

ADVENIAT REGNUM TUUM



CATECHISME EN IMAGES

70 GRAVURES

AVEC L'EXPLICATION DE CHAQUE TABLEAU

REPRODUCTION AUTORISÉE PAR LA MAISON DE LA BONNE-PRESSE, PARIS

Traduit en langue Crise et adaptée aux Indiens de la Baie James.



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IMPRIMÉ À L'ACTION SOCIALE LTÉE
103, RUE STE-ANNE
QUÉBEC.

<http://www.liberius.net>

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Imprimi potest :

Montréal, 25 mars 1930

PHILÉMON BOURASSA, o.m.i.

Provincial.

Nihil obstat :

Montréal, 19 mars 1930

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Censor deputatus. — Vicaire provincial.

Baie-James.

Imprimatur :

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σ_a b P_r Δ_bΓ_Δb_a·Δ_Λ'
∇ L_ΔΔL·ΔP'
σ' Δ·ΔSΓ_Δ'x

σ' Δ·ΔSΓ_Δ' b P_r ΔPC·b' Γ_Δ' ΔΓx

ΔσL b·q_r . J·ΔL_ΔΔb' b (d_aΓ' Γ_Δ(Δ P Δ<N_Δ·σ_b∇' ∇ ΔS=
Cσ·Δ'; ∇ ΔCNP L_ΔΔb_a, Δd Lσ)·ΔL_ΔΔb', ∇D·bσL b P_r<<C'x
P_r<<C' ∇ ·ΔΓ<σ' Lσ)·ΔL_ΔΔbσ; ·ΔΓΔ·∇Lb' P_r <U σ_r)_rbU' C=
·V·Δ_a b P_r·bJLb' Lσ)·ΔL_ΔΔb' b ΔC·∇σC·bP P_r ΔΓ ΔL_rΔσ·Δ'
Δσσ·Δd_r∇' ∇ P_r·P_ΔΔL_Δq' Δ_rP', Δ_bΓ<' ∇S Lσ_rσ·Δ'<' Δσσ·Δ b a)=
Cd_r<'x ∇_b·b· ∇ Δ_bΓ_ΔP_r·P_ΔΔL_Δq' Γ_r' Γ_r' q·b_a ΔσJ<J<' , ΔL·Δ_a P
L_rΔ_Δ<' ∇_b·b· ∇P_r·bσ' ∇ P_r·P_ΔΔL_Δq'x
ΔS_rσ·Δb_a' ∇b ∇ σ_r)C_r' Γ_r·∇ ΔσΔ q·b_a b P P_r·P_ΔΔL_Δr', <NL ·Δ=
·bC b·q_rΓ<Δ' Δ_rh P_r <U ·ΔCL_Δσ_r σ_rC <U Δ<Δ_rσ_r Γ_a Γ_r·∇;;
∇d σ_r·q·ΔSΔd<Δ' Γ_rh_x ∇ Δ_bΓ<σ·Δ' Lσ)·ΔL_ΔΔb' <U P_r·q_rσ_rbU·
Γ_r·C· P CΔσJ<C' ΔσΔ q·b_a ∇b b NΔσ_r)_rbU·b<'x
ΔσP (C·V·Δ_a b ΔC·∇σC·bP P_r ΔΓ ΔL_rΔσ·Δ' ·∇h·Δσ_bU·Δ Γ_r·∇
Lσ)·ΔL_ΔΔbσ' σ_rC ΔS_rσ·Δb_a' Δ L_rΔ_Δbσ·Δ·Δ'x
Γ_Δ·C b)σ' Δ_bΓ_Δ∇_b' ∇ P_r·P_Δ(Δd' Γ_ΔLσ)·Δ, P L·ΔΓ<Lb' Γ_r·∇ Δ=
σΔ C·V·Δ_a, P <U ·ΔCJLb' σ_rC P <U Δ<ΔJLb'x P L·ΔΓ<Lb' Γ=
P·V C·V·Δ_a b P P_r·P_ΔΔL_Δq' Γ_r' ∇ Γ·bALN_r' Δ_rP', b P_r<<C' C·V
·Δ_a q C·V<σ_rbU·b<' , b P_r·bJLb' ΔS_rσ·Δb_a' Δ C·V<σCJ·Δσ·Δx
∇D·bσΔ C·V·Δ_a b ΔσJ_rbUP σ_rC' <^P ΔL L_rΔ_Δbσ'x
Γ_Δ·C· b)σ' Δ_bΓ_Δ∇_b' P L·ΔΓ<Lb' σ_rC Γ_r·∇ Δ_a·∇·Δ_a b P P_r=
ΔL_Δq' Γ_r' : P_rLσ) Δ' Δ_a·∇·Δ_a b ΔSσ_bUP ΔN; P ΔPΔLb' NΔ_a·∇
Δ' Δ_a·∇·Δ_a : Δ_bΓ_Δ∇_b' Δ' Δ_a·∇·Δ_a b Δ·Cσ·Δ'x
∇D·bσL σ_r L_rΔ_Δb' ΔL b Δ_bΓ<σ·Δ'x

