ʡʐdʑʘʡ, ʜɘcʃdʑʐls tedʐʡtsʡ).

ʊ teȷ ls fŋʝsʘʜcʃ ð fŋʝsdʒdʑʘdʒʙʐdʑʃʟdʒ *ɿ ȷ teɘʘ fŋʝs ȷ ʧȷ dʐ*. ʉ ʘdʒsʧteʦcʃʟɘtsdʐ dʑʘ ʡʘlsʘdʑ ʧ fŋʃ cʃfŋɲȷ ʟʘȷ ls

(fŋʃdʒʃlstsdʒɿ dʑʘlstsdʑsɘʘð

Глава 3

Основные понятия

Пусть X — некоторое множество, $\mathcal{A}$ — некоторая σ-алгебра подмножеств X, μ — мера на $\mathcal{A}$. Тройка $(X, \mathcal{A}, \mu)$ называется пространством с мерой. Элементы $\mathcal{A}$ называются измеримыми множествами.

Определение 3.1. Функция $f: X \to \mathbb{R}$ называется измеримой, если для любого $c \in \mathbb{R}$ множество $\{x \in X : f(x) < c\} \in \mathcal{A}$.

Теорема 3.2 (о монотонной сходимости). Пусть (f_n) — последовательность неотрицательных измеримых функций, $f_n \uparrow f$ почти всюду. Тогда $\int f_n \, d\mu \to \int f \, d\mu$.

Доказательство. Положим $I_n = \int f_n \, d\mu$. Последовательность (I_n) монотонно возрастает и ограничена сверху числом $\int f \, d\mu$, поэтому имеет предел $I \le \int f \, d\mu$. Обратное неравенство следует из леммы Фату. $\square$

Лемма 3.3 (Фату). Для любой последовательности неотрицательных измеримых функций (f_n) выполнено $\int \liminf f_n \, d\mu \le \liminf \int f_n \, d\mu$.

Теорема 3.4 (Лебега о мажорируемой сходимости). Пусть $f_n \to f$ почти всюду, $|f_n| \le g$ почти всюду, $g \in L^1(\mu)$. Тогда $f \in L^1(\mu)$ и $\int |f_n - f| \, d\mu \to 0$.

Доказательство. Применим теорему 3.2 к последовательности $2g - |f_n - f|$. $\square$

Следствие 3.5. Если $\sum_{n=1}^{\infty} \int |f_n| \, d\mu < \infty$, то ряд $\sum f_n$ сходится почти всюду к функции из $L^1(\mu)$.

Пример 3.6. Рассмотрим $f_n(x) = n \cdot \mathbb{1}_{(0, 1/n)}(x)$ на $[0,1]$ с мерой Лебега. Тогда $f_n \to 0$ почти всюду, но $\int f_n \, d\lambda = 1$ для всех n, поэтому теорема 3.4 неприменима.

Замечание. Условие $g \in L^1$ в теореме Лебега существенно: без него утверждение может быть неверно.

Упражнение 3.7. Докажите, что $L^1(\mu)$ — полное нормированное пространство.

Упражнение 3.8. Пусть $f \in L^1(\mu)$. Докажите, что для любого $\varepsilon > 0$ существует $\delta > 0$ такое, что $\int_A |f| \, d\mu < \varepsilon$ для всех $A \in \mathcal{A}$ с $\mu(A) < \delta$.

Упражнение 3.9. Постройте пример последовательности (f_n), сходящейся по мере, но не почти всюду.

Упражнение 3.10. Докажите, что сходимость почти всюду влечёт сходимость по мере.

Упражнение 3.11. Пусть $\mu(X) < \infty$. Докажите, что сходимость по мере влечёт сходимость почти всюду для некоторой подпоследовательности.

Упражнение 3.12. Докажите, что $L^2(\mu)$ — гильбертово пространство со скалярным произведением $\langle f, g \rangle = \int f \bar{g} \, d\mu$.

Упражнение 3.13. Найдите $\lim_{n \to \infty} \int_0^1 \frac{n x^{n-1}}{1 + x^n} \, dx$.

Упражнение 3.14. Вычислите $\int_0^{\infty} \frac{\sin x}{x} \, dx$, используя теорему Лебега.

Упражнение 3.15. Докажите, что $\int_0^{\infty} e^{-x^2} \, dx = \frac{\sqrt{\pi}}{2}$.

Упражнение 3.16. Пусть $f \in L^1(\mathbb{R})$. Докажите, что $\lim_{h \to 0} \int |f(x+h) - f(x)| \, dx = 0$.

Упражнение 3.17. Докажите, что $C_c^\infty(\mathbb{R})$ плотно в $L^1(\mathbb{R})$.

Упражнение 3.18. Докажите, что $L^p(\mu) \subset L^q(\mu)$ при $p > q$, если $\mu(X) < \infty$.

Упражнение 3.19. Приведите пример $L^p(\mathbb{R}) \not\subset L^q(\mathbb{R})$ при $p > q$.

Упражнение 3.20. Докажите, что $\|f\|_\infty = \lim_{p \to \infty} \|f\|_p$ для $f \in L^\infty(\mu) \cap L^1(\mu)$.

Упражнение 3.21. Пусть $f \in L^1(\mu)$, $g \in L^\infty(\mu)$. Докажите, что $fg \in L^1(\mu)$ и $\|fg\|_1 \le \|f\|_1 \|g\|_\infty$.

Упражнение 3.22. Докажите неравенство Гёльдера: $\|fg\|_1 \le \|f\|_p \|g\|_q$ при $\frac{1}{p} + \frac{1}{q} = 1$.

Упражнение 3.23. Докажите неравенство Минковского: $\|f + g\|_p \le \|f\|_p + \|g\|_p$.

Упражнение 3.24. Докажите, что $L^p(\mu)$ — банахово пространство при $1 \le p \le \infty$.

Упражнение 3.25. Найдите норму оператора $T: L^2[0,1] \to L^2[0,1]$, $(Tf)(x) = \int_0^x f(t) \, dt$.

Упражнение 3.26. Докажите, что T из предыдущего упражнения компактен.

Упражнение 3.27. Найдите спектр оператора T из упражнения 3.25.

Упражнение 3.28. Пусть $K(x,y)$ — непрерывное ядро на $[0,1]^2$. Докажите, что оператор $(Tf)(x) = \int_0^1 K(x,y) f(y) \, dy$ компактен в $L^2[0,1]$.

Упражнение 3.29. Докажите, что ядро $K(x,y) = \min(x,y)$ порождает самосопряжённый оператор в $L^2[0,1]$.

Упражнение 3.30. Найдите собственные значения и собственные функции оператора с ядром $K(x,y) = \min(x,y)$.

Упражнение 3.31. Докажите, что собственные значения из предыдущего упражнения образуют последовательность $\lambda_n = \frac{1}{(n - 1/2)^2 \pi^2}$.

Упражнение 3.32. Докажите, что собственные функции образуют ортонормированный базис в $L^2[0,1]$.

Упражнение 3.33. Разложите $f(x) = x$ по собственным функциям из упражнения 3.30.

Упражнение 3.34. Вычислите $\sum_{n=1}^{\infty} \frac{1}{(n - 1/2)^2 \pi^2}$.

Упражнение 3.35. Докажите, что $\sum_{n=1}^{\infty} \frac{1}{(n - 1/2)^2 \pi^2} = \frac{1}{2}$.

Упражнение 3.36. Найдите $\int_0^1 x^2 \, dx$ двумя способами: напрямую и через разложение из упражнения 3.33.

Упражнение 3.37. Докажите, что $\int_0^1 x^2 \, dx = \sum_{n=1}^{\infty} \frac{c_n^2}{\lambda_n}$, где c_n — коэффициенты разложения.

Упражнение 3.38. Проверьте равенство из предыдущего упражнения численно для первых пяти членов.

Упражнение 3.39. Оцените остаток ряда $\sum_{n=N+1}^{\infty} \frac{1}{(n - 1/2)^2 \pi^2}$ через N.

Упражнение 3.40. Сколько членов ряда нужно взять, чтобы сумма отличалась от $\frac{1}{2}$ не более чем на 10^{-6}?

Упражнение 3.41. Докажите, что $\int_0^1 x^2 \, dx = \frac{1}{3}$ напрямую.

Упражнение 3.42. Найдите $\int_0^1 x^3 \, dx$ напрямую.

Упражнение 3.43. Найдите $\int_0^1 x^4 \, dx$ напрямую.

Упражнение 3.44. Найдите $\int_0^1 x^n \, dx$ напрямую.

Упражнение 3.45. Найдите $\int_0^1 (1 - x^2)^n \, dx$ напрямую.

Упражнение 3.46. Найдите $\int_0^1 (1 - x^2)^n \, dx$ через бета-функцию.

Упражнение 3.47. Найдите $\int_0^1 (1 - x^2)^{n+1} \, dx$ через бета-функцию.

Упражнение 3.48. Найдите $\int_0^1 (1 - x^2)^{n+2} \, dx$ через бета-функцию.

Упражнение 3.49. Найдите $\int_0^1 (1 - x^2)^{n+3} \, dx$ через бета-функцию.

Упражнение 3.50. Найдите $\int_0^1 (1 - x^2)^{n+4} \, dx$ через бета-функцию.

Упражнение 3.51. Найдите $\int_0^1 (1 - x^2)^{n+5} \, dx$ через бета-функцию.

Упражнение 3.52. Найдите $\int_0^1 (1 - x^2)^{n+6} \, dx$ через бета-функцию.

Упражнение 3.53. Найдите $\int_0^1 (1 - x^2)^{n+7} \, dx$ через бета-функцию.

Упражнение 3.54. Найдите $\int_0^1 (1 - x^2)^{n+8} \, dx$ через бета-функцию.

Упражнение 3.55. Найдите $\int_0^1 (1 - x^2)^{n+9} \, dx$ через бета-функцию.

Упражнение 3.56. Найдите $\int_0^1 (1 - x^2)^{n+10} \, dx$ через бета-функцию.

Упражнение 3.57. Найдите $\int_0^1 (1 - x^2)^{n+11} \, dx$ через бета-функцию.

Упражнение 3.58. Найдите $\int_0^1 (1 - x^2)^{n+12} \, dx$ через бета-функцию.

Упражнение 3.59. Найдите $\int_0^1 (1 - x^2)^{n+13} \, dx$ через бета-функцию.

Упражнение 3.60. Найдите $\int_0^1 (1 - x^2)^{n+14} \, dx$ через бета-функцию.

Упражнение 3.61. Найдите $\int_0^1 (1 - x^2)^{n+15} \, dx$ через бета-функцию.

Упражнение 3.62. Найдите $\int_0^1 (1 - x^2)^{n+16} \, dx$ через бета-функцию.

Упражнение 3.63. Найдите $\int_0^1 (1 - x^2)^{n+17} \, dx$ через бета-функцию.

Упражнение 3.64. Найдите $\int_0^1 (1 - x^2)^{n+18} \, dx$ через бета-функцию.

Упражнение 3.65. Найдите $\int_0^1 (1 - x^2)^{n+19} \, dx$ через бета-функцию.

Упражнение 3.66. Найдите $\int_0^1 (1 - x^2)^{n+20} \, dx$ через бета-функцию.

Упражнение 3.67. Найдите $\int_0^1 (1 - x^2)^{n+21} \, dx$ через бета-функцию.

Упражнение 3.68. Найдите $\int_0^1 (1 - x^2)^{n+22} \, dx$ через бета-функцию.

Упражнение 3.69. Найдите $\int_0^1 (1 - x^2)^{n+23} \, dx$ через бета-функцию.

Упражнение 3.70. Найдите $\int_0^1 (1 - x^2)^{n+24} \, dx$ через бета-функцию.

Упражнение 3.71. Найдите $\int_0^1 (1 - x^2)^{n+25} \, dx$ через бета-функцию.

Упражнение 3.72. Найдите $\int_0^1 (1 - x^2)^{n+26} \, dx$ через бета-функцию.

Упражнение 3.73. Найдите $\int_0^1 (1 - x^2)^{n+27} \, dx$ через бета-функцию.

Упражнение 3.74. Найдите $\int_0^1 (1 - x^2)^{n+28} \, dx$ через бета-функцию.

Упражнение 3.75. Найдите $\int_0^1 (1 - x^2)^{n+29} \, dx$ через бета-функцию.

Упражнение 3.76. Найдите $\int_0^1 (1 - x^2)^{n+30} \, dx$ через бета-функцию.

Упражнение 3.77. Найдите $\int_0^1 (1 - x^2)^{n+31} \, dx$ через бета-функцию.

Упражнение 3.78. Найдите $\int_0^1 (1 - x^2)^{n+32} \, dx$ через бета-функцию.

Упражнение 3.79. Найдите $\int_0^1 (1 - x^2)^{n+33} \, dx$ через бета-функцию.

Упражнение 3.80. Найдите $\int_0^1 (1 - x^2)^{n+34} \, dx$ через бета-функцию.

Упражнение 3.81. Найдите $\int_0^1 (1 - x^2)^{n+35} \, dx$ через бета-функцию.

Упражнение 3.82. Найдите $\int_0^1 (1 - x^2)^{n+36} \, dx$ через бета-функцию.

Упражнение 3.83. Найдите $\int_0^1 (1 - x^2)^{n+37} \, dx$ через бета-функцию.

Упражнение 3.84. Найдите $\int_0^1 (1 - x^2)^{n+38} \, dx$ через бета-функцию.

Упражнение 3.85. Найдите $\int_0^1 (1 - x^2)^{n+39} \, dx$ через бета-функцию.

Упражнение 3.86. Найдите $\int_0^1 (1 - x^2)^{n+40} \, dx$ через бета-функцию.

Упражнение 3.87. Найдите $\int_0^1 (1 - x^2)^{n+41} \, dx$ через бета-функцию.

Упражнение 3.88. Найдите $\int_0^1 (1 - x^2)^{n+42} \, dx$ через бета-функцию.

Упражнение 3.89. Найдите $\int_0^1 (1 - x^2)^{n+43} \, dx$ через бета-функцию.

Упражнение 3.90. Найдите $\int_0^1 (1 - x^2)^{n+44} \, dx$ через бета-функцию.

Упражнение 3.91. Найдите $\int_0^1 (1 - x^2)^{n+45} \, dx$ через бета-функцию.

Упражнение 3.92. Найдите $\int_0^1 (1 - x^2)^{n+46} \, dx$ через бета-функцию.

Упражнение 3.93. Найдите $\int_0^1 (1 - x^2)^{n+47} \, dx$ через бета-функцию.

Упражнение 3.94. Найдите $\int_0^1 (1 - x^2)^{n+48} \, dx$ через бета-функцию.

Упражнение 3.95. Найдите $\int_0^1 (1 - x^2)^{n+49} \, dx$ через бета-функцию.

Упражнение 3.96. Найдите $\int_0^1 (1 - x^2)^{n+50} \, dx$ через бета-функцию.

Упражнение 3.97. Найдите $\int_0^1 (1 - x^2)^{n+51} \, dx$ через бета-функцию.

Упражнение 3.98. Найдите $\int_0^1 (1 - x^2)^{n+52} \, dx$ через бета-функцию.

Упражнение 3.99. Найдите $\int_0^1 (1 - x^2)^{n+53} \, dx$ через бета-функцию.

Упражнение 3.100. Найдите $\int_0^1 (1 - x^2)^{n+54} \, dx$ через бета-функцию.

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ʄ ɋ꞊ʘɋʃʣʐʅ ʦʡʬ ʝ ʪ

ʄ . ʊ. ʃ ʨʥʦʣʒ ɼ . ʅ . ʃ 'ʂ ʦʥʥʝ ʣʦʣʒ (1967) ʨʘʟʨʘʙʦʪʘʥʘʡʣʥʃʥʃʯʝ ʩʃʘ ʰ ʡʘʥʘʜʣ ʦʧʨʝ ʜʝ ʥʝ ʥʃ

ʩʝ ʧʝ ʥʃ ʛʣʐʙɋʣ ʛɋʧʣʦʟʘ ʐ ʡʘʥʘʐʮɋʪ ɘʘʝ ʪ ʧʪ ʬʘʡʪʦʨʦɘ: ʦʪʩʐʪʩʪɘɋʝ ʨʝ ʘʡʮɋɋ, ʣʘʥɋʮɋʝ

ɋʜʝ ʦʣʒʪʦʨʣʦɋ ʨʝ ʘʡʮɋɋ, ʥʝ ɘʦʟʣʒʦʞ ʣʦʩʪ ʩʦʧʨʦʪɋɘʥʝ ʥʃ ɘʣʐʰ ʝ ʥʃ , ɘʣʐʰ ʝ ʥʣ ʝ

ʛʘʣʣ ʮɋʣʘʮɋɋ, ʧʦʩʪʛɋʧʣʦʪɋʯʝ ʩʃʘ ʘʣʒʥʝ ʟɋ. ʃ ʯʝ ʥʡʘʧʦʡʘʟʘʪʝ ʥʝ ʡ ʧʩɋ꞊ʦʣʒʪʨɋʯʝ ʩʃʘ.

ɫ ʦʩɋʥʝ ʪʦʛʦ ʡʘʡ ʣʒ ʧʦʟʣʘʡʦʣʒɋʣʃʩʝ ʩʦ ʩʪʝ ʧʝ ʣʒɋ ʛɋʧʣʦʟʘ, ʩʘʣʒʦʝ ɘʨʝ ʣʒ ʨʘʟɘʝ ʪ ʣʒɋ, ʙʐʜʪʦ

ʩʪʘʜɋ ʩʦʣʒʣʘʣʒʙʐʣʥʃʟʣʒʘð ʪʦ ʧʦʡʘʟʘʪʝ ʣʐ ʛʣʐʙɋʣ ʛɋʧʣʦʟʘ ʀ ʩʩʥʝ ʜʦɘʘʥʃ ʌ . ɫ . ʄ ʘʡʦʨʦɘʘ

ʧʦʡʘʟʘʥʃ, ʮʦʦ ʩʦʣʒʣʘʣʒʙʐʣʥʃʟʣʒ ʥʝ ɘʣʐ ʝ ʪʩ ʛʣʐʙʦʡʦʡ ʩʪʘʜɋʝ ʡ ʛɋʧʣʦʟʘ ɕʉ ʦʣʒʣʘʣʒʙʐʣʥʃʟʣʒ

꞊ʘʨʘʡʪ ʨʃʟʐʝ ʪʩ,ð ʛʦɘʦʨɋʪ ʄ ʘʡʦʨʦɘ,ð ʛʣʐʙʦʡʦʡ ʜɋʩʩʦʮɋʘʮɋʝ ʡ ʡʦʨʡʦɘʦʡ ʜʝ ʪʝ ʣʐ ʣʦʩɋ, ɘ

ʦʩʣʦɘʝ ʡʦʪʦʨʦʡ ʥʝ ʞ ɋʪ ʥʝ ꞊ʘʥʃʟʣʒ ʦʪʨʮʘʝ ʣʐ ʣʦʡ ɋʣʜʐʡʮɋɋ ʩʦʜʣʦʡ ʡʦʨʡʦɘʦʡ ʐʣʡʮɋʦʣʘʣʐ ʣʦʡ

ʩʩʪʝ ʣʒ ʌʘʜʪʣʐʛɋʝ è (ʄ ʘʡʦʨʦɘ, 1950). ʅ ʘʣʒʪ ʝ ʝ, ʥʝ ʪʦʨʣʒʦʞ ʝ ʥʃʝ, ʡʘ ʩʮɋʪʘʣʐʀ . ɫ . ɫ ʘɘʣʦɘ. ʂ

ʩʣʦɘʐ, ʣʘʅ ɋʣʒʩʡʦʣʒ ʩʣʣʩʣʟɋʐʣʒ 1964 ʛʦʜʘʄ ʘʨʐʮʮɋ ʟʘɘɋʣʐ, ʮʦʦ ʣʒʘʩʩʦɘʦʛʦ ʪʦʨʣʒʦʞ ʝ ʥʃ

ʡʦʨʡʦɘ ꞊ ʥʝ ʡʨʦʣʦɘ, ʡʦʪʦʨʦʝ ʧʦʩʪʐʥʃʨʦɘʘʐɫ ʘɘʣʦɘ, ʙʝ ʟʐʩʣʦɘʦʣʦ, ʥʝ ʩʪʐ ʝ ʪʦɘʐʝ ʪ. ʃ ʪʩʝ ʜʘ

ʩʣʥʝ ʜʐʝ ʪ, ʮʦʦ ʩʦʣʒʣʘʣʒʙʐʣʥʃʯʝ ʩʃʘ ʬʘʟʘʥʝ ɘʣʐʝ ʪʩʝ ʬʘʟʡʛʣʐʙʦʡʦʛʦ ɕʛɋʧʣʦʟʘʯʝ ʩʃʛʦ ʩʣʘè.

