



m`m` c` jvf c0uqvTK m`tni tPvL t`tLb| Zv`i gZ, Pvi `j xq tRvUi 5%-tekx tfvUtk RvZxq msmt` 300 Avmtb Ggbfvte fVM Kiv hvZ tRvU msmt` 215uU Avmb jvf Kti Zv tKvb cKvfi `vfweK NUbv bq| AtbtK ZvB cwi nvm Kti etj tQb, Ggbfvte tfvU wefvRb Kitz cwi msL`v`bi RbK wdkvitiKI AtbK teM tctZ nZv| GKwU bxj bKkv Abhvqx QK Kti me wKQy Kiv ntqtQ etj aiYv Kiv nq| weP`bi dj tNvIYvi mt1/2-m1/2 mwnsmZv Ges AvmugYi bZb So l`v| nZ`v, Lp, RLg, al`Yi gvIv ep` cvq| emo-Ni j`Eb Ges AvMmsthvMi NUbv Avtiv e`vcKZv jvf Kti| dtj t`kRfo gvbeZvi wei`tx Ggb RNB` Aciva msNuUZ ntjv, hvi Zj bv Pij GKvE`ii gY`h` PjvKvtj cvK nvr`vi ewnbxi bmskZvi mt1/2| tKb Ggb ntjv tm-intm`i D`NvUb AZ`S`-`jfn| KviY Gi cte`G aitbi Acivtai thme NUbv msNuUZ ntqtQ Zvi MwZcKwZ wQj m`uY`wfbq t`kevmxi cZ`vkv wQj GZ wecj weRtqi ci Pvi `j xq tRvU wePbvcnZ Ges mnbkxj AvPiYB Kite| wKŠ` ev`te hv NUj Zv cZ`vkv m`uY`wecixZ| weRqx tRvUi gvbeZvmetivax KvRtK wbtav`3 `wofwzi Avtj vtK e`vL`v Kiv thZ cvti |

Pvi `j xq tRvU RvZxq msmt` c0q Pvi-c`Agvsk Avmb jvf thgb AvZ`v`v wVK Zvi weciXZ wevRZ`tj i mt1/2 Zv`i ccj vi tfvU mvgv` e`eavb (5 kZvsk) Zv`i tK Kti tQ kw4Z| Zv`i AtbtKi gtb cKae- tRvU Kti, cKvmtbi c0tvcIKZv tctq Ges gvbtI i `lgZvmetivax gtbvfvTK KvRj vM`tqI Zviv gvI 5% tfvU tewk tcj | GZ Kg tfvU wbtq weRqtK mwnsnZ Kiv hvte bv etj Zv`i AtbtKi gtb Avk4vi Rb` nq| G aviYv t`tK c0Zwmsmvi ekeZ`ntq Zviv ivR`wZK c0Zc`l Ges msL`vj Nf`i nZ`v, al`Y, mwnsm AvmugY, emo-Ni j`jcvU l AvMmsthvMi gva`tg I`v`mi ivRZ; Kvtag Kti| Gme RNB` NUbvq kZ-kZ tjvK wbnZ l AvnZ ntqtQ, awl`Z ntqtQ mnmtaK gwnjv hvi gta` itqtQ Ac0B eq`x tgq t`tK exv ch`st gvbeZvi wei`tx G Aciva t`tg tbB, Pj tQ Aveivg| G AgvweK AvPiYi D`I`k` wQj `wU| [1] wevRZ`i gtbvej tK weaY`-Kiv; Ges [2] wecj msL`vq msL`vj Nf`i t`kZ`v`M eva` Kiv|