L_r = P L·ΔΓ<Lb' Γ_Δ·C· b)σ' Δ_bΓ_Δ∇_b' b P P_r·P_ΔΔL_Δq' Γ_r' , Δ)CL=
q·Δ' ΔΓ, Δ_bΓ_ΔLσ) b_r·Δ_a ΔΓ, σ_rC ΔσΔ q·b_a b ·ΔΓΔ·∇LbP P_r ΔΓ Δ
L_rΔ_Δσ·Δ'x
∇D·bσL σ_r) ΔL L_rΔ_Δb' b Δ_bΓ<σ·Δ'x
ΔσL L_rΔ_Δb' P_r·bJLb' C·V·Δ_a q C·V<σCLd<' , ΔLd·Δ ΔΔN·Δ_a q
NΔ)CLd<' , σ_rC Δ_bΓ_Δ ·ΔΓΔ·∇·Δ_a q Δ<Γ<C_bd<' P_rP_rΔ' P_r Δ)U_b'x
ΔL L_rΔ_Δb' P_r·bJLb' L·Δ= b P_r<<EP q·b_a b P P_r·P_ΔΔL_Δq' Γ_r'
Δ_rP'x
∇·Δ·b_a P_rLσ) Δ' Δ_bΓ·Δ' b P ΔSσ·Δ' CΔ_rd = ∇ b·q_rΓ_ΔΔσ·Δ
-σ_r ∇ Δ_a·q·ΔΓΔ)Δσ·Δ' P_r ·∇C' Δ·Δ_rU ∇ σ_r)_rbU'x
∇d L_b Δ_a Δ·∇_a ∇ ΔC_rΔ' q P_r·qσCJ·q σ_rC q σ_r)CJ·q ∇·Δ·b_a
C·V Δ·Δ_rU q P_r·qσC' σ_rC q σ_r)C' Lσ)·ΔL_ΔΔbσσ·x



Ἰησοῦς ὁ Θεοῦ υἱός, ἁγίου Πνεύματος

σ b σ Δ · U · Δ , x

1° Δ C Δ L L ρ Δ b , P P Δ L 9 · Δ L ρ Δ b σ · Δ \ C Λ d = b Δ =
J b · 9 ρ Γ Δ σ · Δ \ Δ , Δ L · Δ Δ Δ ρ L ρ Δ b U · Δ Δ C b · 9 ρ Γ · Δ =
· Δ Δ , Δ b · Δ Δ ρ ρ Γ Δ \ Δ L L ρ Δ b , x

2° Δ Δ Γ Δ · Δ , b Δ · Δ C Δ L b \ · Δ · Δ = Λ d V Δ \ Δ Δ C Δ σ σ P Δ
P P Δ L 9 · Δ Δ ρ ρ , Δ L · Δ Δ C · V L b , Δ C Δ P P Δ L 9 L b \ d =
C P Δ C · V · Δ Δ ρ Δ L σ \ b Δ ρ C σ P x Δ L · Δ Δ Δ Δ Δ · Δ σ C · b , L b
Δ σ L Δ · Δ Δ Δ Γ Δ · Δ , · Δ Δ Δ L · Δ Δ P Δ P , ρ ρ Λ L ρ Δ d / Δ σ σ ·
Δ Δ Γ Δ · Δ σ σ · Δ b Γ ρ · Δ C · V · Δ , b P P Δ L 9 L b σ σ x ρ ρ Δ Δ =
· U , P Δ U · Δ P P Δ L · Δ b Δ : " P Δ U \ , P P Δ L · b \ Γ ρ · Δ Δ
C) ^ b ρ ρ \ Δ σ σ · Δ \ , Δ P P Δ L · Δ · b \ ρ ρ b Δ · Δ σ C P \ Γ ρ · Δ
b P Δ C Δ · Δ Δ C · b \ " x < Δ U C d ρ · ρ ρ Δ Δ · U : " ρ ρ b Δ · Δ σ C =
P \ Γ ρ · Δ b P Δ C Δ · Δ Δ C · b \ " x Δ C Δ · Δ ρ ρ b U · L b ρ ρ b Δ · Δ =
σ ρ b U σ P Γ ρ · Δ Δ Δ Δ Δ · Δ Δ ρ ρ ρ ρ , ρ ρ C · V Δ σ ρ b U σ P L b Γ =
ρ · Δ C · V · Δ Δ b P P P Δ L 9 / x Δ · b ρ b Δ C · Δ σ C · b \ ρ ρ Λ L =
ρ Δ Δ σ · Δ \ x P P Δ L 9 · Δ , b Δ C ρ Δ Δ b U \ Δ L Δ Δ Γ Δ · Δ L ρ Δ Δ b σ \ ,
V Δ · b σ σ · Δ σ Γ σ · b P P P Δ L 9 / ρ ρ , Δ ^ Λ b << Δ U ^ < , J =
C Δ ^ P \ , Δ Δ Δ Δ · Δ C Γ C) Γ C Δ · Δ > · Δ Δ C Δ \ x < Δ U Δ · b , L b , Γ =
· b = Δ Δ Δ Γ C σ · Δ P C Λ d = Δ L L ρ Δ b , ρ ^ C L σ) · Δ L ρ Δ b , x
Λ d ρ d Λ) ^ Δ Δ Γ Δ · Δ , 9 Δ · Δ C Δ L b \ , V Δ \ ρ ^ C Λ d Δ Δ C Δ Δ =
· Δ Δ b Δ C ρ Δ Δ b U P Δ L Δ Δ Γ Δ · Δ L ρ Δ Δ b σ \ , < ^ P · Δ Δ Δ L b , Δ Δ
Δ · U · Δ , ρ ρ x C Λ d = Δ Δ Δ Δ Δ / ρ ρ Δ Δ Δ · Δ , Δ U σ C · b , x