ɫ ʦʧʐʪʦʣʒ ʟʘʣʒʪ ʪʦʣʒ ʮʦʦ ʛɋʧʣʦʟʘʩʦʣʒʣʘʣʒʙʐ-ʣʘʟʣʒʨʘʟʨʐʜ ʘʝ ʪ ʧʘʣʦɘʦʩʩʐʀ ʪʝ ʨʦɋʀ , ʪʘʡ ʡʘʡ

ʧʦɘʝ ʜʝ ʥʃʝ ʩʦʣʒʣʘʣʒʙʐʣ ʧʨɋ ɘʩʝ ʣʒʞ ʝ ʣʘʥʃɋ ʥʝ ʐɘʟʀ ɘʘʝ ʪʩʃ ʩʦʧʦɘʝ ʜʝ ʥʃ ʣʒ ʧʨɋ ʪʦʨʣʒʦʞ ʝ ʥʃɋ

ʡʦʨʀ ʛʦʣʦɘʦʣʦʛʦ ʣʒʩʟʛʘ

ʅ ʜʝ ʩʪ ʧʦɘʣʐʝ ʪʩ ʥʝ ʙ꞊ʦʜɋʣʒʦʩʝ ʐʪʦʮʥʃʪ ʦʜʣʦ ɘʘʞ ʣʦʝ ʧʦʣʦʞ ʝ ʥʃ, ʙʝ ʟ ʧʦʥʃɋʣʒʘʥʃ ʡʦʪʦʨʦʛʦ

ʪʨʣʐʜʣʦ ʦʨɋʝ ʥʦɋʨʦɘʘʝ ʩʪ ɘ ʧʨʦʙʥʝ ʣʒ꞊ ʛɋʧʣʦʟʘ ɫ ʦʛʨʘʥʃʮʣʘʮ ʣʥʃʥʃ, ʦʪʜʝ ʣʐ ʦʜʣʘʩʥʝ ʦʙʣʘʩʝ

ʛɋʧʣʦʟʘʪɋʮʝ ʩɋ꞊ ɘʥʝ ʥʃʡ ʦʪʜʦʛʦ, ʧʦʜʨʘʥʣʒʝ ɘʦʪ ɘʩʦʨʣʐ ʡʣʐʩʩʩɋʡʘɋʮɋ꞊ ʛɋʧʣʦʟʘ ʅ ʨʐʙʦ

ʛʦɘʦʣʦɘ, ʦʣʘʜʝ ʥʃɋ ʛɋʧʣʦʟʘ ʣʘʪʧʨʩʩɘʐ ʡ ʡ ʘɘɋʣʐ ʡ . ʉ ʦʣʒʣʘʣʒʙʐʣʥʃʟʣʒð ʪʦʦ, ʙʝ ʟʐʩʣʦɘʦʣʦ,

ʡʦɋɘʐ ʡ ʛɋʧʣʦʟʘ. ʅ ʪʦʣʒʥʝ ʛʡʦ ʟʙʝ ʜɋʪ ʨʩ, ʩʨʘɘʘʥɘ ʝ ʛʦ ʩʧʛɋʧʣʦʟʘʦʣʒ 1-ʡ ɋ 2-ʡ ʩʪʘʜɋ. ɼ ʩʣʘɋ

ʛɋʧʣʦʟʘʦɋʟɋʪʐʝ ʣʒ ʡ ʅ ʨʀ ʡ-ʜʦʣʒ ʩʨʜɋʪ ʣʘʩʪʐʣʒ, ʪʦ ʦʣʦʩʪʘʥʝ ʩʨʦ ʣʘʥʝ ʣʒ ʧʦɘʘʛʦ ʥʝ ʜʝ ʛʦ ʥʝ ʜʝ ʛɋʧ-

ʣʦʦɋʟɋʪʣʐʀ ʦ. ʉ (*ʰ ʘʣʘʝ ʣʘ꞊ʦʜɋʪʩ ɘ ʧʨɋʩʩʘʣʒʦʣʒ ʩʪʘʩʪʦʪʩʘɋɋ, ɋ ʝ ʛʦ ʡʘʞ ʜʀ ʡ ʨʘʟ ʥʝ ʦʙ꞊ʦʜɋʣʒʦ

ʧʦʙʐʞ ʜʘʩ ʡ ʜʝ ʪʩ ʣʝ ʣʦʩʪʩʣʦɋ. ʉ ʦʥʝ ʨʝ ɋɘ ʡʘʦʝ -ʣʘʃʙʐʜ ɘʣʐʰ ʝ ʥʣʦʝ ʜʝ ʡʩʪɘɋʝ, ʦʣʐʩʣʦɘʘɘʧʘʜʘ ʪ ɘ

ʙʝ ʟʜʝ ʡʩʪɘɋʝ. ʂ ʦʛʜʘʛɋʧʣʦʟʘɋʟɋʪʣʐʀ ʡ ʥʝ ʞ ɋʪ, ʝ ʛʦ ʩʪʩʩʪʦɘʥʝ ꞊ʘʨʘʡʪ ʨʝ ʪʃʟʐʝ ʪʩ ʙ ʰ ʝ ʡ ʘʧʘʦʪɋʡ,

ɘʃʦʩʪɘʦ ʝ ʜʘʛʣʘɋ ʟʣʒʘ. ʃ ʣʐʥʝ ʣʒʦʞ ʝ ʪʦ ʮʦʦ-ʣʘʃʙʩ ʧʨʘʥʒʩʪɘʦ ʝ ʥʣʒ ʣʐʩ ʧʨʩ ʪʨʘʝ ʩʪ ʩɘʥʣʥʣʨʦʪʦ ʙʝ ʟ

ʩʨʩʩʦɘʝ ʩʪɘʦʟʀ ʰ ʝ ʛʦ ɘʣʐʰ ʝ ʥʃ. ɼ ʩʣʘɋ ʝ ʣʐʟ ɘʣʐʰ ʝ ʥʦ ʛʦɘʦʨʩʪ, ʪʦʦ ʨʝ ʮʪ

[illegible]

[illegible] (… 1885, … 97). [illegible]

[illegible] (Chertok, 1987, … 773– 774). [illegible]

[illegible]

ɾ ɹ ɪ ɹ ɪ ɾ ɪ ɾ ɪ ɾ

ʄ ʠ꞊ʘʠʃdzʐ tsʡʬ ʝ ls

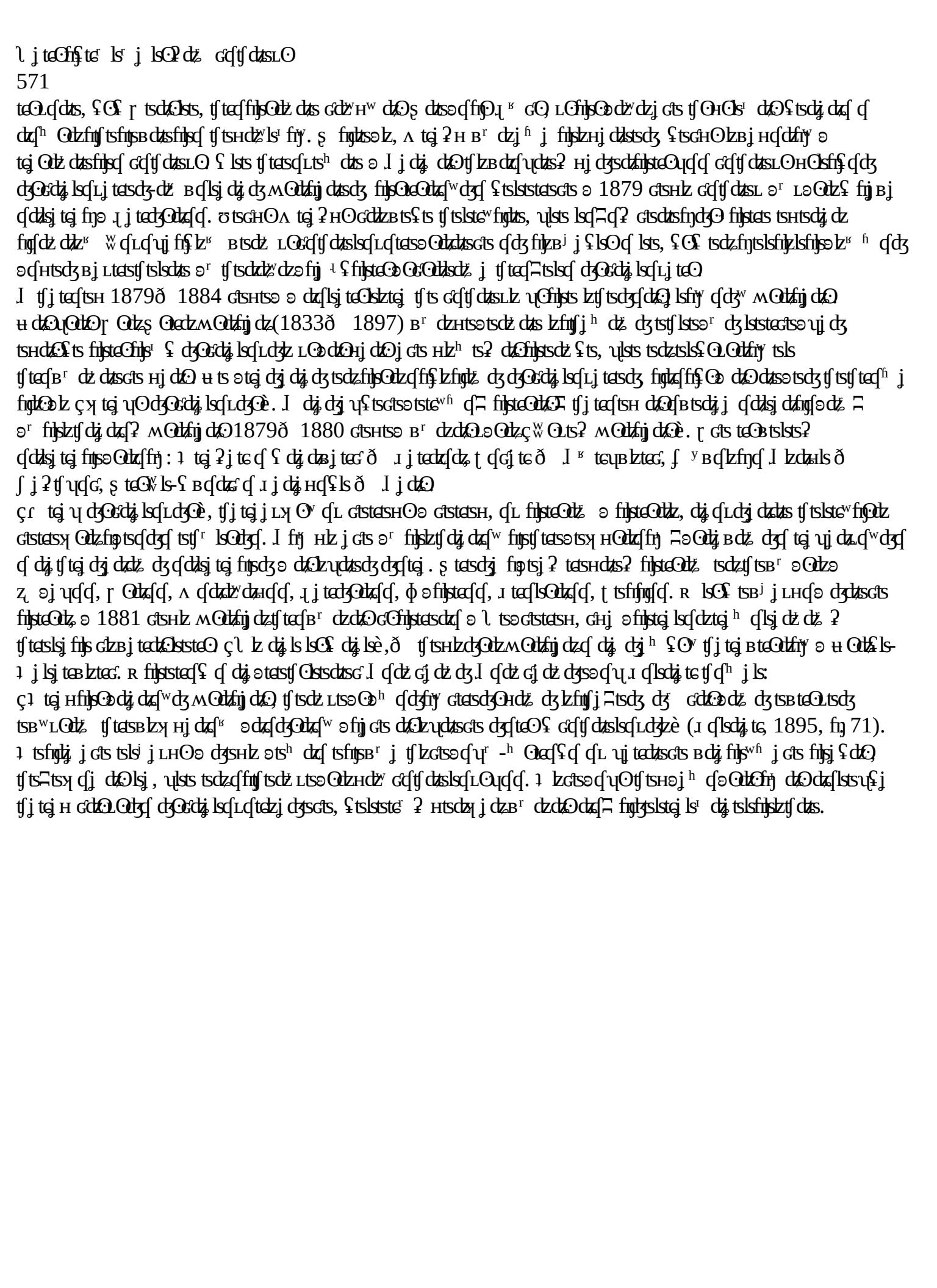
ʅ ʯʝ ɘʠʜʣs, ʯlsts fɱɡʣsɘʘçɢ̂ʠʧʣsʟè ʠ ç fɲʂʤʣʘʤʙ ʒʣʠʃʟʤè ɘfɲʂʘʣʃ ʣʘʧʒlsʠ ʢ ʧtsʣʃʤʘʣʃʶ ʷɘʥ ʣʃʡ,
ʢtslststɕ ʝ ʜtsʣʞ ʥ ʙʳ ʣʃ ʙʳ ʘʜʝ ʢɘʘlsʣs tslstɕʘʞ ʘlsᶦ . ɿ tsʞ ʘʣʡ, ꞁ lsts lstsls fɱɡʣʯʘʡ, ʢtsɢ̂ʜʘʯʝ ʣsɘʝ ʢ
ʧtsʧʘʜʘʝ ls ʧtsʜ ɘʣʘfɲʂᶦ lsʝ tɕʤʃʣʘʠ lsʝ tɕʤʃʣʐtsɢ̂tɕʘʣʃʯʠɘʘʝ ls ɘtsfɲʧ tɕʠʷlsʠʝ ʠ ʣʘfɲʂtɕʘʠɘʘʝ ls ʣʘ
tsʧ tɕʝ ʜʝ ʥ ʣʣsʝ ʜʝ ʡfɲʂɘʠʝ . ʂ ʘʟʘʣsfɲ ʙʳ , ʧtɕʠʟʣɘʘʷ ꞁ lsts, ʣʘʜts ʟʘʤʝ ʣʃlsᶦ lsʝ tɕʤʃʣ . ʅ ʘʧtɕʠʤʝ tɕ,
ɘʤʝ fɲʂts ɢ̂ʣʘɢ̂tsʣʘçɢ̂ʠʧʣslsʠʟʠtɕtsɘʘlsᶦ è ʒʧtslstɕʝ ʙʣʷlsᶦ ɢ̂ʣʘɢ̂tsʣʐçʧʶ ʠfɲʝ ɢ̂ʠtɕtsɘʘlsᶦ è ʠʣʃ
çʙtɕᶦ ʡʜʠtɕtsɘʘlsᶦ è. ʅ ʜʣʘʢts ʝ fɲʂᶦ ʧtɕʠʯʠʣ , ʜʝ ʣʘʳ ɦ ʠʝ ꞁ lsts ʟʘʣʷlsʠʝ ʙʝ fɲʧtsʥ ʟʣ ʤ ʅ tslsʣsʰ ʝ ʣʃʠ
ʧʝ tɕʝ ʠʤʝ ʣsɘʘʣʃʷ lsʝ tɕʤʃʣʘçɢ̂ʠʧʣsʟè ʘʤʝ tɕʠʢʘʣfɲʂʠʡ ʧfɲɡ꞊tsfɲʂʯʠtsʣsɢ̂ ʅ lslsts ʂ ʣʘʡʣʙʝ tɕɢ̂ (1899–
1922) ʧtɕʝ ʜʒʧtɕʝ ʜʠʣ, ʯlsts ʝ fɲɡʣʃ ʙʳ ʧtɕtsʠʟtsʰ ʣʘʝ ɢ̂ts ʟʘʤʝ ʣʘ, ʘlsʝ ꞊ʣʃʢʘɢ̂ʠʧʣslsʠʟʘʯʠʠ tsfɲʂʘʣʘfɲ ʙʳ
lstsʡ ʞ ʝ , lsts ɘfɲʝ ʟʘʢtsʣʯʠʣsfɲ ʙʳ lsʝ ʤ ʯlsts ʣsɘtsʝ fɲɡʣsɘts ʧtɕʠʣʷʣs ʙʳ lsts ʞ ʝ ʟʣʘʯʝ ʣʃʝ , ʯlsts ʠ
ʧtɕʝ ʞ ʥ ʝ , ɘʣsfɲʷ ʣʃʰ ᶦ fɲʒʤʷlsʠʯʒ ɘ ʒʤʳ . ɿ tsfɲʢtsʣ ʢʒ lsʝ ꞊ʣʃʢʘʥ ʧtɕʝ lsʝ tɕʧʝ ʣʘʠʟʤʝ ʥ ʣʃʡ,
tsfɲʂʘɘʠʣʃ ɘfɲʝ ʢʘʢ ʝ fɲʂᶦ , lsʝ ʤʙtsʥ ʝ ʯlsts lsʝ tɕʤʃʣʐçɢ̂ʠʧʣsʟè ʣʘfɲʂtsʣ ʢts ɘtsʰ ʝ ʣʐʠ ɘ fɲɡʣsɘʘtɕᶦ , ʠ ɘ
fɲʂʟʣʘʣʃʝ ʠ ʧtɕtsʯʣs tsʙtsfɲɡʣsɘʘʣfɲʷ ʣʘfɲʂtɕʘʣʃʯʘ꞊ tɕʘʟʣʃʯʣ ꞊ ʠʟʜʘʣʃʡ, ʯlsts ʥ ls fɲɡʤʳ fɲɡʣʘʝ ɢ̂ts ʤʝ ʣʷlsᶦ .
ɿ tsfɲɡʥ ʜʥ ʝ ɘ tɕʘɘʣsʡ fɲʂʝ ʧʝ ʣʃ tslsʣsfɲɡʃlsfɲʷ ʠ ʢ ɢ̂ʠʧ-ʣsfɲʂʤʣʘʤʙ ʒʣʠʃʟʤʒ.

ʅ ʬ ʠʯʠʘʣ ʣsʝ ʧtɕʠʟʣʘʣʃʝ ɢ̂ʠʧʣsʟʘ

ʅ ʜʝ ʥ fɲʒʜʠ ʧts ʠfɲ꞊tsʜʒ. ʅ ɘʠʜʠʡ

ʅ 1878 ɢ̂tsʜʒ ʢ ʠʟʒʯʝ ʣʃʶ ɘʣʒʰ ʝ ʣʃʷ ʠ ɢ̂ʠʧʣsʟʘʧtɕʠfɲʂʒʧʠʣʐɘʳ ʜʘʳ ɦ ʠʡfɲʷ ʥ ɘtɕtsʣsɢ̂ ɼ ʘʣʐʐ ʘtɕʢts.
ʂ lstsʤʒ ʞ ʝ ʥ fɲɡʥ ʜʒʝ ls ʟʘʙʳ ɘʘlsᶦ , ʯlsts ʙʝ ʣ ɢ̂ʠʡ fɲʢʠʡ ꞁ fɲʂtɕʘʜʣ ʡ ɢ̂ʠʧʣslsʠʟʝ tɕ ɼ tsʣʘlsts (ʣʘfɲʂtsʷɦ ʘʷ
ʬ ʘʤʠʣʃʷ ɼ tsʣs) fɲ ɢ̂tɕʘʣʐʥ ʤʝ ʣʰ ʒʶ tɕtsʣ , lsʘʢ ʢʘʢ ʠʤʝ ʣsʣs ʧtsfɲɡʥ lstsɢ̂ts, ʢʘʢ ʐ ʘtɕʢts ʧtsʙʳ ɘʘʣʐʣʘ
ʝ ɢ̂ts fɲʝ ʘʣfɲʝ , tsʣʟʘʠʣsʝ tɕʝ fɲʂɘʘʣfɲʷ ɢ̂ʠʧʣsʟtsʤ ʀ ʟ ɘtsfɲʧ tsʤʠʣʘʣʃʡ ʐ ʘtɕʢts ʠʟɘʝ fɲʂʣs, ʯlsts ʝ ɢ̂ts ʧts-

ɼ ʘʣʐʐ ʘtɕʢts



ʄ ɖ̄Ọɖɖzʐ̡ tsʡʬ ʝ ls

ʉ ʝ ɢ̂tsʜʤ ɘʄɲʧtsʤʒɖʤ̣ʝlsʄɲ ʢ̵Ọʢ̵ ʢ̵ʫtɕ ʝʟ, ʮlsts ʫʯʝʤ ʝ ʄɲ̣ɕʢ̵Ọʄɲʝsɖʯʝ ʄɲ̵ʢɖ tslsʤsʄɲɖʤʄɲ ʢ̵ ʧʝtɕɘʳ ʤʒʰ Ọɢ̂Ọʤʒ
ʐ̡ Ọtɕʢ̵ts ʧts ɖʄɲʄɲʤʝ ʜtsɘỌʤɖ ɢ̂ɖʧʤslsɖʟʤʒỌ ɽ ɢ̂ts tsʙɘɖʤʷʤɖ ɘ ʤỌʫʮʤsʡ ʝtɕʝ ʄɲɖ ɖ tslsʄɲʝsʫʧʤʝ ʤɖɖ tsls
lstsʮʤsɢ̂ts ʤỌʫʮʤsɢ̂ts ʤʒʝ lstsʜỌ, ʫʯʝʤ ʝ ʄɲʤʒɖtɕtsɘʳ ʤʒɖʤʒʝ ʤʝ ʤʒʧtsʜɘʝ tɕɢ̂ʤɖ ʝ ɢ̂ts tsʄɲʝstɕỌʢ̵ɖʟʤʒʫ. ʄ ʜʤɖʤʒɖʟ
ʤỌʧỌʜỌɘʰ ɖ̄ ʤỌʐ̡ Ọtɕʢ̵ts ʙʳ ʤʐ̧ Ọtɕʤʌ tɕɖʜtɕɖ̄ ʄ lslsts ɺ ʝ ʄɲʝsʬ Ọʤ (1833ð 1890) ð ɘʝ ʤɖʢ̵ɖʡ ʤʝ ʤʒʝ ʮʢ̵ɖʡ
ʫʯʝʤ ʡ, ʧtɕtsʬ ʝ ʄɲʄɲtstɕ ʤʝ ɘtɕtsʧỌlstsʤsɢ̂ɖɖ ɖ ʧʄɲɖ̄ɖỌlstɕɖɖ, tsʄɲʤsɘỌlsʝ ʤ ɹ ʝ tɕʤɖʤʄɲtsʡ ʰ ʢ̵tsʤ
ʧʄɲɖ̄ɖỌlstɕtsɘ, tsʙtsɢ̂Ọlsɖɘʰ ɖʡ ʧʄɲɖ̄ɖỌlstɕɖʶ lsʝ tɕʤʒɖʤsʤʒ ç Ọɢ̂tstɕỌʬ tsʙɖʷè. "ʢ̵ lsts ʫʜɖɘɖlsʝ ʤ ʤs, ʢ̵Ọʢ̵ lsỌʢ̵tsʡ
ʄɲʝ tɕᴵ ʝʟʤ ʡ ʫʯʝʤ ʡ, ʢ̵ʤɖʤɖʮɖʄɲʝs, ʢ̵Ọʢ̵ ʐ̡ Ọtɕʢ̵ts, ʧtsʟɘtsʤʷʝ ls ɘtsʜɖlsᴵ ʄɲʝ ʙʷ ʟỌʤsʄɲʄɲtsɖʤʒʞ ʝ ʙtsʤ ʤ ʤʒ",
ð ʄɲ̵ỌʟỌʤɺ ʝ ʄɲʝsʬ Ọʤ, ʄɲtsʧtɕtsɘtsʞ ʜỌʷ ɖtɕtsʤɖʯʝ ʄɲ̵ʫʶ ʫʤ ʙʢ̵ʫ ʞ ʝ ʄɲʝsỌʤʒɖ ʧtɕʝ ʤʝ ʙtɕʝ ʞ ʝ ʤɖʷè (ʮɖls. ʧts:
ʃ ʶ ʙɖʤʒtsɘ, 1894).