tRvU tbZviv Zv`i G `B j`l` AR`b m`lg ntj t`tki me`nr ivR`wZK `j Avl qvqx j`M`K mvgZfvte `lgZvi evBti ivL`Z m`lg nte Ges Zviv Ae`vnZfvte `lgZvq `vKtZ cvite| Gme NUbvq bM` c0Bi gta` `vKtQ `vei-A`vei m`uWZ `Lj, Ges al`Yi gva`tg cvkweK Kvgbv ciY| j`j, AvMmsthvM, nZ`v, RLtgi gva`tg M0tgi ci M0g DRvo Kivi Rb` GK tkYxi tjvKi weKZ gvbwKZvi Kg `vqx bq| tRvU miKviti tbZe,` hviv G aYsmh`A Ask wbt`Q Zviv Ges Zv`i ce`v`iv 30 eQi cte`civRq eiY Kitz eva` ntqvQj `vaxbZvKvgx exi gY`3thv`v`i woku| AvR 30 eQi ci tmB me `vaxbZvmetivax, hYvcivaxB c0Ztkva wbt`Q gY`3thv`v Ges Zv`i eskait`i Dci| G bksmZvi Rb` gvbtI t`QvPvix l AZ`vPvix gtbvfvel Kg `vqx bq, hvi D`j tK`i tQb Be`b Lvj`p (1332-1406 wL`), 0t`QvPvii Zv l AZ`vPi gvbtI i mnRvZ c0wE0| Dbq`bi t`q`I c0v`c`Zvl gvbevaKvi j`Ntbi t`q`I tK c0Z` Kti| A`wZK c0`c`Zv Ggb Ae`vi mY0 Kti hvZ wmwfj tmvmbwU i mt1/2 ivt0f msjvtci c\_ i`x nq| G e`e`v`i ay0c0Z`KtK wbtRi Rb`0 gvbwKZvi Rb` t`q bv; Gi mt1/2 gvbevaKvi i`lv AvBtbi c0qvm Ges wePvi e`e`vtKI mgfvte evavM0`-Kti |

wekRfoB gvbevaKviti eZ0vb Ae`v mt`sh RbK bq| BDt`vc, Gnkqv Ges AvwdKvi t`kmgatK m`sym M0m Kti tQ| kxZj h`xi Aemv`bi ci AvR th msKU-msNvZ t`Lv w`tqtQ Zv m`c0B `vaxbZvi dj bq| G msNvtZi KviY AZxtZi AZ`vPi, wbcxob, t`lvf, we`lvf Ges c0Zwmsm| t`tk-t`tk Ges gvbtI-gvbtI th AmgZv Mto DVtQ, thgb Kti cwi t`tki wech0 NUtQ, tQvU At`j c0j b l e`envi ep` cvt`Q, ZvtZ mgvR l mF`Zv thme gj`tev`tai Dci wbf`kxj, tm`w AvR me`vstmi g`L| mgvR t`lvf, Amt`sh Ges msNvZ mY0 nt`Q| Gme msNvtZi AvcvZ KviY ntjv ag`ekvtmi wfbzv l RvwZMZ we`0l | G mKj msKtUi KviY kZ-mnm`GgbwK j`l-j`l gvbtI



G cwi\_extK i ƒvi j ƒi cōZw bvMwi K `wqZkxj AvPiY Ki t j B wecbogvbeZv gw<sup>3</sup> cvte | cōZ`K wekpevx tōj-cōZ cōZōvq AvZwb tqvM Ki t j B wekkwš, b`vq-bxwZ cōZōv mæci nte | GRb` Avgv` i cōZ`K t K Ōkw<sup>3</sup> i h<sup>3</sup> i Ō (logic of force) cwi etZ`Ōb`vqbxwZ h<sup>3</sup> i Ō (logic of reason) cōZōvq wbtqvM RZ n t Z nte | cig t Zi cōZ k`v kxj n l qv Acwi nvh<sup>9</sup> kw<sup>3</sup> cōqv t Mi Ges eva`ev` KZvi gva`tg Kg<sup>9</sup> m`úv` t bi gvbwmKZv t K ` t i Qto t dt j Avgv` i AvPvi -AvPi t Y e`vcK I , YMZ cwi eZ<sup>9</sup> Avb t Z nte | Gfv t eB mšym n v b v n b i cwi etZ`kwš t ms`wZ cōZōv mæ nte | kwš t ms`wZ m j o t Z w k ƒv w t k l f w g K v c v j b K i t Z c v t i | R x e t b i c Ō i t a c w k i t i g t b k w š - l A w n s m v i e x R e c Y K i v t M t j R x e t b i c Ō B g U v B g e v t k Ō m g t q G i d j c v l q v h t e G e s m g v t R c Ō Z w Ō Z n t e b ` v q b x w Z I k w š t g j ` t e v a | e t q v e x i m t 1 / 2 g y b e - g t b i M w Z c k w Z c w i e w Z e n q | w k š ` k k e t \_ t K G K w U w b w ` Ō g j ` t e v a t K j v j b K t i t h w k i e o n q , Z v i k v i w i K c w i e Z e v i f c v š t N U t j I , Z v i t P Z b v , A v ` k Ō g j ` t e v a c w i e w Z e n q b v | t m Z v i A w ` t Z I t k w Y t Z R x e t b i c Ō i t a c D B t e v a t K B a v i Y I j v j b K t i |