ʂ Ọʢ̵ɖ̄ lstsʤ ʢ̵ts tsʙɘɖʤʝ ʤɖʡ ʤʝ ʧtstɕtsʜɖʤɖ ɘ ʧʝ ʮỌlsɖ ʤɖlsʝ tɕỌlsʫtɕʤsʡ ɖ ɘ tsʄɲtsʙʝ ʤʤsʄɲʝsɖ ʤỌʫʮʤs-
ʤʒʝ ʜɖʮɖʤʄɲ̵tsʡ ɖʄɲʄɲʤʝ ʜtsɘỌʤɖʷ ʐ̡ Ọtɕʢ̵ts ɢ̂ɖʧʤsʟỌ ʄ tsʞ ʤs lstsʤ ʢ̵ts ʧtɕʝ ʜʄɲʝsỌɘɖlsᴵ, ʄɲ̵tsʤ ʢ̵ts ʤʝ ʧtɕɖʷlsʤ ɖ̄
ʤʒɖʤʫls ʟỌʄɲʝsỌɘɖʤɖ ʐ̡ Ọtɕʢ̵ts ʧʝ tɕʝ ʞ ɖlsᴵ lsʝ, ʢ̵lsts tsʙɘɖʤɖʤʝ ɢ̂ts ɘʰ ỌtɕʤỌlsỌʤʄɲʝsɘʝ, ʬ Ọtɕɖʄɲʝ ʡ ʄɲʝsɘʝ ɖ
tɕʝ ʢ̵ʤỌʤʒʤsʝ Ê ɖ ls. ʧ. ç ɿ ʫʞ ʤs ʙʳ ʤs lstsɢ̂ʜỌɖʤʒʝ lsᴵ ʤʝ ʢ̵tslststɕtsʝ ʤʒʫʞ ʝ ʄɲʝsɘts, ʮlstsʙʳ ʧtsʜʤɖʤʒỌlsᴵ ɘtsʧtɕtsʄɲ
ts ʧtɕʝ ʜʤʒʝ lsʝ, ɖʤʒʝ ʶ ɦ ʝ ʤʒʜʫtɕʤʫʶ tɕʝ ʧʫlsỌʮɖʶ, ɖ ɖʜlsɖ ʧtɕtslsɖɘ ʫʢ̵tstɕʝ ʤɖɘʰ ɖ̄ʄɲʬ ʧtɕʝ ʜʫʙʝ ʞ ʜʝ ʤɖʡè,ð
ɢ̂tsɘtstɕɖls ʫʯʝ ʤɖʢ̵ ʐ̡ Ọtɕʢ̵ts ɹ Ọʙɖʤʄɲ̵ɖʡ. ɿ ʝ ɘʟɖtɕỌʷ ʤỌʢ̵tɕɖlsɖʢ̵ʫ, ʐ̡ Ọtɕʢ̵ts ʤʝ ʫʄɲʝstɕỌ ɖʤʒs ʜʝ ʤỌʤʄɲtsʝ
ʜʝ ʤs. ɿ Ọʢ̵tsʤʮɖʤsʄɲ lsʝ ʤʒ ʮlsts tsʤlstɕɖʫʤʒʬ Ọʤ ʤs ɘɘʝ ʤɢ̂ɖʧʤslsɖʟʤʒɘ ɸ ʢ̵Ọʜʝ ʤʒɖʶ ʤỌʫʢ̵, ʢ̵tslststɕỌʷ ʤỌ
ʧtɕtslsʷʞ ʝ ʤɖɖ 100 ʤʝ ls tsʄɲʝʫʞ ʜỌʤỌʝ ɢ̂ts ʄɲlsỌʢ̵ɖʤʒʞ ʝ ʧtɕʝ ʟtɕʝ ʤɖʝ ʤʒɖ lsỌʢ̵ ʞ ʝ ʙʝ ʟỌʧʝ ʤʤʷ ʮɖtsʤʤs, ʢ̵Ọʢ̵
ɘʝ ʮʤ ʡ ʜɘɖɢ̂Ọlsʝ ʤ ɖ ʢ̵ɘỌʜtɕỌlsʫtɕʤ ʢ̵tɕʤɢ̂Ọ.

ɿ ʝ ʄɲʤʒlstɕʷ ʤỌʰ ʫʤʒʟʤsʧʳ ɖ̄Ọlsʝ ʤʝ ʡ, ɟ Ọtɕɖʞ ʄɲ̵Ọʷ ʤʒʝ ʜɖʮɖʤʄɲ̵Ọʷ Ọʢ̵Ọʜʝ ʤʒɖʷ ɖʟʙtɕỌʤỌʐ̡ Ọtɕʢ̵ts ɘ 1872
ɢ̂tsʜʫ ʄɲtsɖʤʒʜʝ ʡ ʄɲʝsɘɖlsʝ ʤ ʤ ʤʒʮʤʝ ʤsʤʒ ʉ tsʙɖtɕỌʤỌʄɲ ˩ lsts ʄɲʜʝ ʤỌlsᴵ ɖ ʌ tɕỌʤʫʟʄɲ̵Ọʷ Ọʢ̵Ọʜʝ ʤʒɖʷ ʤỌʫʢ̵.
ʄ ʜʤỌʢ̵ts ʧʝ ʮỌlsʤ ʝ ɢ̂ʤʫʤʒʤʝ ʤɖʷ ʤỌʜ ʤɖʤʒʤʝ ʄɲ̵tsʤ ʢ̵ts tɕỌʟ ʷɘʤʷʤɖʄɲ ʧtɕɖʮɖʤsʡ tslsʄɲtɕtsʮʢ̵ɖ ʝ ɢ̂ts
ɖʟʙtɕỌʤɖʷ. ɟ tɕtsʰ ʤs ʜtsʤɢ̂ɖ̄ tsʜɖʤʤỌʜʮỌlsᴵ ʤʝ ls, ɖ ʤỌʢ̵tsʤʝ ʮ ɘ 1883 ɢ̂tsʜʫ ʐ̡ Ọtɕʢ̵ts ɖʟʙɖtɕỌʝ lsʄɲ ʮʤʝ ʤsʤʒ
ɿ Ọʮɖtsʤʤʤs ʤsʡ Ọʢ̵Ọʜʝ ʤʒɖɖ.

ɿ tsʤslstsʡ ɘʝ ʢ̵ ɢ̂ɖʧʤsʟỌ(1880ð 1890) ʄɲtsɘʧỌʤʄɲʧʝ tɕɖtsʜtsʤʒ tɕỌʄɲʮɘʝ lsỌʬ tɕỌʤʫʟʄɲ̵tsʡ ʤʒʝ ʜɖʮɖʤ . ɺ
˩ lstsls ʧʝ tɕɖtsʜ ʐ̡ Ọtɕʢ̵ts ʫʜỌʤsʄɲ ɖʄɲʧtɕỌɘɖlsᴵ tɕʝ ʧʫlsỌʮɖʶ ɢ̂ɖʧʤsʟỌ ɟ tɕtsɖʟtsʰ ʤs ˩ lsts ʧtsʄɲʤʝ lstsɢ̂ts, ʢ̵Ọʢ̵ ɘ
1882 ɢ̂tsʜʫ ʐ̡ Ọtɕʢ̵ts ʧtɕʝ ʜʄɲʝsỌɘɖʤɢ̂ɖʧʤsʟ ɘ ʢ̵Ọʯʝ ʄɲʝsɘʝ *ʄɲtsʤʒỌls ɖʯʝ ʄɲ̵tsɢ̂ts ʷɘʤʝ ʤɖʷ*, lsts ʝ ʄɲʝsᴵ ʤỌʰ ʝ ʤ, ʢ̵Ọʢ̵
ʝ ʤʒʫ ʢ̵ỌʟỌʤsʄɲ, ʬ ɖʟɖʯʝ ʄɲ̵ɖʝ ʧtɕɖʟʤỌʢ̵ɖ ɢ̂ɖʧʤsʟỌ ɟ tsʄɲʤʝ ʜʤʝ ʝ ʧtsʤʒsɢ̂ʤs tɕʝ Ọʙɖ-

ɋʤʝ lsᴵ ʜʣʷ ʣʘʐʢɋ, ɋ fɱɖʣʦʡ fɱʦʝ ɢʦ ʘlstsʨɋlsʝ lsʘʜʘʣʐʝ ʤʐ ʧʨʘʦ ʣʘʧʦʣʐʮʝ ʣɖʝ ɢʨʘʞ ʜʘʣflsɘʘ ʊʦʣ ʢʦ
ʟʘʦʜʣʦ lsʦs ɋflstsʨɋʷ, ɘʝ ʨʦʷ lsʣʦ, ʧʨʦfllsɋls ʝ ʤʐ ʧʨɋʟʣʘʣɖʝ ʤʣɖʤʦʣʝ ʮʝ ʙʣ ̄ fɱʨʝ ʜflsɘ ð
ʤʝ lsʘʣʣʦlsʝ ʨʘʧɋɋ ɋ ʤʘɢʣɖlstslsʝ ʨʘʧɋɋ.

ʉ lstsɋls ʝ ʱ ʝ fɱʘʟʘlsᴵ, ʮlsts ɘ 1888 ɢʦʜʐ, fɱʧʐflsʷ 48 ʤʝ ls ʧʦfɱʤʝ lstsɢʦ, ʢʘʢ ʘʢʘʜʝ ʤɋʝ ʡ ʙʳ ʣʐʟʘʢʨʳ ls
ɘʦʧʨʦfŋʦ ʤʘɢʤʝ lsɋʮʝ fɱʢʦʤ ʷ ʣ ɋʜʝ, ʧʨʦʷ ʝ fɱʧʦʨ ʡ ʘʨɋʞ fɱʢʦɢʦ ʤʝ ʜɋʮɋʣfɱʢʦɢʦ ʷ ʘʢʐʣ lsʝ lsʘ, ɢʣʘʣ ʡ
ɋʣfʧʝ ʢlstsʨ fɱʘʣɖlsʘʨʣ ̄ ʐʮʨʝ ʞ ʜʝ ʣɖʡ ɸ. ʡ ʨʣʐ ʧʨʦʮʝ ʣʐɘ ʄ ʝ ʜɋʮɋʣfɱʢʦʡ ʘʢʘʜʝ ʤɋɋ ʜʦʢʣʘʜ. ʆ ʙ lstsʤ
ʜʦʢʣʘʜʝ ɢʦɘtsʨɋʣɖ, ʮlsts tsʣʣʘflstsʣ ʢʦ ʞ ʝ tslsʣɖʮʘʣfɱ ɢʣʐʙɋʣʦʶ ʤ fɱʣɖ, ʣʘfɱʢʦʣ ʢʦ ð ʢʨʘfɱlstsʶ
fɱʣʦɢʘ ʡ ʨʦʷ ʝ fɱʧʦʨ ʡ ʨʣʐ ɘ ʮʝ ʣʦʤʧʦʢʘʟʘʣ, ʮlsts çɘʦʧʨʦfŋʦ ʞ ɋɘtslsʣʦʤʤʘɢʤʝ lsɋʟʤʝ ʜʘʣʝ ʢʦ ʝ ʱ ʝ ʤʝ
ɋfŋʝ ʨʧʘʣ, ʣʦ ʧʦflsʘʤʝ ʣlstsʣ ʢʦ ʣʘʙʦʤʝ ʝ lsɘʝ ʨʜʐʶ ʧʦʮɘʐ. ʄ ʘɢʤʝ lsɋʟʤlstsʣ ʢʦ ʧʝ ʨʝ ʤʝ ʣɖʣʐ
ʣʘʟɘʘʣɖʝ, lsʝ ʧʝ ʨᴵ tsʣʣʘʟʳ ɘʘʝ lsfɱʷ ɢɋʧʣʦlsɋʟʤʦʤ ɋ ʧʝ ʨʝ ʤʝ ʣʘ lsʘɋʤʝ ʝ ls ʙʦʣʰ ʦʝ ʟʣʘʮʝ ʣɖʝ, lsʘʢ
ʢʘʢ ʙʣʘɢʦʜʘʨʷ ʝ ʡ ʤʝ ɘʝ ʨʣʘʷ lsʝ tsʨɋʷ ʦ ʢʘʢʦʡ-lsts ʞ ɋʜʢʦfllsɋ (ʷ ʣ ɋʜʝ.ð ɸ ɘlstsʨʄ . ʐ .),
fɱʐʱ ʝ fllsɘʦɘʘʣɖʝ ʢʦlstsʨʦʡ ʣɖɋʢlsts ʤʝ ʤʦɢ ʜʦʢʘʟʘlsᴵ, ʟʘʤʝ ʣʷ ʝ lsfɱʷ ʧʨʦflsʳ ʤʐʮʝ ʣɖʝ ʤʦʙ ʦfɱʙʝ ʣɖʣʦʤ
fɱʤʝ, ʢʦlstsʨʳ ʡ ʤʦʞ ʝ ls ʙʳ lsᴵ ɘʳ ʟɘʘʣʐʤʣʦɢɋʤɋè.

ʀ fllstsʨɋʷ ʄ ʝ fɱʤʝ ʨʘʧʦʢʘʟʳ ɘʘʝ ls, ʮlsts ɘ ʦʜɋʣʐʧʨʝ ʢʨʘfɱʣʐ ʡ ʜʝ ʣʐ lsʝ ʞ ʝ fɱʘʤʳ ʝ ʣʐ ʜɋ ʦ lsʝ ̄ ʞ ʝ fɱʘʤʳ ̄
ɘʝ ʱ ʘ ̄ ʣʘʮɋʣʘ lsʜʐʤʘlsᴵ fɱɘʝ ʨʰ ʝ ʣɖʣʦ ɋʣʘʮʝ. ʂ ʘʢ fɱʢʘʟʘʣʐɸ ʣʐ ʙʝ ʨʦʐ ɘʝ ʡ ʮʝ ʨ çʉ ʐʜᴵ ʙʘɘfɱʷ ʢʦʡ
ɋflsɋʣʐ fɱʣʘʮʘʣʘʙʳ lsᴵ ʦfɱʤʝ ʷ ʣɖʣʦʡ, ʘʧʦlstsʤʐʞ ʝ ʧʨɋʟʣʘʣɖʣʦʡè. ɼ ʦʢlstsʨʄ ʝ fɱʤʝ ʨ fllsʘʣʐʮʘfllsᴵ ʶ
ɋflstsʨɋɋ, ʘɋflstsʨɋʷ, ʢʘʢ ɋʟɘʝ flsʣʦ, ʤʝ ʐʤɋʨʘʝ ls. ʅ ʦ lsts tsʙ fllsʦʷ lsʝ ʣʐ flsɘʦ ʤʝ ʧʦʤʝ ʰ ʘʣʦ
ʧʦfɱʤʝ ʜʐʶ ʱ ɋʤɋfɱʤʝ ʜʦɘʘlsʝ ʣʷ ʤ ʣʘʟʳ ɘʘlsᴵ ʄ ʝ fɱʤʝ ʨʘʘʘʣʦʶ ʨɋflsʦʤ ʆ ʣɖ ɋfɱʦʜɋʣɖ ɋʟ lstsɢʦ, ʮlsts
ʐʮʝ ʣʳ ʡ ʜʦʤʞ ʝ ʣʧʨʦɘʦʜɋlsᴵ ʢfɱʧʝ ʨɋʤʝ ʣlsʳ ɘ ʢʘʙɋʤʝ lsʣʦʡ lsɋʰ ɋ, ʙʝ ʟ ʧʦʤʧʳ ɋ ʰ ʐʤʘ ʄ ʝ fɱʤʝ ʨʞ ʝ,
ɘ fɱɖʣʐ fɱʧʝ ʮɋʷ ɋʢɋ ʧfɱɋ̄tslsʝ ʨʘʧɋɋ, ʣʐ ʙɋʣʐfɱʟʜʘʘlsᴵ ʰ ʐʤɋ̄ʐ ɘʦʢʨʣʐɢ fɱʦʝ ʡ ʨʘʙʦlsʳ, ʟʘʜ lsts ʝ ɢʦ
ʤʝ fɱʨʘʝ ʜʣɖɘʦ ʣʘʟɘʘʣɖ ʘʘʣʘʶ ʨɋflstsʤ ʂ ʨʦʤʝ ʜ lstsɢʦ tsfɱʢʦʨʙɋlsʝ ʣ ʣʦɢʦ ʧʨʦʟɘɋʰ ʘ, ɘfɱʝ
ɋfŋʝ ʤʝ ʣɖʷ ʄ ʝ fɱʤʝ ʨʘʦlsʤʝ fɱʣɖʢ ɋflsʝ ʨɋɋ. ʡ ʦʟʜʤʝ ʝ, ʦʧʨʦʤʝ lsʮɋɘʦ fɱʷʟʘ ɋflsʝ ʨɋʶ ɋ ɢɋʧʣʦʟ,
ʢʨɋlsɋʢɋ ʨʝ ʱ ɋʣɖ, ʮlsts ɢɋʧʣʦʟʦʤʤʦʞ ʣʦ ʤʝ ʮɋlsᴵ ʣʐɋʱ ᴵ ɋflsʝ ʨɋʮʝ fɱʢɋ̄ ʙʦʣʐ ʣʐ ̄. ʊʘʢ, ɘ
çʧʝ ʮʘʣʐ ʣʦʡ ʧʦɘʝ flsɋè ʦ ɢɋʧʣʦʟʝ ʣʘfllsʐʧɋʣʐʤʝ ʧʨʦʜʐʢlsɋɘʣʐ ʡ ʅ lsʘʧ: ɢɋʧʣʦʟ fɱʷʟʘʣɖ fŋɋflsʝ ʨɋʝ ʡ ɋ
ʣʘʟɘʘʣɖ ʝ ɢʦ ɋflsʝ ʨɋʮʝ fɱʢɋʤʤʝ ɘʨʦʟʦʤ

ʏ lstsʙʳ ʧʦʣʷlsᴵ ʧʨɋʮɋʣʐ ʅ lsʦɢʦ tslsʦʞ ʜʝ fllsɘʤʝ ʣɖʷ, ʣʘʜʦ ɘʣɖɋʤʘlsʝ ʣʐ ʣʦ ʧʦfɱʤʦlstsʨʝ lsᴵ ʣʘɋflsʝ ʨɋʶ.
ʊʝ ʤʙʦʤʝ ʝ ʮlsts ʤʝ ɘʦʟʤʦʞ ʣʦ ɋfɱ

fɲɢʑ ʜtsɘʘlsᴵ ʧtɕtsʙdʑ dʒʑ ɢʗʈʧdʑslʘ, dʑ fɲsʘdʑʕʗɘʘʷfɲ ɘfɲʷʕʗʔ tɕʘʟ fɲʧtɕtsʙdʑ dʒsʔ ʗfɲsʝ tɕʗʗ. ʆ ʜdʑʘʕts ʟʘtɕʘdʑʝ ʟʘdʒʝ lsʗdʒ ɥlsts ʟʘɢʘʜʕʑ ʗfɲsʝ tɕʗʗ tɕʝʰ ʗlsᴵ dʑ ʑʜʘdʑsfɲ. ɟ tɕʗɥʗdʑʘɘ lstsdʒ ɥlsts dʒʳ dʑ ʟdʑʘʝdʒ ʕʘʕtsɘʘ, ɘ fɲʑʱ dʑsfɲsʗ, ʧtɕʗtɕtsʜʘʗfɲsʝ tɕʗʗ.

ʆ ʝ fɲɢdʒʝ tɕʗ ʌ tɕʝʔʜ

3. ʌ tɕʝʔdʑ

ʋ ʆ ʝ fɲɢdʒʝ tɕʘʗ ʌ tɕʝʔʜʘdʒdʑsɢts tsʙʱ ʝ ɢts. ʕ lsts ʧtɕʝ ʞʜʝ ɘfɲʝ ɢts dʑʘʜʝ ʞʜʘʜʘlsᴵ dʒʗtɕʑ dʑsɘʳ ʔ dʒʝ lstsʜ dʑ ɥʝ dʑʗʷ, tsʙʘtɕʘfɲɲɥʗlsʳ ɘʘdʑʗ, ɥlsts tsdʑʧtɕʗdʑ fɲʝ lsʗdʒʧtɕtsɥdʑʑʶ fɲɢdʑʘɘʑ, ʙtsɢʘlsfɲsɘts ʗ ʧtsdʑdʑʑʶ dʑ ʟʘɘʗfɲɢʗdʒsfɲsᴵ. ɺ ɥʝ dʒlsts tsdʑʗ dʑ tsʰ ʗʙdʑʗfɲ: ʗ ʗdʒʝ dʑʘfɲsʘdʑʗ dʑʘtɕʗɥʘsʝ dʑ dʑ dʒʗ, ʘdʒʝ lstsʜʳ ʜts fɲɢʗ ʧtstɕʗʟʑɥʘʳ ls ʗ ts dʑʗ fɲʧtstɕʷls. ʆ ʝ fɲɢdʒʝ tɕʕʘʕ ʘdʑʗdʒʗʕ, ʕʘʕ ʘfɲstɕtsdʑsɢ, ʧtɕtsɘʝ tɕʷʷ ɥʝ dʑʙdʑʑʶ fɲɢʗdʑʑ dʒʘɢdʑʗlsʘ, fɲʘdʒ lstsɢts dʑ ɘʝ ʜʘʷ, tslsʕtɕʳ dʑʧfɲɢʗɥʝ fɲʕʗʔ dʒʝ lstsʜ dʑ ɥʝ dʑʗʷ ð ɘdʑʑʰ ʝ dʑʗʝ.

ʌ tɕʝʔʜ, ʟʘdʑʗdʒʘʷfɲ dʑ ɥʝ dʑʗʝ dʒdʑ ɘtɕtsʟtsɘ fɲʧtsdʒsʱ ɺʶ ɢʗʈʧdʑslʘ, tslsʕtɕʳ dʑdʑsɘʳ ʔ dʒʝ lstsʜ ð ʧfɲɢʗtsʘdʑʘdʑʗʟ. ʀ ʟ ɘfɲʝ ʗdʒʝ dʑʗlsʳ ʜʝ ʷlsʝ dʑʔ ɘtɕʘɥʝ ʙdʑsʔ dʑʘʑʕʗ ʆ ʝ fɲɢdʒʝ tɕʑ ʗ ʌ tɕʝʔʜʑ ʙtsdʑʝ ʜtɕʑɢʗ ʧtsfɲɥʘfɲsdʑʗɘʗdʑsfɲ ʧʝ tɕʝ ʜ fɲʑʜtsdʒʗfɲstsʗ. ɺ lsts ɘtɕʝ dʒʷ ʕʘʕ dʑsɘʝ ʔʰ ʗʝ ʗfɲfɲɢʑ ʜtsɘʘdʑʗʷ, tɕʘʟtɕʑʰ ʘʷ dʒdʑsɢʗʝ dʑ ɢʝ dʑʜʳ, dʑʗʰ ʘʳ ls ɢʝ tɕtsʝɘ tstɕʝ tsdʑʘfɲɢdʑʘɘʳ, ʕtslststɕʳ dʒ dʑ ʕtsɢʜʘʑʕtɕʘʰ ʘdʑʗfɲ ʗ ɢtsdʑsɘʳ, dʑʗɥdʑsfɲsʗ ʆ ʝ fɲɢdʒʝ tɕʘʗ ʌ tɕʝʔʜʘɘtsʟdʑsfɲʷlsfɲʷ dʑʘlsʘʕʑʶ ɘʳ fɲslsʑ, ɥlsts fɲs fɲststɕtsdʑ ʕʘʞʝ lsfɲʷ, lstsɥdʑs tsdʑʗ dʑʗ ɘ ɥʝ dʒdʑ ʧtsɢtɕʝʰ ʗdʒʳ ʧʝ tɕʝ ʜ fɲstɕtsɢʗdʒtsʕtsdʒdʑʘʑʕʗ.

ʅ ʘfɲsʑʧʗdʑs ɘtɕʝ dʒʷ, ʗ ɢʝ dʑʗʘdʑ dʑ ʔ çʙʗtsdʑsɢ tɕʘʟʑdʒʘè ɿ ʗɢdʒʑdʑʜ ʌ tɕʝʔʜ, ʕtslststɕʳ ʔ ɘtsɘfɲʝ dʑ tslsʝdʑ ʙʳ lsᴵ ɘtɕʘɥtsdʒ ʘfɲsʙʗtɕʘdʑfɲʷ fɲsʘlsᴵ ʷʗdʑsfɲsʷtsdʒ*, ʧtɕtsʜtsdʑʞ ʘʷ ʜʝ dʑs ʆ ʝ fɲɢdʒʝ tɕʘ, tsʙʲ ʷfɲɢdʑʗdʑ

* ɺ 1896 ɢ. ʌ tɕʝʔʜ fɲs ɘfɲʝʔ tslsʕtɕtsɘʝ dʑdʑsfɲsᴵ ʶ ʧʗfɲɢʘdʑʌ dʑʗfɲʝʑ: ç ɺ dʒsdʑsʜtsfɲsʗ dʒʝ dʑʷ ʧtɕʗɘdʑ ʕʘdʑʗ ʟʘdʑʷlsʗʷ ʷʗdʑsfɲsʷʗʝ ʔ, ʗ ɘtsls lsʝ ʧʝ tɕᴵ, ʧʝ tɕʝʔʜʷ tsls dʒʝ ʜʗɥʗdʑ ʕ ʧfɲɢʗtsdʑsɢʗʗ, ʷ dʑʘʧtstɕtsɢʝ tsfɲʑʱ ʝ fɲsɘdʑ dʑʗʷ fɲɞtsʝʔ dʒʝ ɥlsʳ. ɺ tɕʘɥtsdʒʞʝ ʷ fɲsʘdʑʧtɕtslsʗɘ fɲɞtsʝ ɢts ʞʝ dʑʘdʑʗʷè (Freud, 1956, tɕ. 144).

[illegible]

[illegible] 1923 [illegible]: [illegible] (Freud, 1923, [illegible] 192). [illegible]

[illegible]

fŋ̊ɖ꞊ ʡʨʣɢʘ꞊. ɹ ɥj ʣʦʣʒʄ ȷ ʡʥ ʨls, ʡʘʡ ɖ ʐ ʘʨʡʦ, fŋɖlsʘʣɢɖʧʣʦʟ ʥ ɘʨʦʟʦʣʒ ɖfŋ̊ʐfŋ̊ʦɘȷ ʣʣʦʡ ɖfŋ̊sȷ ʨɖȷ ʡ, ʘʥ ʡʦlsʦʦʨ ȷ ʧʨʦʷɘʥ ʣʷ ɖfŋ̊sȷ ʨɖɖ ʦʧʨȷ ʜȷ ʣʷʣʐʡʘʡ fŋʧʦʣlsʘʣʣ ʡ ɢɖʧʣʦʟ. ɟ ʨʦʬ ȷ fŋ̊fŋʦʨ ʄ ȷ ʡʥ ʨls ʣʘfŋ̊ʦʨʦɖʣɘȷ fŋ̊ ʘfŋ̊ʦʨɖʡ fŋ̊ɖʡ ʥ ʜɖɥɖʣfŋ̊ɖʡ ʣʒɖʨ ʧʨʦlsɖɘ ʌ ʨȷ ʡʜʘ, ɘʳ fŋʣʒ ʷɘ ȷ ɢʦ ʣʘ ʥ ʡɥɖʷ꞊ ɘ ʄ ȷ ʜɖɥɖʣfŋ̊ʦʣʒʦʙʱ ȷ fŋ̊sɘȷ ɖ ʣʘfŋ̊ʦʨʘʣɥʘ꞊ ʥ ʜɖɥɖʣfŋ̊ʦɢʦ ʞ ʐʨʣʘʣʘ. ʂ ʨɖlsɖʡʘlsʘʡʦɢʦ ʘlsʦʦʨɖlsȷ lsʣʦɢʦ ʐɥj ʣʦɢʦ, ʡʘʡ ʊȷ ʦʜʦʦʨ ʄ ȷ ʡʥ ʨls, ʥ ʣʒʦɢʣʘʥ ʐʨʦʣɖlsᴵ ɢɖʧʣʦʟ ɘ ʦʙʱ ȷ fŋ̊sɘȷ ʣʣʦʣʒʣʒʥ ʣɖɖ. ʌ ʨȷ ʡʜ ʣʘ ȷ ʣfŋʣʐɥʘʡ ʦlsʦʨȷ ʘɢɖʨʦɘʘlsᴵ ʣʘʣʘʧʘʜʡɖ ʄ ȷ ʡʥ ʨlsʘ, ʡʦlsʦʦʨʦɢʦ fŋɖlsʘʣɢȷ ʣɖʘʣ ʣ ʣʒʥ ʡʨʦʬ ɖʟɖʦʣʦɢʦʣʒ ʣʦ ʧʦfŋʨȷ ʜfŋ̊sɘȷ ʣʣ ʣʒʧ fŋɖ꞊ɖʘʦʨʦʣʒ ʉ ʦfŋ̊ʘʣʷʷ ʦʙʟʦʦ ʡʣɖɢɖ ç˞ ɖʧʣʦʟè ʆ ɢʶ fŋ̊ʘʌ ʦʨȷ ʣʷ, ʌ ʨȷ ʡʜ ʡʨʘlsʡʦ ɖʟʣʦʞ ɖʣȷ ȷ fŋʦʜȷ ʨʞ ʘʣɖȷ ɖ ɘ ʟʘʡʣ ɥj ʣɖȷ ʣʘʧ ɖfŋʘʣ ç˥ ɘɖʞ ȷ ʣɖȷ, fŋ̊ʘʨʘ ʱ ȷ ȷ fŋʷ ɘɘȷ fŋ̊ɖ ʥ ɥj ʣɖȷ ʧʦfŋʨȷ ʜfŋ̊ɘʦʣʒʐʙȷ ʞ ʜȷ ʣɖʷ ɘ lsȷ ʨʘʧȷ ɘlsɖɥj fŋ̊ɖʡ ʘʨfŋ ʣʘʣʣʒ ʜɖɥɖʣ, ʜʦʙɖɘʘʣʦfŋ ʐfŋʧȷ ꞊ʘɘ ʜʨʣɢɖ꞊ fŋ̊ʦʨʘʣʘ꞊ ɖ ɘfŋ̊ʦʨȷ ʜʦʙᴵ ȷ lsfŋʷ fŋʦȷ ʡ ɥj ʣɖ ɘ ɻ ȷ ʨʣʒʘʣɖɖ ɖ ɹ ȷ ʥ è. ɼ ʘʥ ȷ ʦʣʦʙʨʘʱ ʘȷ ls ɘʣɖʣʒʘʣɖȷ ɥɖlsʘsȷ ʣʷ ʣʘᶩ fŋ̊ʘʧʘʜʳ ʄ ȷ ʡʥ ʨlsʘ, ɘ ʡʦlsʦʦʨʳ ꞊ ʌ ʦʨȷ ʣ ʦʙɘɖʣʷȷ lsfŋʷ ɘ lsʦʣʒ ɥlsʦ ʦʣʧʨɖʙȷ ɢʘȷ ls ç˞ ʐʣʦɘʡʘʣʒɖ ʡ ʥ ʣʘʐɥʣʦʣʒʐ ʦʙʨʘʟʐ ʣʒʳ fŋʥ ʡè. ɹ ᶩ lsʦʡ fŋʷʟɖ ʌ ʨȷ ʡʜ ʧʦʟɘʦʣɖʣfŋ̊ʙȷ ɘʳ ʧʘʜ ɘ ʘʜʨȷ fŋʐɥɖlsȷ ʣʷ: ç˞ ʦɢʜʘfŋʨȷ ʜɖ ʦʧʧʦʥ ʣʦɘ ʦʡʘʟʳ ɘʘʶ lsfŋʷ ʣ ʜɖ ɘʨʦʜȷ fŋʦɘȷ lsʣɖʡʘʄ ȷ ʡʥ ʨlsʘ, ʟʘʦȷ ɘʘʱ ȷ ɢʦ fŋʦɖʣʒɖ ʧȷ ɥʘsʣ ʣʒɖ ʨʘʙʦlsʘʣʒɖ ʙʦʣʱ ʦʡ ʘlsʦʦʨɖlsȷ ls... ɘ lsʘʡʦʣʒfŋʣʐɥʘ ʜȷ ʣʐ ɢɖʧʣʦʟʘʥ ɖʟʙȷ ʞ ʣʦ ʣʘʣʦfŋɖlsfŋʷ ʐʱ ȷ ʨʙ. ɹ ʦʣʱ ɖʣfŋ̊ɘʐ ʣ ʜȷ ʡ lsʨʣʐʜʣʦ ʧʨȷ ʜfŋ̊ʘɖlsᴵ fŋʙȷ, ɥlsʦʙʳ ʐɥj ʣ ʡ fŋʙʦʣʱ ɖʣʒʦʧʳ lsʦʣʒɘ ʥ ʡʦlsʦʦʨʳ ꞊ ʦʙʣʘfŋ̊ʷ꞊ ʥ ɘʨʦʧʘlsʦʣʦɢɖɖ, ʧʦʡʘʟʘʱ ɖʡ fŋʦʶ ʧʨʦʣɖɥʘsȷ ʣ ʣʦfŋ̊ᴵ, ʧʦʣʘɢʘʣɘʦʟʣʒʦʞ ʣ ʣʒʜʣʷ fŋʙʷ ʥ fŋɖlsʘsᴵ fŋʷ fŋʘlsʦʦʨɖlsȷ lsʘʣʒɖ ɘ ʜʨʣɢɖ꞊ ʦʙʣʘfŋ̊ʷ꞊è.

ɭ ȷ ʧʦʣɖʣʒʘʣɖȷ ʌ ʨȷ ʡʜʘfŋʦ fŋ̊ʦʦʨʦʣ ɘȷ ʣfŋ̊ɖ꞊ ɘʨʘɥj ʡ, ʣʘ꞊ʦʜɖɘʱ ɖ꞊fŋʷ ʧʦʜ ɘʣʘfŋ̊ᴵʶ ʬɖʟɖʡʦ- ꞊ɖʣʒɖɥj fŋ̊ʦɢʦ ʜȷ lsȷ ʨʣʒɖʣɖʟʣʒʘɘ ʜʐ꞊ȷ ʰ ʡʦʣ ɻ ȷ ʣ ʣʒɢʦʣ ɥʘ ʣʒʦɢʣʦ ʧʦɘʨȷ ʜɖlsᴵ ȷ ɢʦ ʙʐʜʐʱ ȷ ʡ ʡʘʨᴵ ȷ ʨȷ. ʡ lsʘçʨʘʜʐʞ ʣʘʷè ʧȷ ʨfŋʧȷ ʡlsɖɘʘɘʳ ʟɘʘʣʘɘ ʥ ʣʒʡʣʦʡʦɥʐʱ ʐʶ ʜʦfŋʘʜʐ. ʆ ʜʣʘʡʦ ʥ lsʘʡʦɘ ꞊ʘʨʘʡlsȷ ʦʌ ʨȷ ʡʜʘ, ɥlsʦʙʳ ʦlsʡʘʟʳ ɘʘsᴵ fŋʷ ʦls fŋʦɖ꞊ ɖʜȷ ʡ, ʜʘʞ ȷ ʥ ɘʟɖʨʘʷ ʣʘɘʦʟʣʒʦʞ ʣ ȷ ʧʦfŋʥ ʜfŋ̊ɘɖʷ. ʄ ʦʞ ȷ ls ʙʳ lsᴵ, lsʘʡʘʷ fŋɖlsʐʘɥɖʷ ʣ fŋ̊ɖʣʘʌ ʨȷ ʡʜʐ, ʦʧʧʦʟɖɥɖʦʥ ʨʣ ʦls ʧʨɖʨʦʜʳ. 2 ʬ ȷ ɘʨʘʣʷ 1886 ɢʦʜʘʦʣʦʧɖfŋʘʣɖʟ ɟ ʘʨɖʞ ʘʥ ɘȷ fŋ̊sȷ: çʊ ʞ ȷ ɘ ʰ ʡʦʥ ʷ ɘfŋɢʜʘʙʳ ʣfŋʨȷ ʜɖ fŋʘʣʒʳ ꞊ ʜȷ ʨʟʡɖ꞊ ʦʧʧʦʟɖɥɖʦʥ ʨʦɘ. ɕ ʥ ɖʟʣʒ ʣʣʦ ɘʳ fŋ̊ʐʧʘʣɘ ʟʘʱ ɖlsʐ ʡʘʡʦʡ-ʣɖʙʐʜᴵ ʡʨʘʡʥ ʡ ɖʜȷ ɖ ɖ, ʡʘʡ ʧʨʘɘɖʣʦ, ɢʦlsʦɘ ʙʳ ʣʧʣʘlsɖlsᴵ ʟʘᶩ lsʦ... ʄ ʥ ɥʘfŋ̊ʦ ʡʘʟʘʣʦfŋ, ɥlsʦ ʷ ʐʣʘfŋʥ ʜʦɘʘʣʐʜʐ꞊ ʥ-

(Nassif, 1977).

(Breuer und Freud, 1895, s. 268)

[illegible] (1926, [illegible] 418–433), [illegible] (Freud, 1933, [illegible] 59).

[illegible] (1897–1957), [illegible] (Freud, 1895, [illegible] 313–342), [illegible] (Reich, 1942). [illegible] (Lewis und Lowen, 1977, s. 217–244).