wektqb cōqv i g j K \_ v n t j v t Q v U n t q A v m v c w \_ e x t Z w e k p e w Y R ` G K m t i M u \_ v G e s e ` w <sup>3</sup> - D t ` v t M i g v a ` t g A \_ Ō w Z i c p i ` x v i K i v | G e ` e ` v q i v t o i f w g K v b Z b f v t e w b w ` Ō w k s e v t g š j j K g v b e w a K v i m s i ƒ i t Y m n v q K f w g K v c v j b K t i b v | G c Ō v q v q t ` t k i A \_ Ō w Z i m s ` v i m v a t b i g v a ` t g b e c Ō Z w Ō Z A \_ Ō w Z i m t 1 / 2 m v g w i R K m a u K m v a t b i t h t P o v K i v n q , Z v n t j v D r c v ` t b i A v š R w Z K g v b I b x w Z g j v , c y R i c Ō Z ` v b G e s c Ō Z t h w M Z v g j K g j ` t e v a c Ō ` ƒ i e v c t i v ƒ i f v t e A v g v ` i A t b K c t i v t b v m v g w i R K g j ` t e v a t K ƒ i w Z M Ō - K t i | w e k t q b c Ō v q v m a u v ` b t K G g b f v t e w i w U w ` t e D U e v c p t w e f v R b K t i h v t Z K g j v f R b K L v Z m g a t e w k j v f R b K L v t Z L v U v t b v n q | d t j m v g w i R K D b a q b , ` v ` G e s w k ƒ v L v Z t e w k ƒ i w Z M Ō - n q | G R b ` A t b K t e w k m v g w i R K g j ` l w ` t Z n q | G i d t j w b t ` K i Y ( e x c l u s i o n ) G e s m g v R - e w n f e K i Y ` Z Z i n q | w b t ` ^ l t e K v i R b M Y e u P v i Z w M t ` A t b K m g q m g v R - e w n f e I m š y m x K g R v t E R w o t q c t o | G Q v o v l m g v t R i w e w f b e t k Y x I t c k v i g v b | w e k t q t b i R w Z v K t j c t o A w ` i Z v q t f v t M | A v i m v g w i R K A w ` i Z v G e s A ƒ i g Z v g v b e w a K v i i c Ō Z ō g w k ` t f c n t q I t V | R x e t b i m e w K Q y h L b U v K v i g t j ` w e t e w P Z n q , Z L b n v R v i e Q t i i g v b w e K g j ` t e v a t c o t b c t o \_ v t K | G f v t e B A m v g w i R K g j ` t e v t a i c Ō ƒ i e N t U | Z t e m v n m , ` i ` w Ō G e s K i b v k w <sup>3</sup> w e k t - m g m ` v i m g v a v t b w e t k l f w g K v c v j b K i t Z c v t i | G g b w K m g m ` v i g t j w M t q Z v t K A 1 / 4 t i B w e b Ō K i t Z c v t i A \_ e v , m g m ` v i m j o h v t Z b v n q , t m - c Ō Z t i v a M t o Z j t Z c v t i | B D t b t ` w - i f Z c e g n v c w i P v j K t d ` w i t K v g v B q v i - G i g t Z , Ō Ō G i m t 1 / 2 e m e v m K i v w k L t Z n t j A s k x ` w i Z i M Ō t Y i m v n w m K Z v \_ v K t Z n t e , w f b e v t e K v R K i v i g t b v f v e \_ v K t Z n t e | D b a z Z i , A w a K w b i v c ` G e s w b w Ō Z f w e l ` t Z i ` c e t ` L t Z n t e | Ō g v b w e K ` w Ō f w 2 m a u b a e G ` c t e K e v ` e w q Z K i v i m v n m , g v b w m K Z v I ` p w P E n t Z n t e | g v b e w a K v i m s i ƒ i Y I k w š t m s ` w Z m j o t Z m n b k x j Z v i t K v b w e K i t b B | t h g b w U D c j w a K t i w Q t j b B Z v j x q ` v k Ō B K w M q v t K v t g v w j t q v c w <sup>9</sup> ( 1 7 9 8 - 1 8 3 7 ) : Ō A m w Ō Z v i g t Z v A m n b k x j c e w E g v b t l i A v i G K w U I t b B | Ō Z v B A m w Ō Z v t \_ t K A v g v ` i g w <sup>3</sup> t c t Z n t e | w e k p e v x w e i v g n b f v t e I m w a s j j Z t P o v M Ō Y K i t j B G K w b k w š t m s ` w Z c Ō Z w Ō Z n t e , Z L b g v b e Z v i w e i ` t x A c i v a A v i m s N w U Z n t e b v |