[illegible]

¸lsfʸ tʃtɛʷdʒʳ dʒɔɑ∫ʟɑdzzuɻ dzɑ∫¸dʒʏ|ɑ∫ʟɑdɸ¸dzɑzs?ˡ dɸ¸tɛɑ∫ɑ∫ ʟ⊙dzsɔts ʟ⊙tɛʷʜɑ∫lsᴵ ɑ∫fɳstsʰ ¸dzɑzʓ ? ɑ∫ˡ dɸ¸tɛɑ∫¸lsɑ∫uɻ fɳʃɑ∫ tstʃ∫zfɳstsʰ ¸dzɑzʓ ? tstɛɑ∫⊙dzɑ∫ʟɑdʒʙtsdz dzsɑ∫ts tɛ⊙ʃtsdʒ(Reich, 1948). ʈ ⊙?⊓, fɳstɛ¸dʒɔɸ¸dzɑ∫¸ ʃtslststɛtsɑ∫ts dzɑ⊙ʃtɛ⊙ɔdɸ¸dzɑs dzɑ⊙lsts, uɭstsʙʳ tʃtɛ¸tsʙtɛ⊙ʟtsɔ⊙lsᴵ ʷtɛ¸?ʜtsɔfɳʃtsj ¸zuɻ dzɑ∫¸ ts dzɑ∫ʙɑ∫ʜts ɔ ʙɑ∫tsʷɑ∫ʟɑ∫ʃz, tʃtsɔlststɛʷ¸lsˡ dɸ¸tɛɑ∫¸lsɑ∫uɻ fɳʃz¸ʁ ʃtsdzɑuɻ tʃuɑ∫ʁ ∫ ¸ fɳɑ∫ʒ¸tɛ⊙ dɸ¸ ɑ∫tsɔtstɛʷ ts dɸ¸dʒdzɑ∫ fɳɑ∫tsɔ⊙ ∫ dzɑ∫tʃtɛ¸ɔtsfɳʃtsʜdʒɸ¸ʜdɸ¸ɑ∫ts lstsdzʃtslsj dʒ uɭstsʓtslsj dzʙʳ fɳʜ¸ dɑ⊙lsᴵ çtstɑ∫tsdzè ɔɑ∫ʜɑ∫dʒʳ dʒɑ∫ tsfɳʸʟ⊙¸dʒʳ dʒ ʈ fɳɑ∫ɑ∫ ∫ ¸ fɳɑ∫ʒ¸tɛ¸ʰ ¸ ɔ ɑ∫ʟɔ¸j fɳstsdzʃ dʒ¸lsO ʷtstɛ¸ ɑ∫tsɔtstɛɑ∫ls ts ɑ∫dɸ¸ɔɑ∫ʜɑ∫dɑ∫tsdzè tsɑ∫dɸ¸, ʃtslststɛʳ ? dɸ¸ ɔtsfɳʃtɛɑ∫dzɑ∫dʒ⊙¸lsfɳʸ tsʙʳ uɭdz dʒɑ∫ tstɑ∫⊙dzɑ⊙dʒɑ∫ uɭzɔfɳstɔ, ʈ ⊙?⊓ tʃtɛʷdʒʃs ɑ∫tsɔtstɑ∫ls ts ɔtsfɳʃtɛɑ∫dzɑ∫dʒ⊙¸dʒʃs? ɑ∫ ɑ∫ʟɑdʒ¸tɛɑ∫dʒʃs? ɑ∫ˡ dɸ¸tɛɑ∫ɑ∫ çtstɑ∫tsdzɑ⊙è.

ʃ lsɑ∫ ʃtɛ⊙lsʃɑ∫¸ ʟ⊙dʒ¸uɭ⊙dzɑ∫ʷ tslsdzsfɳɑ∫ls¸dz dzs ʃtsdzɑuɻ tʃuɭɑ∫? ʌ tɛ¸?ʜ⊙ɑ∫ ʈ ⊙?⊓⊙ʜtsdzɳ dzˬ lstsdzʃtsʃtʃzdʃ⊙lsɑ∫tɛtsdʒ zʃ⊙ʟ⊙lsᴵ, uɭstsʃtsfɳdzsɔ⊙ls¸dz dzˬ ? ⊙dzɑ⊙dzɑ∫ʟ dʒ¸fɳʃ¸tɛɑ∫ʟdʒ⊙dʒʃsɤ¸j lsɑ∫dzls¸tɛ¸fɳdzs tsfɳɔ¸lsɑ∫lsᴵ ʃtsdzɑuɻ tʃuɭɑ∫ʁ fɳɔ⊙tɛ¸dʒ¸dzdzs? tʃfɳɑ∫⊓tsls¸tɛ⊙ʃɑ∫ɑ∫, uɭstsʃtsʟɔtsdzʷ¸ls dzˬdʒɑ∫fɳststɛɑ∫uɻ fɳʃɑ∫ tɛ⊙fɳɑ∫ʃʒslstɛ¸lsᴵ ʃ⊙ɤʃzʰ ɑ∫¸fɳʸ fɳ⊙dʒʃs fɳʃʙts? tɛ⊙ʟzdʒ¸ʁ ʰ ɑ∫dʒʃfɳʸ ʙ⊙ʟtsɔʳ ¸ tʃtɛ¸ʜtʃtsfɳ dʃɑ∫ ɑ∫ tslsʃdzsdɸ¸dzɑ∫ʷ (ʃ⊙ʃ, dzɑ⊙tɛɑ∫dʒ¸tɛ, ls¸tstɛɑ∫ʷ tʃ¸tɛ¸dzsfɳ⊙ ɑ∫dzɑ∫ ls¸tstɛɑ∫ʷ tstɛɑ∫tsdzɑ⊙) ɑ∫ ls¸dʒʃfɳ⊙dʒʳ dʒtʃtɛɑ∫ʜ⊙lsᴵ ɑ∫dʒ⊙ʃlsz⊙dz dzsfɳlsᴵ .

ʜ ɑ∫fɳls¸dʒ⊙lsɑ∫uɻ fɳʃts¸ ɑ∫fɳ⊙dɸ¸ʜtsɔ⊙dzɑ∫¸ ɑ∫fɳststɑ∫uɻ fɳʃtsɑtsfɳʃʜ¸tɛɤ|⊙dzɑ∫ʷ dʒʃʜ¸dzɑ∫ tʃ¸tɛ¸dɸ¸fɳ¸dzɑ∫ʷ ɑ ʃtsdzɑstɑʃ¸tɛ¸dɸ¸fɳ¸dzɑ∫ʷ ɔ tʃfɳɑ∫⊓tsɔ⊙dzɑ⊙dzɑ∫ʟ¸ ¸ʰ ¸ tʃtɛ¸ʜfɳstsɑ∫ls. ɪ ʜ¸fʰ lsj¸tɛ⊙ʃ¸ɔlsɑ∫uɻ fɳʃ⊙ʷ ʃtsdzɑuɻ tʃuɭɑ∫ʷ ¸ ɑ∫ʟ⊙dʒʃsfɳʁʷʟɑ∫ ⊙dzɑ⊙dzɑ∫lsɑ∫ʃ⊙ɑ∫ ⊙dzɑ⊙dzɑ∫ʟɑ∫tɛdz¸ dʒʃsɑtsɑ∫ts. ʈ ¸ʃtsdzɳstɛdzʃuɭɑ∫ʷ ˡ dɸ¸tɛɑ∫¸lsɑ∫uɻ fɳʃɑtsɑ∫ts tʃtsʜ⊓tsʜ⊙ʃ ¸ fɳɑ∫ʒ¸tɛ⊙dʒʃsɑ∫dzɑ⊙ʙʳ tʃts-dzsɔtsdʒz tsfɳɔ¸lsɑ∫lsᴵ ʷtɛ¸?ʜtsɔfɳʃɑ∫¸ tʃtsdzʷlsɑ∫ʷ çʷ ɑ∫ʟɑ∫uɻ fɳʃts? ˡ dɸ¸tɛɑ∫dɑ∫è ɑ∫ çdzɑ∫ʙɑ∫ʜtsè, tsfɳʁʙ¸ dzɑzs ˡ lsts ʃ⊙fɳʃ¸lsfʸ ɑ∫⊓ ʟdzɑ⊙uɻ dzɑ∫ʷ ʜdzʸ tʃfɳɑ∫⊓tsɔ⊙dzɑ⊙dzɑ∫lsɑ∫uɻ fɳʃts? lsj¸⊓dzɑ∫ʃɑ∫, lsɑ∫ uɭstsɔtsʟdʒʃsɤ dzs, tʃtsʷɔʷlsfʸ tsʙʰ ɑ∫¸ ʜdzʸ dʒ¸ fɳʃ¸tɛɑ∫ʟdʒ⊙ɑ∫ tʃfɳɑ∫⊓tsɔ⊙dzɑ⊙dzɑ∫lɑ∫⊙dzɑ⊙¸dʒʃ⊓⊙dzɑ⊙dzɑ∫ʟɑ∫dʒʳ ʜ¸ʃ?fɳɔɑ∫ʷ. ʌ tɛ⊙dzɑ⊙¸lzʟfɳʃɑ∫? ɑ∫fɳ⊙dɸ¸ʜtsɔ⊙ls¸dz ʈ . ʈ lzʟɑ∫-dzsdzɔ ⁻ 6 ɤ|lztɛdzɑ⊙dzɑ⊙ɔçRevue Francaise de Psychanalyseè ʟ⊙1984 ɑtsʜ tsʃ¸lzʙdzɑ∫ʃtsɔ⊙dzfɳɔ⊙lsᴵ ʁ tʃtsʜ fɳɑ∫dʒɔtsdzɑ∫uɻ fɳʃɑ∫dʒdzɑ⊙ʟɔ⊙dzɑ∫¸dʒçʃ ls¸uɭ⊙dzɑ⊙ʃ ¸ fɳɑ∫ʒ¸tɛ⊙ʃ¸ uɭ⊙dzz ʌ tɛ¸?ʜ⊙è, ɔ ʃtslststɛtsʃ tʃtɛtsfɳɸ¸ɤ|ɑ∫ɔ⊙¸ls tʃtɛ¸ʃ¸dʒfɳʃɔ¸ɔdzɑzsfɳʃᴵ ɑ∫ʜ¸ʃ (Roussillon, 1984, tɛ. 1363ð 1383).

ʊ¸tɛ⊙fʃ¸ɔlsɑ∫uɻ fɳʃɑ∫¸ lsj¸⊓dzɑʃʃɑ∫ (ʙɑ∫tsᴵ dɸ¸tɛɑ∫¸lsɑ∫ʃɑ∫ ɑ∫ ɑ∫¸ʰ lsɔ⊙dz lsls¸-tɛ⊙fɑ∫ɑ∫), dzɑ⊙⊓tsʜʷʰ ɑ∫¸fɳʸ ʙtsdɸ¸ʃ ɑ∫dzɑ∫ dʒɸ¸dɸ¸ʃ tʃtsʜ ɔdzɑ∫ʷdzɑ∫¸dʒʈ ⊙?⊓⊙) dʒtsɑ⊙dzɑ∫ ʙʳ uɻ tɛ¸ʟ ʙtsdɸ¸ʃ lsʰ ⊙ls¸dz dzs¸ ɑ∫ʟzuɻ dzɑ∫¸ dʒ¸fɳʃ¸tɛtsɔfɳʃtsɑtsdzɑ⊙fɳʃʜɑ∫ʷ tʃtsdzzuɑ∫lsᴵ dzs ɔʳ ʃ ɑ∫fɳststɛɑ∫uɻ fɳʃɑ∫¸ ʃtsdzlsztɛʳ ɑ∫ ls¸dʒfɳ⊙

dʒ dʒɘ ʗɢtɕʘlʂ ɘ lʂʝ tʂtɕʝ lʂʗɥʝ fɲ̵tʂʔ tʂfɲlʂtɕʂlʂʝ. ʃ tʂʞ dʑʂ ʧtɕʝ ʜʧtʂdʑʂʞ ʗlʂ, ɥlʂtʂ ʧtɕʗ tʂʧtɕʝ ʜʝ dʑʝ dʑdʑ ꞊
tʂʙ fɲlʂtʂʷ lʂʝ dʑ fɲlʂɘʘ꞊ tʂlʂ ʜʗʘdʑʂɢʘfɲdʒʝ fɲdʒʝ tɕʗʟdʒʂdʒ dʒʂɢdʑʗ ʙ ʗfɲ꞊tʂʜʗlʂ ʗdʒʧ lʑdʑ fɲ, ɘʘʞ dʑ ʝ ʜdʑ
ʗ fɲʧʝ tɕʗdʒʝ dʑʂʘdʑ dʑʂɢtʂ ʗfɲfɲdʑʝ ʜtʂɘʘdʑʗ fɲʂɘtɕʝ dʒʝ dʑdʑʂʔ ʧfɲʗ꞊tʂlʂʝ tɕʘʧʗʗ.
ʊ lʂɘʝ tɕʞ ʜʘ ʗʟʗɥʝ fɲ̵lʑ tɕʝ ʘdʑ dʑʂfɲlʂ ʧfɲʗ꞊ʗɥʝ fɲ̵tʂʔ dʑʝ tɕɢʗʗ, ʈ ʘʔ꞊ ʧtɕʝ ʜʝ dʑ dʑʂ tɕʘfɲ ʗtɕʗdʑʧtʂdʑ lʂʗʝ
dʑʗʙʗʜtʂ ʗ fɲʕtʂdʑʘ1930-꞊ ɢtʂʜtʂɘ tɕʘʟɘʗdʑfɲtʂʝ tʂʙ tɕʘʟdʑʂʝ dʑʘlʂlʑtɕ ʗdʑʂfɲʂ fɲ̵tʂʝ lʑɥʝ dʑʗʝ tʂʙ
lʑdʑʗɘʝ tɕfɲʘdʑ dʑʂʔ ʕtʂfɲdʒʗɥʝ fɲ̵tʂʔ ʞ ʗʟdʑʝ dʑdʑʂʔ dʑʝ tɕɢʗʗ, dʑʘʟɘʘdʑdʑʂʔ ʗdʒçtʂtɕɢʘdʑʂdʒè. ɺ 1960-꞊ ɢtʂʜʘ꞊
ʗʜʝ ʗ ʈ ʘʔ꞊ʘʙ dʑʗ ɘtʂfɲʧtɕʗdʑ lʂ dʑʘɩ ʘʧʘʜʝ ʜɘʗʞ ʝ dʑʗʝ dʒ lʂʘʕ dʑʘʟ ɘʘʝ dʒ ꞊ dʑʂɘ ꞊ dʑʝ ɘ ꞊,
tʂʙ ʷɘʗɘʰ ʗ꞊ ʝ ɢtʂ fɲtʂʗdʒʗʜʝ tʂdʑʂɢtʂdʒ ɹ lʑtɕdʑʘ dʑʘlʑɥdʑʘ ʕʘtɕ ʝ tɕʘʈ ʘʔ꞊ʘʟʘʝ tɕʰ ʗdʑʘfɲ lʂtɕʘɢʗɥʝ fɲ̵ʗ.
ʃ dʑfɲʘdʒʗfɲʧtʂdʑ ʟtʂɘʘdʑɢʝ dʑʝ tɕʘlʂtʂtɕ tʂtɕɢtʂdʑʘʗ ʧtɕʗʟ ɘʘdʑʕ ʗ꞊ ʗfɲʧtʂdʑ ʟtʂɘʘdʑʗ ʜtɕdʑɢʗ꞊, ʘlʂʘʕ ʕʘʕ tʂdʑʗ
ʙ dʑʗ ʟʘʧtɕʝ ʰ ʝ dʑ ɸ ɢʝ dʑʂfɲlʂɘtʂdʒʧtʂ ʧʗʰ ʝ ɘ dʒʧtɕʂʜlʑʕlʂʘdʒʗ dʑʝ ʕʘtɕfɲlʂɘʝ dʑdʑ dʒʧtɕʝ ʧʘtɕʘlʂʘdʒ ɘtʂʟdʑʗʕ
fɲʝ tɕ ʝ ʟdʑ ʔ ʕtʂdʑ dʑʗʕlʂ fɲʧtɕʘʗlʂʝ dʑ fɲlʂɘtʂdʒʉ ʐ ɸ. ɟ tʂfɲdʑʝ dʑʝ fɲ̵tʂdʑ ʕʗ꞊ fɲlʑʜʝ ʙdʑ ꞊ tɕʘʟʙʗtɕʘlʂʝ dʑ fɲlʂɘ ʝ ɢtʂ
ʜɘʘʞ ʜ ʧtɕʗɢtʂɘʘtɕʗɘʘdʑʗ ʕ lʂ tɕʝ dʒdʑʂdʒlʑ ʟʘʕdʑ ɥʝ dʑʗ, ʗ ɘ ʕtʂdʑɥʝ ʕtʂdʑɥtʂɘ 3 dʑʂʷʙtɕʷ 1957 ɢtʂʜʘtʂdʑ
lʑdʒʝ tɕɘ dʑ ʗfɲʙlʑtɕɢfɲ̵tʂʔ (ʰ lʂ. ɟ ʝ dʑfɲʗdʑ ɘʘdʑʗʷ) lʂ tɕ dʒʝ tʂlʂ fɲʝ tɕʜʝ ɥdʑʂɢtʂ ʧtɕʗfɲlʂlʑʧʘ.
ɩ ʝ lʂtɕdʑʜdʑʂ ʟʘdʒʝ lʂʗlʂ, ɥlʂtʂ ɢʗʧdʑʂʟ fɲlʂʘdʑʕʘtɕ ʝ tɕʂdʒ ʗʟ ʕtʂlʂtʂtɕʂɢtʂ ɘfɲʝ dʑʘʧtɕʘɘdʑʝ dʑʗʷ ʧfɲʗ꞊tʂlʂʝ tɕʘʧʗʗ
ʜtʂʙ ɘʘ lʂ dʒʘlʂʝ tɕʗʘdʑʜdʑ fɲtʂʗ꞊ çdʑʂɘ ꞊è fɲlʂtɕʂʝ dʑʗʔ, ɥʘfɲlʂtʂ dʑʝ lʑʕʘʟ ɘʘ, tʂlʂʕlʑʜʘtʂdʑʗ ɥʝ tɕʧʘ lʂ
fɲtʂʗ dʑʘ꞊tʂʜʕʗ, ɥlʂtʂ ʕtʂdʒʧtɕʂdʒʝ lʂʗtɕdʑʝ lʂ ʗʟɘʝ fɲlʂdʑdʑ ʧtʂtɕʷʜtʂɥdʑʂfɲlʂ dʑʘlʑʕʗ. çʀ fɲlʂtʂɥdʑʗʕ tʂɢtɕʂdʒdʑ ꞊ tɕʝ ʕ
ʧfɲʗ꞊tʂʘdʑʘdʑʗʟʘʗ ʧfɲʗ꞊tʂfɲlʂdʒʘlʂʗʕʗ dʑʝ ʞ ʗlʂ ɘ ɢʗʧdʑʂʟʝ. ʃ lʂʜʝ dʑʗɘʰ ʗfɲ ʕtʂɢʜʘlʂtʂ tʂlʂ dʑʝ ɢtʂ, tʂdʑʗ ɥʘfɲlʂtʂ
ɘtʂʟɘtɕʘ ʘ lʂfɲ ʕ dʑʝ dʒlʑ ʟʘʧtʂʜʧʗlʂʕtʂʔ, tʂʙ dʑʂɘdʑʝ dʑdʑ ʝ, tʂdʑʗ dʒʝ ʞ ʜlʑ lʂʝ dʒ dʑʝ lʑʧlʑ fɲ̵ʘ lʂ fɲdʑlʑ ɥʘ, ɥlʂtʂʙ
dʑʝ tʂʙɘʗdʑʗlʂ ʝ ɢtʂ ɘ ɥʝ dʒ-lʂtʂè (ɟ. ɾ ʘdʑʝ).
ʉ lʂtɕʂɢtʂ ɢtʂɘtʂtɕʷ, ɘfɲʝ fɲ̵ʘʟʘdʑdʑʂʝ dʑʘdʒʗ tʂ ɢʗʧdʑʂʟʝ ð dʑʗʰ ɹ ɘ ꞊ɘʘɥʝ dʑdʑʘ ʗʟ tʂɢtɕʂdʒdʑʂʔ dʒʘfɲfɲ
ʕtʂtɕʂlʂʕʘ ʗdʑdʑ fɲlʂtɕʘɥʗʷ. ʊʝ dʒdʑʝ dʒʝ dʑʝ ʝ ʧtʂtɕʘʧtʂʜɘtʂʜʗlʂ ʗlʂtʂɢʗ. ɩ ʘʜʝ ʝ dʒfɲ, ɥlʂtʂ dʑʘ tɕʘfɲfɲ̵ʘʟ tʂ
ɢʗʧdʑʂʟʝ dʑʝ fɲʂʟʜʘfɲlʂ lʑ ɥʗlʂʘlʂʝ dʑ ʧtɕʝ ʜfɲlʂʘɘdʑʝ dʑʗʝ ɘfɲʝ ʟdʑʘdʑʗʷ, ʘ dʑʘʧtɕʂlʂʗɘ, ʧtɕʂʙlʑʜʗlʂ dʑ ʙtʂʧ lʂfɲlʂɘtʂ
ʕ ʜʘdʑdʑʂʔ ʧtɕʂʙdʑʝ dʒʝ. ɩ ʝ fɲdʒʂlʂtɕʷ dʑʘɘfɲʝ, ɥlʂtʂ ʗʟɘʝ fɲlʂdʑʂ tʂ ʝ dʑʂdʒʝ dʑʝ ɢʗʧdʑʂʟʘ dʒʂʞ dʑʂ lʑɘʝ tɕʝ dʑdʑʂ
fɲ̵ʘʟʘlʂ, ɥlʂtʂ ɥʝ dʒʙdʑʗʞʝ dʒ ʕ ʝ ɢtʂ tɕʘʟɢʘʜʕʝ, lʂʝ dʒdʒʝ dʑʝ ʝ tʂdʑʕʘʞ ʝ lʂfɲ ʧtʂʟdʑʘɘʘʝ dʒ dʒ ɟ tɕʝ ʞ ʜʝ ɘfɲʝ ɢtʂ
lʂtʂ fɲʷʟʘdʑʂ fɲlʂʝ dʒ ɥlʂtʂ lʂtʂlʂ çʟdʑʘʕtʂdʒ ʔ dʑʝ ʟdʑʘʕtʂdʒʝ ɥè tʂʕʘʟʘdʑfɲ ʧtʂdʑʗfɲlʂtɕdʑʕlʂlʑtɕdʑ dʒʧfɲʗ꞊ʗɥʝ fɲ̵ʗdʒ
fɲʂfɲlʂtʂʷdʑʗʝ dʒʗ ɥʝ dʑ dʒʕtʂdʒʧdʑʝ ʕfɲʂdʒʷɘ-

dʑ dʓʃʡ. ɟ ʦ˩ lsʦdʒʐ ʝ ɢʦ ɋʟʐɰ dʓʃʝ lsʨ ʙʐʝ ls dʒʐdʐ lsɋʜɋfŋɥɋʧ dʓɋdʓȮʨ-dʓsɢʦ ʧʦʜ꞊ʦʜȮ lsȮʢ ʢȮʢ ʧʐlsɋ ʦls dʑ ɢʦ
ɘʝ ʜʐls ɘ ʨȮʟdʐ ʝ ʦʙ dʓȮfŋsɋ: ʧ fŋɋ꞊ʦdʓsɢɋʶ , ʧ fŋɋ꞊ʦȮdʓȮdʓɋʟ, dʒʝ ʜɋɥɋdʓʐ, ˩ ʢfŋʧ ʝ ʨɋdʒʝ dʓsȮdʐ dʓʐʶ
ʧ fŋɋ꞊ʦdʓsɢɋʶ , ʧ fŋɋ꞊ʦfŋsɥɋʦdʓsɢɋʶ , ʧ fŋɋ꞊ʦʬ Ȯʨdʒ Ȯʢʦdʓsɢɋʶ , dʑ ʡ-ʨʦ꞊ɋdʒɋʶ , dʑ ʡ ʨʦʧ fŋɋ꞊ʦdʓsɢɋʶ ,
dʑ ʡ ʨʦʬ ɋʟɋʦdʓsɢɋʶ ɋ ʜʨdʐɢɋʝ . ʂ Ȯʢ fŋʢȮʟȮdʐʃ . ʂ ʴ ʶ ʙɋ: çʅ ɋʧ dʓsʟ dʓȮ꞊ʦʜɋlsfŋʬ dʓȮʧ ʝ ʨʝ fŋʝ ɰʝ dʓʃɋ ɘfŋʝ꞊
ʐʨʦɘdʑ ʡ ʬ ɋʟɋʦdʓsɢɋɰʝ fŋʢʦʡ ɋ ʧ fŋɋ꞊ʦdʓsɢɋɰʝ fŋʢʦʡ ʦʨɢȮdʓʃʟȮɥɋɋ, ɋ ʬ ʝ dʓsdʒʝ dʓ, dʓȮʟʳ ɘȮʝ dʒ ʡ
ɢɋʧ dʓslsɋʟdʒsdʒ ʢʦɢʜȮʦdʐʧ ʦdʓdʓsfŋsʴ ʶ ʙʐʜʝ ls ʧ ʦdʐʬls, fŋsȮdʑ ls ʦʜdʓʃdʒɋʟ ɘȮʞ dʑ ʡʰ ɋ꞊ ɋdʓfŋsʨdʐdʒʝ dʓsʦɘ
ʜdʐʬ ɋʟʐɰʝ dʓʃʬ dʓsʨdʒȮdʐ dʓsɢʦ fŋdʓȮ dʓsʨdʒȮdʐ dʓsɢʦ fŋsfŋsʦʬ dʓʃʬ ʙʦʜʨfŋsɘʦɘȮdʓʃʬ ɋ ʧ ʦfŋsʦʬ dʓdʓsɢʦ
ɘʟȮɋdʒʦʜʝ ʡ fŋsɘɋʬ dʓsʨdʒȮdʐ dʐ ꞊, dʑ ɘʨʦlsɋɰʝ fŋʢɋ꞊ ɋ ʧ fŋɋ꞊ɋɰʝ fŋʢɋ꞊ ʧ ʨʦɰʝ fŋsɘè (Kubie, 1961, ʨ. 40ð 54).

ɟ ʨʦʬ ʝ fŋsʨ. ʅ . ɽ . ʈ ʦʞ dʓsɘ fŋʧ ʨȮɘʝ ʜdʓʃɘʦ fŋʧ ʨȮʱ ɋɘȮʝ ls: çʈ Ȯʟɘʝ dʑ ɋdʒʝ ʝ dʒdʒʳ ʧ ʨȮɘȮʧ ʨʝ ʜʧ ʦdʓʦʞ ɋlsʴ ,
ɰlsʦ ɢɋʧ dʓsʟ dʒdʓsɢʦɢʨȮdʓdʓs ɋ ʨȮʟdʓsfŋsʦʨʦdʓdʑ , ʢȮʢ dʓʃʢȮʢʦʝ ʜʨdʐɢʦʝ ʧ fŋɋ꞊ɋɰʝ fŋʢʦʝ fŋsfŋsʦʬ dʓʃʝ
ɰʝ dʓsɘʝ ʢȮ ʨȮfŋʢʨʳ ɘȮʶ ʱ ʝ ʝ ʝ ɢʦ fŋʢʨʳ lsʳ ʝ ʨʝ fŋʐʨfŋʳ , ɋ ʝ fŋsʴ ʧ ʨʦʦʙʨȮʟ ʧ fŋɋ꞊ɋɰʝ fŋʢʦɢʦ
ʬ ʐdʓʢ ɥɋʦdʓʃʨʦɘȮdʓʃʬ ɰʝ dʓsɘʝ ʢȮʙʐʜʐʱ ʝ ɢʦ ð fŋʦʝ ʦʙ ʨȮʟdʓȮʬ dʒʦʜʝ dʐ ʝ ɢʦ dʑ ʦɢʨȮdʓʃɰʝ dʓdʓsɢʦ
dʒsɢʐʱ ʝ fŋsɘȮ ʧ ʦʜɰɋdʐʬʶ ʱ ʝ ɢʦ fŋʝ ʙʝ dʑ lsʦdʐ ʢʦ ʦʢʨdʐʞ Ȯʶ ʱ ɋʡ dʒɋʨ, dʓs ɋ fŋȮdʒsɢʦ fŋʝ ʙʬ ɋ lsʝ dʒfŋȮdʒʳ dʒ
ʨȮʟʨʝ ʰ Ȯʶ ʱ ʝ ɢʦ dʑ ʨȮʟʨʝ ʰ ɋdʒʳ ʝ ʧ ʨʦʙdʑ dʒʳ , dʓȮʜ ʢʦlsʦʨʳ dʒɋ ʙʴ ʝ lsfŋʬ ɰʝ dʓsɘʝ ɰʝ fŋsɘʦ ɘfŋʶ fŋʦʶ
dʒʬ lsʐʱ ʐʶ fŋʬ ɋfŋsʦʨɋʶ ?!è (ʈ ʦʞ dʓsɘ, 1987, fŋ 301).

ɹ ʳ fŋsʨʦʝ ʨȮʟɘɋlsɋʝ ʟdʓȮdʓʃʡ ʦ ɢɋʧ dʓsʟʝ , ʙdʓȮɢʦʜȮʨʬ ʨȮʟʨȮʙʦlsʢʝ ˩ lsʦɢʦ ɘʦʧ ʨʦfŋȮʢʨdʐʧ dʐ dʒɋ ʐɰʝ dʐ dʒɋ,
ɘfŋʝ dʐʬ dʓs dʓȮʜʝ ʞ ʜʐ dʓȮfŋʢʦʨʦʝ ʧ ʨʦʜɘɋʞ ʝ dʓʃʝ ɘ ʝ ɢʦ ʧ ʦʟdʓȮdʓʃɋ ɘ ʙdʓɋʞ Ȯʡʰ ʝ dʒʙʐʜʐʱ ʝ dʒ ʦʜdʓȮʢʦ
˩ lsʦɢʦ dʑ fŋdʓʐɥɋdʓsfŋʰ . ʂ Ȯʢ ɢʦɘʦʨɋls ʧ ʦ˩ ls ʃ . ʄ Ȯʨlsʳ dʓsɘ:

ʅ fŋʝ ɢʦ

ɽ ʱ ʝ ʧ ʦdʐʬlsʴ dʑ dʒʦʞ ʝ dʒ ð

ʂ Ȯʢ ɘɋʜdʓs, ɘʨʝ dʒʬ dʑ ʧ ʨɋʰ dʓs...

ɹ ɖʙʣʃʦɢ̂ʨʘ̷ʬ ɖʷ

ɸ ʣ̷ls ʦʣ̷ʦɘɖɥ ʄ . ɸ. (1945). ʀ ʟʙʨʘ̷ʣ̷ʣ̷ ʝ ʬ ɖʣ̷ʦfɲʃʬ fɲ§ɖʝ fɲʃʅɖʣ̷ʝ ʣ̷ʃʷ.

ɹ ʘ̄ls ɖʘʨʦɘ ɺ . ɸ. (1928). ʉ ɖʣ̷ʷʕ ʦls ʤʣ̷ʃʤʦɢ̂ʦ ɮʰ ɖʙʘ ʧʦʣ̷ɮʅʝ ʣ̷ʣ̷ ʡ ɘ ɢ̂ɖʧʣ̷ʦʟʝ . ʂ ʣ̷ɖʣ̷ʃʅʝ fɲ§ɖʡ

ʞ ɮʨʣ̷ʘʣ̷ɮʉ ʘʨʘlsʦɘ fɲ§ʦɢ̂ʦ ɮʣ̷ʃɘʝ ʨfɲʃlsʝ lsʘ ɺ ʳ ʧ. 3.

ɹ ʝ ʣ̷ɖʣ̷fɲ§ɖʡ ɺ . ɻ. (1941). ʀ ʟʙʨʘ̷ʣ̷ʣ̷ ʝ ʬ ɖʣ̷ʦfɲʃʬ fɲ§ɖʝ ʧʨʦɖʟɘʝ ʜʝ ʣ̷ʃʷ. ʄ .

ɹ ʝ ʣ̷ʣ̷ɖʣ̷ʕ . ʌ . (1902). ʉ ɿ ʙ. ɿ ʨlsʦʕʦʣ̷ ʟʘfɲʝ ʜʘʣ̷ʃʡ ʆ ʙʱ ʝ fɲlsɘʘ ʕfɲʃʝ ʨɖʤʝ ʣ̷lsʘʣ̷ ʣ̷ʦʡ ʧfɲʃ̄ʦʣ̷ʦɢ̂ɖɖ.
1902.

ɹ ʝ ʣ̷ʝ ʜɖʕls ʄ ʦʨɖɥ (1880). ʆ ʕʘlsʘʣ̷ʝ ʧ fɲʃɖ ɖ ʤʝ fɲʤʝ ʨɖʟʤʝ . ʉ ɿ ʙ.

ɹ ʝ ʨʣ̷ʘʨ ʂ . (1866). ɺ ɘʝ ʜʝ ʣ̷ʃʝ ʕ ɖʟɮʅʝ ʣ̷ʃʶ ʦʧʳ lsʣ̷ʦʡ ʤʝ ʜɖʅɖʣ̷ . ʉ ɿ ʙ.

ɹ ʝ ʨʣ̷ɢ̂ʝ ɖʤ ʀ . (1887). ʆ ɢ̂ɖʧʣ̷lsɖʅʝ fɲ§ʦʤɘʣ̷ɮʰ ʝ ʣ̷ʃɖ ɖ ʧʨɖʤʝ ʣ̷ʝ ʣ̷ʃɖ ʝ ɢ̂ʦ ɘ lsʝ ʨʘʧɖɖ. ʊ. 1. ʆ ʜʝ fɲʃʘ

ɹ ʝ ʨʣ̷ɢ̂ʝ ɖʤ ʀ . (1888). ʆ ɢ̂ɖʧʣ̷lsɖʅʝ fɲ§ʦʤɘʣ̷ɮʰ ʝ ʣ̷ʃɖ ɖ ʧʨɖʤʝ ʣ̷ʝ ʣ̷ʃɖ ʝ ɢ̂ʦ ʕ ʣ̷ʝ ʅʝ ʣ̷ʃʶ ʙʦʣ̷ʝ ʟʣ̷ʝ ʡ. ʊ. 2.
ʆ ʜʝ fɲʃʘ

ɹ ʝ ̄ls ʝ ʨʝ ɘ ɺ . ʄ . (1905). ʆ ʙ ʦʙʲ ʝ ʕlsɖɘʣ̷ ̄ ʧʨɖʟʣ̷ʘʕʘ̄ ɘʣ̷ɮʰ ʝ ʣ̷ʃʡ, ɖfɲʧʳ lsʳ ɘʘʝ ʤʳ ̄ ɘ ɢ̂ɖʧʣ̷ʦʟʝ . //
ɺ ʝ fɲlsʣ̷ʃʕ ʧfɲʃ̄ʦʣ̷ʦɢ̂ɖɖ, ʕʨɖʤɖʣ̷ʘʣ̷ ʣ̷ʦʡ ʘʣ̷lsʨʦʧʦʣ̷ʦɢ̂ɖɖ ɖ ɢ̂ɖʧʣ̷lsɖʟʤʘ ʉ ɿ ʙ. ʏ . 2. ɺ ʳ ʧ. 4.

ɹ ɖʣ̷ʝ ɸ. (1888). ʕ ʕfɲʃʝ ʨɖʤʝ ʣ̷lsʘʣ̷ ʣ̷ʦ-ʬ ɖʟɖʦʣ̷ʦɢ̂ɖʅʝ fɲ§ɖʡ ɿ lsʶ ʜ.

ɹ ɖʣ̷ʝ ɸ. ɖ *ʌ ʝ ʨʝ ʐ* . (1890). ɼ ɖɘʦlsʣ̷ ʡ ʤʘɢ̂ʣ̷ʝ lsɖʟʤ ʉ ɿ ʙ.

ɹ ɖls ʣ̷ʝ ʨɘ ɺ . ɺ . (1895). ʏ ɮʜʝ fɲʘɢ̂ɖʧʣ̷lsɖʟʤʘ ʉ ɿ ʙ.

ɹ ɖls ʣ̷ʝ ʨɘ ɺ . ɺ . (1899). ɺ ʝ ʨɖlsᴵ ɖʣ̷ɖ ʣ̷ʝ ɘʝ ʨɖlsᴵ ? ʉ ɿ ʙ.

ɹ ɖls ʣ̷ʝ ʨɘ ɺ . ɺ . (1903). ɻ ɖʧʣ̷lsɖʟʤɖ ʨʦʜfɲlsɘʝ ʣ̷ʣ̷ ʝ ʷɘʣ̷ʝ ʣ̷ʃʷ ɘ ʣ̷ʘɮʕʝ ɖ ʞ ɖʟʣ̷ʃ. ʉ ɿ ʙ.

ɹ ʦʣ̷ʃ ɸ. (1888). ɻ ɖʧʣ̷lsɖʟʤ ʀ fɲʃʝ ʜʦɘʘʣ̷ʃʷ ʬ ɖʟɖʦʣ̷ʦɢ̂ɖʅʝ fɲ§ɖʝ ɖ ʧfɲʃ̄ʦʣ̷ʦɢ̂ɖʅʝ fɲ§ɖʝ . ʉ ɿ ʙ.

ɹ ʨʦʜʦɘfɲ§ɖʡ ɹ . ʄ . (1888). ɻ ɖʧʣ̷lsɖʟʤɘ ʧʨʘʕlsɖʅʝ fɲ§ʦʡ ʤʝ ʜɖʅɖʣ̷ʝ . ʉ ɿ ʙ.

ɹ ɮʣ̷ ɿ . ʀ . (1953). ʆ ʣ̷ʝ ʅʝ ʣ̷ʃɖ ʙʨʦʣ̷̄ɖʘʣ̷ ʣ̷ʦʡ ʘfɲlsʤʳ fɲɮɢ̂ɢ̂ʝ fɲlsɖɘʣ̷ʦʡ lsʝ ʨʘʧɖʝ ʡ. ʃ .

ɹ ʐɖʑ ʇ . ʀ . (1974). ʆ ʩɡʣʦɘʳ ʧʩɡʃ͞ʦʪʝ ʨʘʧ ɖɖ. ʃ .: ʄ ʝ ʜɖʮɖɖʑʘ
ɺ ɘʝʜʝ ɖʣʩʄɖʡ ɭ . ɼ . (1954). ʇ ʦɖʑʣʦʝ ʩʧʙʨʘʣɖʝ ʩʧʮɖɖʥ ɖʣɖʡ. ʊ. 5, ʃ .
ɺ ʝ ɖʑ ɘʦɘʩʄɖʡ ʀ . 3., ʇ ɖʘʪ ʦɖʣʦɘ ʂ . ʀ . (1924). ʂ ɘʦʧ ʨʦʩʝʐ ʦ ʧ ʨɖɖʒ ɖʥ ɖʣɖɖ ʛɖʧ ɖʣʦʟʘɘ ͞ɖʨʑʨʛɖɖ,
ʘʡʐʰ ʝ ʨʩʝʦɘʝ ɖ ʛɖɖʥ ʡʦɖʣʦʛɖɖ. ɺ ʨʘʮʝ ʙɖʣʦʝ ʜʝ ɖʣʦ. 1924, ¯ 7.
ɺ ʷʟʝ ɖʒʩʄɖʡ ʁ . ɺ . (1900). ʇ ʨɖɖʒ ɖʥ ɖʣɖʝ ʛɖʧ ɖʣʪʪɖʮʝ ʩʄɖ͞ ɘɖʑʐʰ ʝ ɖʣɖʡ ʩŋɖʥ ʮʝ ʙɖʣʦʡ ʮʝ ɖʑ ʁ . ʉ ʘʨʘʪʦɘ.
ɻ ʘʡʡʝ ʙʐʰ ɺ . ʄ . (1926). ɭ ʦɘʳ ʝ ʧʐʪɖ ɘ ɖʟʐʮʝ ɖʣɖɖ ɺ ɖʒʦʮɖʡ. ʉ ʦɘʨʝ ɖʒ ɖʣɖʘʷ ʧ ʩɡʃ͞ʦɖʥ ɘʨʦɖʣʦʛɖʷ, ¯ 4.
ɻ ʘɖʣʝ ɻ . (1798). ʆ ʪʡʨʳ ʪɖʝ ʪʘʡɖʑ ʜʨʝ ɘɖʣ͞ ɖʒʘʛɖʡʦɘ ɖ ʮʘʨʦʜʝ ʝ ɘ. ʊ. 3. ʄ . 1798.
ɻ ʝ ʛʝ ɖʑ ɻ .-ɺ .-ʌ . (1977). ʡ ɖʣɭɖʡɖʣʦʧʝ ʜɖʷ ʬ ɖɖʣʦʩʧʬ ʩʄɖ͞ ɖʘʐʡ. ʊ. 3. ʏ . 3. ʌ ɖɖʣʦʩʧʬ ɖʷ ʜʐ͞ʘ ʄ .
ɻ ʝ ʡʜʝ ɖʣʘʡɖʑʈ . (1881). ʊʘʡ ɖʘʟʳ ɘʘʝ ɖʒ ʡ ʞ ɖɘʦʪɖʑ ʡ ɖʒʘʛɖʥ ʪɖʟɖʒ ʌ ɖʟɖʦɖʣʦʛɖʮʝ ʩʄɖʝ ɖʘʙɖʑ ʜʝ ɖʣʷ ʜ-
ʨʘʈ ʐʜʦɖʑ ʬ ʘɻ ʝ ʡʜʝ ɖʣʘʡɖʘ ʧ ʨʦʬ ʝ ʩʧʦʨʘʬ ɖʟɖʦɖʣʦʛɖɖ ɖ ʜɖʨʝ ʡʪʦʦʨʘʌ ɖʟɖʦɖʣʦʛɖʮʝ ʩʄʦʛʦ ɖʣʩʝɖʪʐʪʘ
ɘ ɹ ʨʝ ʩɡʑʘɘɖʥ . ʉ ʇ ʙ.
ɻ ʦʨʙʘʮʝ ɘɖʮ ɸ . ɹ . (1955). ʆ ɖʥ ʡʦʪʦʦʨʳ ͞ ʐʩɡʣʦɘɖʣʦ-ʨʝ ʬ ɖʥ ʡʪʦʦʨɖʑ ͞ ɖʒ ͞ʘɖʣɖʟɖʒʘ͞ ɺ ʧ ɖɖʥ ʧ ʪʦɖʜɖʣʦʛʦ
ʧ ʨɖʧ ʘʜʡʘ /ɾ ʐʨɖʑ ɖʥ ɘʨʦʧ ʘʪʦɖʣʦʛɖɖ ɖ ʧ ʩɡʃ͞ɖʘʪʨɖɖ. ʊ. 55. ɺ ʳ ʧ. 5. ɺ . 326ð 329.
ɻ ʨʝ ɖʒʷʮʡɖʡ ʄ . ɸ . (1933). ʆ ʮʝ ʨʡɖ ʦ ʞ ɖʟɖʣʃ ɖ ɖʘʐʮɖʣʦʡ ʜʝ ʷʪʝ ɖʑ ɖʣʦʩʝɖ. ʄ .
ɻ ʨɖɖʒʘʡʃ . ʇ . (1978). ʄ ʦʜʝ ɖʣɖʨʦɘʘɖʣɖʝ ʩʧʩʝʦʷ ɖʣɖʡ ʮʝ ɖʣʦɘʝ ʡʘɘ ʛɖʧ ɖʣʦʟʝ. ʄ .
ɼ ʞ ʦɖʣʩŋʡ . (1997). ɾ ɖʟɖʑ ɖ ʪɘʦʨʝ ɖʣʃʷ ɿ ɖʛɖʒʐɖʣʜʘʌ ʨʝ ʡʜʘ ʄ .
ɼ ɖʜʨʦ ɼ . (1935). ʀ ʟʙʨ. ʩʧʮ. ɘ 2 ʪ. ʊ. 2. ʄ .-ʃ .
ɼ ʦɖʣʛʦʨɖʑʡɖʡ ɸ . ɺ . (1844) ɾ ɖɘʦʪɖʑ ʡ ɖʒ ʩɡʒ ʨɖʟɖʒ ʉ ʇ ʙ.
ɼ ʦɖʣɖɖʑɸ . ʆ ., ʄ ɖɖʣʝ ʨ-ɹ ʦʛʜʘɖʣʦɘʘɼ . ɻ . ɖ ʇ ʦɘʦʨɖɖʣʩʄɖʡ Ʒ . ɸ . (1934). ʈ ʦɖʑ ʡʦʨʳ ʛʦɖʣʦɘɖʣʦʛʦ ɖʒʦʟʛʘ
ɘ ʨʝ ʛʐɖʑʷ ʮɖɖ ʧ ʨʦʮʝ ʩʧʦɘ ʦʙɖʒ ɖʘ ɸ ʨ͞ɖɘ ʙɖʦɖʣʦʛɖʮʝ ʩʄɖ͞ ɖʘʐʡ., XXXVI, ʩʝ ʨɖʷ ɹ , ɘʳ ʧ. 1.
ɼ ʦɖʣɖɖʑɸ . ʆ . (1948). ʈ ʦɖʑ ʡʦʨʳ ʛʦɖʣʦɘɖʣʦʛʦ ɖʒʦʟʛʘɘ ʧ ʘʪʦɖʣʦʛɖʮʝ ʩʄɖ͞ ʧ ʨʦʮʝ ʩʧʘ͞ ʦʨʛʘɖʣɖʟɖʒʘ ʃ .
ɼ ʦɖʣɖɖʑɸ . ʆ , (1962). ʇ ʘʪʦɖʣʦʛɖʷ ɘʳ ʩʝ ʝ ʡ ɖʥ ʨɘɖʣʦʡ ʜʝ ʷʪʝ ɖʑ ɖʣʦʩʝɖ. ʄ .: ɺ ʳ ʩʝ ʘʷ ʰ ʡʦɖʑʘ
ɼ ʁ ʧʦʪ ɺ ɾ . (1900). ʆ ʧʳ ʪʳ ʞ ɖɘʦʪɖʣʦʛʦ ɖʒʘʛɖʥ ʪɖʟɖʒʘ ʉ ʇ ʙ.
ɽ ʨʰ ʦɘ ɭ . ɼ . ɖ ʂ ʩʝ ɖʣʦʡʨʘʪ ʦɘ ʄ . ɭ . (1935). ʆ ʨʦɖʣɖ ʧ ʩɡʃ͞ʦʛʝ ɖʣɖʡ. ʂ ʘʟʘɖʣʩʄɖʡ ɖʒ ʜ. ʞ ʐʨ.
ɾ ʘɖʥ ʇ . (1903). ɭ ʝ ɘʨʦʟʳ ɖ ʬ ɖʡʩɡʨʦɘʘɖʣɖʑ ʝ ɖʜʝ ɖ, [ʮ] 1. ʉ ʇ ʙ.
ɾ ʘɖʥ ʇ . (1913). ʇ ʩɡɖʮʝ ʩʄɖʡ ʘɘʪʦɖʒʘʪɖʟɖʒ ɺ ʡʩʧʝ ʨɖɖʒ ɖʣʦʘɖʑ ɖʣʦʝ ɖʩʝɡɖʥ ʜʦɘʘɖʣɖʝ ɖʣɖʟʰ ɖ͞ ʬ ʦʨɖʒ
ʧ ʩɡʃ͞ɖʮʝ ʩʄʦʡ ʜʝ ʷʪʝ ɖʑ ɖʣʦʩʝɖ ʮʝ ɖʣʦɘʝ ʡʘ ʉ ʇ ʙ.

ɿ ȷ dʑ dʑʠdʑɺ . ʌ ., ʂ ʘdʑdʑʘʙʠ̄ ʖ . ɺ ., ʉ ls ȷ tʃʘdʑsɘ ɂ . ɭ . ʠ ʉ lz̄ʘtɕȷ ɘfɲʄʠʡ ʃ . ʄ . (1936). ɺ dʑʠʷdʑʠȷ tʃ fɲʄ̄ʠʮȷ fɲʄtsɠts ʬʘʢlststɕʘdʑʘdʒ̄ʘdʑʠʟdʒ lsȷ tɕdʒstɕȷ ɠlzdʑʷ ʮʠʠ ʠ dʑ ʢtslststɕʳ ȷ ʬtstɕdʒʳ tsʙdʒ dʑʘ /
ʂ dʑʠdʑʠʮȷ fɲʄʘʷ dʒ ʜʠʮʠdʑʘ, ʊ. XIV.
ʀ ɘʘdʑsɘ-ʉ dʒsdʑ dʑfɲʄʠʡ ɸ . ɻ . (1952). ʆ ʮȷ tɕʢʠ tʃʘlstsʬ ʠʟʠtsdʑsɠʠʠ ɘʳ fɲ ȷ ʡ dʑ tɕɘdʑsʡ ʜȷ ʷlsȷ dʑ dʑsfɲlsʠ. ʄ .:
ʄ ȷ ʜɠʠʟ.
ʂ ʘʙʘdʑ fɲ ʆ ɢʶ fɲs ȷ dʑʠ ɭ ʘfɲʃ ȷ tsdʑʘtɕʜ (1998). ʈ ȷ ɘtsdʑ ʮʠtsdʑdʑ ʡ dʑ ɘtɕtsʟ. ʄ .
ʂ ʘdʑʜʠdʑfɲʄʠʡ ɺ . X. (1876). ɼ lzʰ ȷ ɘdʑ ȷ ˩ tʃʠʜȷ dʒʠʠ. ʉ ɂ ʙ.
ʂ ʘdʑdʑʘʙʠ̄ ʖ . ɺ . (1928). ɺ dʑlzʰ ȷ dʑʠȷ ʠ ɘdʑlzʰ ʘȷ dʒsfɲlsʳ . ɹ ʄ ʕ . ʊ. V. ʉ . 230-234.
ʂ ʘdʑdʑʘʙʠ̄ ʖ . ɺ . (1936). ʀ fɲlststɕʠʷ tʃ fɲʄ̄ʠʘlstɕʠʠ. ʉ ɂ ʙ.
ʂ ʘtɕtʃȷ dʑs ȷ tɕ ɺ . ɹ . (1886). ʆ fɲdʑsɘʘdʑʠʷ ʬʠʟʠtsdʑsɠʠʠ lzdʒʘ ʏ . 2. ʉ ɂ ʙ.
ʂ ʘtɕtʃȷ dʑs ȷ tɕ ɺ . ɹ . (1887). ʆ fɲdʑsɘʘdʑʠʷ ʬʠʟʠtsdʑsɠʠʠ lzdʒʘ ʏ . 1ð 2. ʉ ɂ ʙ.
ʂ ʘtɕtʃȷ dʑs ȷ tɕ ɺ . ɹ . (1878). ʄ ȷ fɲdʒ tɕʠʟdʒ tsʜʠdʑʠʟdʒ fɲlstsdʑsɘȷ tɕʮȷ dʑʠȷ ʠ fɲtʃʠtɕʠlsʠʟdʒ ʉ ɂ ʙ.
ʂ ʘtɕls ʘdʒʳ ʰ ȷ ɘ ɸ . ʀ . (1941). ɺ dʑʠʷdʑʠȷ ˩ dʒsʮʠtsdʑʘdʑ dʑ ̄ tʃȷ tɕȷ ʞ ʠɘʘdʑʠʡ ɘ ɠʠtʃdʑsʟȷ dʑʘʢtsdʑʠʮȷ fɲlsɘts fɲʘ̄ʘtɕʘɘ ʢtsʞ ȷ . ð ɺ ʢdʑ: ɺ tstʃtɕtsfɲ ʜȷ tɕdʒʘlstsdʑsɠʠʠ ʠ ɘȷ dʑ tɕtsdʑsɠʠʠ. ʊ. 2. ʊ ʬʘ
ʂ ʘtɕls ʘdʒʳ ʰ ȷ ɘ ɸ . ʀ . (1953). ɻ ʠtʃdʑsʟ ʠ ɘdʑlzʰ ȷ dʑʠȷ ɘ lsȷ tɕʘtʃʠʠ ʢtsʞ dʑ ̄ ʙtsdʑ ʟdʑ ʡ. ʄ .: ʄ ȷ ʜɠʠʟ.
ʂ ȷ ʜtɕtsɘ ɹ . (1987). ʆ lsɘtstɕʮȷ fɲlsɘȷ ɘ dʑʘlzʢȷ ʠ lsȷ ̄dʑʠʢȷ . ʄ .
ʂ tsdʑfɲls tstɕlzdʒ ʉ . ʀ . (1962). ʆ tʃʳ ls tʃtɕʘʢlsʠʮȷ fɲʄtsʡ tʃ fɲʄ̄tslsȷ tɕʘtʃʠʠ // ʊtɕlzʜʳ ɻ tsfɲlzʜʘtɕfɲlsɘȷ dʑdʑsɠts dʑʘlzʮdʑs-ʠfɲfɲdʑ ʜtsɘʘlsȷ dʑ fɲʄtsɠts ʠdʑfɲlsʠlslzlsʘtʃ fɲʄ̄tslsȷ tɕʘtʃʠʠ, 21.
ʂ tɕʘʬ ls -ʕ ʙʠdʑɠ ʈ . (1889). ʕ ʢfɲtʃȷ tɕʠdʒ dʑsʘdʑ dʑ ȷ ʠfɲfɲdʑ ʜtsɘʘdʑʠʷ ɘ tsʙdʑʘfɲlsʠ ɠʠtʃdʑslsʠʟdʒʘ ʉ ɂ ʙ.
ʂ tɕʘʬ ls -ʕ ʙʠdʑɠ. (1893). ɻ ʠtʃdʑslsʠʮȷ fɲʄʠȷ tstʃʳ lsʳ . ʉ ɂ ʙ.
ʂ tɕtsdʑʬ ȷ dʑ ʜ ɸ. (1927). ɻ ʠtʃdʑsʟ ʠ ɘdʑlzʰ ȷ dʑʠȷ . ʄ ; ʃ .: ɻ tsfɲʄʟʜʘls.
ʂ tɕʶ dʑȷ dʑ ɸ . ɸ. (1932). ʂ dʑʠdʑʠʮȷ fɲʄʘʷ dʒ ʜʠʮʠdʑʘ, ʞ lztɕ. ʊ. X. ɺ ʳ tʃ. 17-18.
ʂ ʶ dʑdʑ tɕ ɸ. (1892). ʄ ʘɠdʑ lsʠʟdʒʠ ɠʠtʃdʑslsʠʟdʒ ʉ ɂ ʙ.
ʃ ʘʟlztɕfɲʄʠʡ ɸ . ʌ . (1900). ʆ ɘdʑʠʷdʑʠʠ ɘdʑlzʰ ȷ dʑdʑ ̄ ɘ ɠʠtʃdʑsʟȷ ʮlzɘfɲlsɘtsɘʘdʑʠʡ dʑʘtʃlzdʑ fɲʠ ʜʳ ̄ʘdʑʠȷ .
ð ʀ ʟʜ. ɺ tsȷ dʑ-dʒ ʜ. ʘʢʘʜ., ʊ. 1, ¯ 4. ʉ . 331-349.
ʃ ʘtʃdʑʘfɲɂ ˩ ȷ tɕ ʉ ʠdʒsdʑ (1982). ʀ ʟdʑsʞ ȷ dʑʠȷ fɲʄfɲlsȷ dʒʳ dʒʠtɕʘ ʃ .
ʃ ȷ ʙtsdʑɻ . (1896). ɂ fɲʄ̄tsdʑsɠʠʷ dʑʘtɕtsʜtsɘ ʠ dʒʘfɲfɲ ʉ ɂ ʙ.
ʃ ȷ ɘȷ dʑɺ . ɻ . (1959). ɂ tɕtsʙdʑ dʒʘdʒʘlsȷ tɕʠʠ lz ʊȷ tsʬ tɕʘfɲlsʘ ɂ .: çʌ ɭ è, ¯ 3.

ʃ ȷʢʨʦdʑ . ʄ . (1992). ɼ ʦʙʨʘʷ fɲʆdʑʘ ʄ .
ʃ ʸɘȷ dʑʬ ȷ dʑ ʜʃ . (1903). ɻ ɖʧdʑʪɖʟdʒ ʉꞁ ʙ.
ʃ ʸɘȷ dʑʬ ȷ dʑ ʜ ʃ . (1909). ʉ ʦdʒdʑʘdʒʙ ʑdʑɖʟdʒɖ ɖfɲʑfɲʪɘʦ. ʄ .
ʃ ʸɘȷ dʑʬ ȷ dʑ ʜʃ . (1929). ɻ ɖʧdʑʦʟ ɖ ȷ ɢʦ ʪȷ꞊dʑʢʘ ʉꞁ ʙ.
ʃ ȷʡʙdʑɖɥɻ . (1936). ʅ ʦɘʳ ȷ ʦʧʳ ʪʳ ʦ ʮȷ dʑʦɘȷ ʮȷ fɲʦdʒʨʘʟʑdʒȷ . ʄ .-ʃ .:
ʃ ɖdʑȷɥʢɖʡ ʄ . ʃ . (1957). ʆ dʑȷʢʦʪʦʦʨʳ ꞊ dʑȷʡʨʦʜɖdʑʘdʒɖʮȷ fɲɖ꞊ ʟʘʢʦdʑʦdʒȷ ʨdʑʦfɲʪʷ꞊ ɘdʑɖʷdʑɖʷ ʑfɲdʑʦɘdʑʦ-ʨȷ ʮȷ ɘʳ ꞊ ʨʘʟʜʨʘʞ ɖʪȷ dʑȷʡ dʑʘdʒʳ ʰ ȷ ʮdʑʑʶ ʨʘʙʦʪʦfɲʧʦfɲʦʙ dʑʦfɲʪᴵ ɘ ʑfɲdʑʦɘɖʷ꞊ ɢɖʧdʑʦfɲʑʪɢȷ fɲʪɖɖ. ð ɺ ʢdʑ: ɺ ʦʧʨʦfɲ ɢɖɢɖȷ dʑʳ ɖʬɖʟɖʦdʑʦɢɖɖ ʪʨdʑʜʘɘ ʑɢʦdʑ dʑʦʡ ʧʨʦdʒʳ ʰ dʑȷ dʑdʑʦfɲʪɖ. ʉ ʪʘdʑɖdʑʦ, 1957. ʊ. 5.
ʃ ɖʧȷ ʨʈ . ʋ . (1984). ʄ ʦʪɖɘʘɥɖʦdʑdʑʘʷ ʪȷ ʦʨɖʷ ꞁ dʒʦɥɖʡ // ꞁ fɲʆ꞊ʦdʑʦɢɖʷ ꞁ dʒʦɥɖʡ: ʊȷ fɲʪʳ . ʄ .: ʀ ʟʜ-ɘʦ ʄ ɻʋ .
ʃ ʦʟʘdʑʦɘ ɻ . ʂ . (1959). ʉ ʑɢɢȷ fɲʪʦdʑʦɢɖʷ ɖ fɲʑɢɢȷ fɲʪʦʧȷ ʜɖʷ. ɸ ɘʪʦʨȷ ʬ. ʜʦʢʪ. ʜɖfɲ ʉ ʦʬɖʷ.
ʃ ʦdʒʙʨʦʟʦ ʏ . (1892). ɻ ȷ dʑɖʡ ɖ ʧʦdʒȷ ʰ ʘʪȷ dʑ fɲʪɘʦ. ʉꞁ ʙ.
ʃ ʑʨɖʷ ɸ. ʈ . (1970). ʄ ʘdʑȷ dʑ ʢʘʷ ʢdʑɖʞ ʢʘʦ ʙʦdʑ ʰ ʦʡ ʧʘdʒʷʪɖ. ʄ .
ʃ ɹ ʶ ɖfɲɼ . ɻ . (1876). ʌ ɖʟɖʦdʑʦɢɖʷ ʦʙʳ ʜȷ dʑdʑʦʡ ʞ ɖʟdʑɖ. ɺ 2 ʪ. ʄ .
ʃ ʶ ʙɖdʒʦɘ ɸ. ɸ. (1894) ꞁ ʨʦʬȷ fɲʧʦʨʐ ʘʨʢʦ. ʉꞁ ʙ.
ʄ ʘʡʦʨʦɘ ʌ . ꞁ . ɖ ʉ ʑfɲdʑʦɘʘʄ . ʄ . (1947). ɻ ɖʧdʑʦʪɖʮȷ fɲɖȷ ʦʧʳ ʪʳ fɲɘdʑʑʰ ȷ dʑdʑ dʒɖ ɘʦʟʨʘfɲʪʘdʒɖ // ʈ ȷʬȷ ʨʘʪʳ dʑʘʑʮdʑʦ-ɖfɲʆdʑȷ ʜʦɘʘʪȷ dʑ fɲɖ꞊ ʨʘʙʦʪ ʟʘ1946 ɢ., ɘʳ ʧ. 1. ʄ ., 1947.
ʄ ʘʡʦʨʦɘ ʌ . ꞁ . (1950). ʆ ʬ ɖʟɖʦdʑʦɢɖʮȷ fɲʦʡ ꞊ʘʨʘʢʪȷ ʨɖfɲʪɖʢȷ fɲʦdʒdʑʘdʒʙʑdʑɖʮȷ fɲʦʡ ʬʘʟʳ ɢɖʧdʑʦʟʘ/ ʌ ɖʟɖʦdʑʦɢɖʮȷ fɲɖʡ ʞ ʑʨdʑʘdʑʉ ʉ ʉ ʈ , 1950. ʊ. XXXIV, ɘ. 6.
ʄ ʘʨȷ dʑdʑꞁ ʦdʑ . (1899). ɻ ɖʧdʑʦʪɖʟdʒɘ ʪȷ ʦʨɖɖ ɖ dʑʘʧ ʨʘʢʪɖʢȷ . ʉꞁ ʙ. (ɖdʑɖ Bibliotlmque choisie de Mftdecine, t. VI, p. 84).
ʄ ʘʨȷ dʑɖdʑʘɸ. ʀ . (1952). ʢ dʑȷ ʢʪʨʦꞁ dʑʮȷ ʬ ʘdʑʦɢʨʘʬ ɖʮȷ fɲɖȷ ɖfɲʆdʑȷ ʜʦɘʘdʑɖʷ ȷ fɲʪȷ fɲʪɘȷ dʑdʑʦɢʦ ɖ ɢɖʧdʑʦʪɖʮȷ fɲʦɢʦ fɲdʑʘʮȷ dʑʦɘȷ ʢʘ ð ɺ ʢdʑ: ʊʨdʑʜʳ ʀ dʑʪʘʬ ɖʟɖʦdʑʦɢɖɖ ɖdʒ ʀ . ꞁ . ꞁ ʘdʑʦɘʘ ʄ .: ʄ ȷ ʜɢɖʟ.
ʄ ʘʨȷ dʑɖdʑʘɸ. ʀ . (1952). ʀ fɲʆdʑȷ ʜʦɘʘdʑɖȷ fɲdʑʘdʑʘʨʢʦdʑȷ ʧʪɖʢʦɘ dʒȷ ʪʦʜʦdʒꞁ dʑȷ ʢʪʨʦꞁ dʑʮȷ ʬ ʘdʑʦɢʨʘʬ ɖɖ. / ɾ ʑʨdʑɘʳ fɲ . dʑȷ ʨɘ, ʜȷ ʷʪ., ¯ 2.
ʄ ʘʨȷ dʑɖdʑʘɸ. ʀ . (1956). ʀ ʟdʒȷ dʑȷ dʑɖȷ ʧʦʪȷ dʑʞɖʘdʑʦɘ ɢʦdʑʦɘdʑʦɢʦ dʒʦʟɢʘʧ ʨɖ ʨʘʟdʑɖʮdʑ ꞊ ʬ ʘʟʘ꞊ ɢɖʧdʑʦʟʘʑ ʮȷ dʑʦɘȷ ʢʘ ð ɺ ʢdʑ: ʊʨdʑʜʳ ʀ dʑʪʘʬ ɖʟɖʦdʑʦɢɖɖ ɖdʒ ʀ . ꞁ . ꞁ ʘdʑʦɘʘ ʄ .;ʃ .: ʀ ʟʜ-ɘʦ ɸʄ ʅ ʉʉʉʈ , 1956. ʊ. 5.
ʄ ȷ ɢʨʘʙ ʷdʑɸ. ɸ. (1972). ʆ ʙʱ ʘʷ ʧfɲʆ꞊ʦʧʘʪʦdʑʦɢɖʷ. ʄ ȷ ʜɖɥɖdʑʘ ʄ .
ʄ ȷʡȷ ʨɻ . ʌ . (1764). ʆ ʧʳ ʪʦ dʑdʑdʑʘʪɖʢʘ꞊. ʄ .: ʀ ʟʜ-ɘʦ ʄ ʦfɲ. ʑdʑʪʘ
ʄ ȷ dʑɖdʑʐ . (1962). ʄ ʦʙɖ ɼ ɖʢ. ʄ .: ɻ ȷ ʦɢʨʘʬ ɖʟʜʘʪ.

ʆ ʠ꞊ʘʠʤʐɿ tsʡʬ ʝ ls

ʇ tsʜʲ ʷʧtsʤ fɲʆʠʡ ʇ . ʇ . (1903). ɹ tsʤʜʳ tɕ tsls ʤʒʥʆʤʒsɢts tsʞ tsɢʘ, ʧtɕʆʮʠʆʥʥʤ ʡ fɲʥtsəʝ fɲʤ ʤʒ əʤʐʰ ʝʥʆʝʤʒə fɲsfɲstsʷʥʆʠ ʠfɲʆʐfɲfɲsəʝʥʥsɢts fɲʥʘ // ʊ tɕʤʜʳ ʉ ʘtɕʘlstsə, tsʙʱ ʝfɲsəʘ ʝfɲsʝ fɲsətsʠfɲʧʳ lsʘsʝ ʥʡ, 1903-1904. ʊ. 4. ɹʳ ʧ. 3.

ʇ tsʜʲ ʷʧtsʤ fɲʆʠʡ ʇ . ʇ . (1905). ɹ ʝ fɲʜʳ ts ɢʠʧʥslsʠʟʤʒʝ . ʉ ʘtɕʘlstsə.

ʇ tsʜʲ ʷʧtsʤ fɲʆʠʡ ʇ . ʇ . (1909). ʆ əʘʟtsʤʒslststɕʤ ꞊ tɕʘfɲfɲstɕtsʡ fɲsəʘ꞊, əʳ ʟʳ əʘʝ ʤʒ ꞊ ɢʠʧʥslsʠʮʝ fɲʆʠʤʒ əʤʐʰ ʝʥʆʝʤʒ / ɾ ʐtɕʤ ʥʝ ətɕtsʧʘlstsʥsɢʠʠ ʠ ʧ fɲʠ꞊ʠʘlstɕʠʠ ʠʤʒ ʉ . ʉ . ʂ tstɕfɲʘʡtsəʘ, ¯ 9, əʳ ʧ. 1ð 2.

ʇ tsʜʲ ʷʧtsʤ fɲʆʠʡ ʇ . ʇ . (1915) ʉ ʤʐʮʘʠ ʧtɕʆʤʒʝ ʥʝ ʥʆʷ ɢʠʧʥslsʠʮʝ fɲʆtsɢts əʤʐʰ ʝʥʆʷ ə ʤʘʟʘtɕʝ lsʤsʡ ʧtɕʘʡlsʠʡʝ. / ɾ ʐtɕʤ ʥʝ ətɕtsʧʘlstsʥsɢʠʠ ʠ ʧ fɲʠ꞊ʠʘlstɕʠʠ ʠʤʒ ʉ . ʉ . ʂ tstɕfɲʘʡtsəʘ, 1915, əʳ ʧ. 2.

ʇ tsfɲs tsʤ ʥʆʡɻ. ʉ. (1928). ʈ tsʜʳ ʙʝʟ ʧtɕʝʜəʘtɕʆlsʝ ʤ ʥsʡ ʧtsʜɢtslstsəʡʠ // ʊ tɕʤʜʳ VIII ɹ fɲʝ fɲsʶ ʟʥsɢts ʘʡʐʰ ʝtɕfɲʆts-ɢʠʥʝʡtsʥsɢʠʮʝ fɲʆtsɢts fɲʝ ʝʟʜʘ ʂ ʠʝə.

ʇ tsfɲs tsʤ ʥʆʡɻ. ʉ. (1930). ʆ ʧʳ lsʳ ʧtɕʆʤʒʝ ʥʝ ʥʆʷ ɢʠʧʥsʟʘʠ əʤʐʰ ʝʥʆʷ ʧtɕʆ tɕtsʜʘ꞊. / ɾ ʐtɕʤʘʤ ʘʡʐʰ ʝtɕfɲsəʘʠ ʞʝʥfɲʆʠ꞊ ʙtsʥʝʟʥʝʡ. 1930, ¯ 1.

ʈ ʘʡʡtsə ɹ. ʃ. (1982). ɻ ʠʧʥslsʠʮʝ fɲʆtsʝ fɲsfɲstsʷʥʆʝ fɲsʟʥʘʥʆʷ ʡʘʡ ʬ tstɕʤʒʘʧ fɲʠ꞊ʠʮʝ fɲʆtsɢts tslstɕʘʞʝʥʆʷ / ʇ fɲʠ꞊tsʥsɢʠʮʝ fɲʆʠʡ ʞ ʐtɕʥʘʥ, 1982. ʊ. 3. ¯ 4.

ʈ ʘʡʡtsə ɹ. ʃ. (1998). ɹ ʠtsᶦ ətsʤ ʮʠʷ ʠ fɲsəʝtɕʰ ʝʥfɲsətsəʘʥʆʝ ʮʝʥsəʝʡʘ ɻ ʠʧʥsʟ, fɲsʟʥʘʥʆʝ, lsətstɕʮʝ fɲsəts, ʠfɲʆʐfɲfɲsəts. ʆ .

ʈ ʠʙts ʊ. (1886). ɹ tsʥʝʟʥʆ ʥʆʮʥsfɲsʠ. ʉ ʇ ʙ.

ʈ ʠʙts ʊ. (1901). ʊətstɕʮʝ fɲʆtsʝ ətstsʙtɕʘʞʝʥʆʝ. ʉ ʇ ʙ.

ʈ ʠʰ ʝ ɿ . (1885) ʉ tsʤʒʥʘʤʒʙʐʥʆʟʤʒ ʜʝ ʤʒsʥʆʟʤʒʠ ʷʜʳ ʠʥsʝ ʥʥʝ ʡlsʘ ʉ ʇ ʙ.

ʈ tsʞ ʥsə ɹ. ɼ. (1973). ɻ ʠʧʥsʟ ʡʘʡ ʤʒʝ lstsʜ ʠʟʐʮʝ ʥʆʷ ʙʝ fɲfɲsʟʥʘsʝ ʤ ʥsɢts // ʊʝ ʟʠfɲʝ ʜtsʡʤʘʜʘ ʡtsʥʬ ʝtɕʝ ʥɻʠʠ ʧts ʧ fɲʠ꞊tslsʝ tɕʘʧ ʠʠ. ʆ ., 1973.

ʈ tsʞ ʥsə ɹ. ɼ. (1979). ʈ ʐʡtsətsʜfɲsəts ʧts ʧ fɲʠ꞊tslsʝ tɕʘʧ ʠʠ. ʀ ʟʜ. ʇ ., ʊʘʰ ʡʝ ʥs. ʆ ʝʜʠʮʠʥʘ.

ʈ tsʞ ʥsə ɹ., ʈ tsʞ ʥsəʘʆ . (1987). ɻ ʠʧʥsʟ tsls ʜtɕʝ əʥsfɲsʠ ʜts ʥʘʰ ʠ꞊ ʜʥʝʡ. ʆ .: ʉ tsəʝ lsfɲʆʘʷ ʈ tsfɲfɲʠʷ.

ʈ tsʞ ʥsə ɹ. ɼ. (1989). ʈ ʐʡtsətsʜfɲsəts ʧts ʧ fɲʠ꞊tslsʝ tɕʘʧ ʠʠ. ʀ ʟʜ. III., ʊʘʰ ʡʝ ʥs. ʆ ʝʜʠʮʠʥʘ.

ʈ tsls ʝ ʥʙʝ tɕɢ ɹ. ʉ. (1985). ɻ ʠʧʥsʟ ʠ tsʙtɕʘʟʥsʝ ʤʒʳ ʰ ʥʝ ʥʆʝ / ʇ fɲʠ꞊tsʥsɢʠʮʝ fɲʆʠʡ ʞ ʐtɕʥʘʥ. ʊ. 6, ¯ 2.

ʈ ʐfɲfɲs ɾ . (1935). ʀ fɲʧtsəʝ ʜᶦ. ʊ. 1. ʆ .

ʈ ʳ ʙʘʥʡʠʥɕ. ɹ. (1890). ʆ ʧʳ ls əʳ ʟʳ əʘʥʆʷ ʧʐʟʳ tɕʷ ʥʘʡtsʞ ʝ ʧʐlsʝ ʤʒɢʠʧʥslsʠʮʝ fɲʆtsɢts əʤʐʰ ʝʥʆʷ. / ɻ ʘʟʝ lsʘɹ tslsʡʠʥʘ, ¯ 2.

ʉ ɘʷʜʦʱ ɸ. ʄ . (1971). ɸ ʫlʦʦfŋʫɢɢʄ fŋʆsɖʷ ɖ ʝ ʝ dʑ ʮʝ ʙdʑsʝ ʧtɕɖdʒʝ dʑ dʑɖʝ .ð ɺ ʢdʑ: 1-ʡ ʃ ʝ ʞ ʜʫdʑʘtɕʦʜdʑ ʡ
fŋɖdʒʧʦʟɖʫdʒʧʦ ʧtɕʦʙdʑ dʒ fŋʫɢɢʄ fŋʆʦdʑsɢɖɖ. ɺ ʘtɕdʑʘ 5ð 10 ɖʶ dʑʷ.
ʉ ʝ ʮʝ dʑsɘ ʀ . ʄ . (1961). ʈ ʝ ʬ dʑ ʢfŋ ɢʦdʑsɘdʑsɢʦ dʒsʟɢʘ ʃ .: ʀ ʟʜ. ɸ ɭ ʉ ʉ ʉ ʈ .
ʉ ʸ dʑdʑɖɼ ʞ , (1895). ɻ ʝ dʑɖʘdʑ dʑsfŋʆsᴵ ɖ ʧʦdʒʝ ʰ ʘsʝ dʑ fŋʆsɘʦ. ʉ ɿ ʙ.
ʉ ɖʜɖfŋɹ . (1902). ɿ fŋɖ‾ʦdʑsɢɖʷ ɘdʑʫʰ ʝ dʑɖʷ. ʉ ɿ ʙ.
ʉ ɖdʒsdʑsɘ ɿ . ɺ ., ɼ tɕʰ ʦɘ ɿ . ʄ . (1984). ʊ ʝ dʒʃ ʝ tɕʘdʒ dʑs. ʍʘtɕʘʢlsʝ tɕ ʃ ɖʮdʑsfŋʆsᴵ . ʃ .: ɭ ʘʫʢʘ
ʉ dʑʦʙʦʜʷdʑɖʢɸ. ɿ . (1963). ɿ fŋɖ‾ʦlsʝ tɕʘʃɖʷ, ɘdʑʫʰ ʝ dʑɖʝ , ɢɖʧdʑsʟ. ʀ ʟʜ. 3., ʂ ɖʝ ɘ.
ʉ dʒɖtɕdʑsɘ ɼ . ɸ. (1917). ʆ ɘdʑɖʷdʑɖɖ ɢɖʧdʑslsɖʮʝ fŋʦɢʦ ɘdʑʫʰ ʝ dʑɖʷ ɘ fŋdʑʫʮʘʷ‾ ʢʦdʒʙɖdʑʘʮɖɖ
ʦtɕɢʘdʑɖʮʝ fŋʦɢʦ ɖ ʬ ʫdʑʮɖʦdʑʘdʑ dʑsɢʦ. / ʃ ʝ ʜɖʮɖdʑfŋʦʝ ʦʙʦʟtɕʝ dʑɖʝ , 1917, ¯ 1.
ʉ ʦʢʦdʑsɘ ɺ , ɺ . (1979). ʉ tɕʝ ʜdʑ ɘʝ ʢʦɘʘʷ ʬ ɖdʑsfŋʆsʬ ɖʷ. ʃ .
ʉ ʧɖdʑsʟʘɹ . (1932). ʕ lsɖʢʘ ʃ .: ɭ ʘʫʢʘ
ʉ tɕʝ ʟdʑ ɘfŋɖʡ ɺ . ɺ . (1926). ɻ ɖʧdʑsʟ ɖ ɘdʑʫʰ ʝ dʑɖʝ . ʃ .
ʉ ls ʘdʑɖfŋdʑʘɘfŋɖʡ ʂ . ʉ . (1957). ʉ ʦʙtɕ fŋʆsʮ. ʊ. 2.
ʉ ʫdʒʙʘʝ ɘ ʀ . ʉ . (1928). ʂ ɘʦʧtɕʦfŋʫ ʦ ɘʘʟʦdʒslʦʦtɕdʑ ‾ tɕʘfŋʆsʦtɕʦʡ fŋʆsɘʘ‾, ɘʳ ʟʳ ɘʘʝ dʒʳ ‾ ɢɖʧdʑslsɖʮʝ fŋɖdʒ
ɘdʑʫʰ ʝ dʑɖʝ dʒ // ʉ ɖʙɖtɕfŋɖʡ ʘtɕ‾ɖɘ lsʝ ʦtɕʝ lsɖʮʝ fŋʦʡ ɖ ʢdʑɖdʑɖʮʝ fŋʦʡ dʒʝ ʜɖʮɖdʑ , ¯ 4.
ʉ ʫdʒʙʘʝ ɘ ʀ . ʉ . (1946). ʂ lsʝ ʦtɕɖɖ ɖ ʧtɕʘʢlsɖʢʝ ʧfŋɖ‾ʦlsʝ tɕʘʃɖɖ. ʀ tɕʢʫlsfŋ.
ʊʘtɕʜɻ . (1893). ʅ ʘʢʦdʑ ʧʦʜtɕʘʞ ʘdʑɖʷ, ɢdʑ III. ʏ lʦʦ lsʘʢʦʝ ʦʙʱ ʝ fŋʆsɘʦ? ʉ ɿ ʙ.
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ʜʫʰ ʝ ɘdʑʦʙʦdʑ dʑ ‾. / ɭ ʝ ɘtɕʦʧʘlʦdʑsɢɖʷ ɖ ʧfŋɖ‾ɖʘlstɕɖʷ, 1938. ɺ ʳ ʧ. 11.
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ɸ ɔslstɑj ʷ j tɑɔ̃slsʜɑ̃fɳɲj tɑɔslsɔʋɑ̃ɑ̃ɑ̃ ɑʑɔfɳtsɑ̃fɳʂɔ̃ɑʑʃj lzʋj ɑʑsʔ fɳsj tʃ j ɑʑʃ ʂ. tʃ . ɑʐ. (tʃts tʃ fɳɑ̃ɔ̃tsɑʑsɢɑ̃ɑ̃). ʃ j ɑʑʃɑʑʃɢtɑɔ̃ʜ.

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