Δ C · Δ σ C · b , ρ ρ Δ Δ Δ Δ U \ Δ L b Δ Δ Δ · b \ Δ Δ Γ Δ · Δ , · Δ Δ
Δ Δ Δ · Δ σ C · b , Λ d Δ σ L Δ Δ Γ Δ · Δ , Γ ρ · Δ C · V · Δ , 9 P Δ L 9 L b \ x

7. - P P b Γ \ x Δ σ L • Δ P - L P a P • Δ ; P P σ ^ P \ Δ U 9 , • Δ < Π =
σ • Δ σ • Δ > ∇ Δ Λ / Γ L σ \ b P P P P b Γ \ , ∇ • Δ < b L Λ ^ C d / Δ
P ^ P Δ L • Δ b a σ ^ C ∇ P ^ P Δ L • Δ / J C Δ σ σ • Δ Δ > C • Δ < b >
Δ C • Δ a \ b Δ > U σ Γ ; ∇ > C \ L b Λ σ Γ C d < > x

7. b Δ ^ • b Δ Λ ^ b / , Δ σ Π < • Δ b a \ , b Δ < Γ ∇ b a • Δ Λ Γ \ , Γ =
b U • Δ d a < • Δ \ σ ^ C d C P > \ P Γ ^ d Π ^ b • ∇ • Δ \ ∇ P ^ P Δ L 9 Γ \
Δ σ L L P a P • Δ > U C • Δ - , P • Δ < L a • Δ a 9 Γ Δ < Γ ∇ • Δ Γ Δ • ∇ /
Λ σ ^ , ∇ Δ Λ / Π Π Λ C < a ^ d \ , ∇ • Δ C Λ L / ∇ > \ b P ^ U σ C d P σ Γ
Δ / Δ P L L b > C ^ P Γ Δ P L ^ • 9 • ∇ Π Δ Λ > Δ ^ P \ x Δ • Δ Δ P L • P
Δ < Γ C < > L σ) • Δ L P a Δ b σ σ • ; Δ d - L b a L • Δ a • Δ • Δ - Δ Λ σ ^
Δ Γ σ P) C J < > x Δ ^ Λ L b Λ σ < b L Γ < > U • Δ C L d / , P b • 9 =
Γ P J P Γ P b Δ C • Δ b σ • Δ / , ∇ Δ • U / : " σ C • ∇ U > Γ P ^ \ Π ^) ^
∇ Δ d P P Γ d \ P 2 L σ) • Δ x

8. Δ > C σ Γ , P • Δ < L a • , a L Π σ \ Δ U 9 , b L • Δ Γ Δ < Γ =
∇ b a • Δ Λ / ∇ Δ < Γ ∇ P ^ P Δ L • Δ / Δ σ σ • Δ Γ P • ∇ ^ b Γ b \ b Δ C =
σ Γ x P P σ ^ P \ Δ U 9 , • Δ < L b σ • Δ > b Δ < Γ ∇ b a • Δ Λ / ∇ • Δ • Δ =
C L • Δ / Γ Δ Δ Γ J • Δ σ σ • Δ σ σ • Δ ∇ b ∇ ^ • b b Δ < Γ Δ σ Γ x U C • Δ -
L b , Δ d P • Γ b U • Δ d a < ∇ Δ < Δ L • Δ / Δ • Δ Δ < Δ < Γ ∇ • Δ L P a Δ =
b σ σ • x

9. b > • ∇ Γ Δ Δ Δ σ σ • ?

9. P ^ C < U σ C • b σ σ • Γ P • ∇ Δ σ σ • Δ \ P Γ P ^ 9 σ C P \ \ Π ^ =
Π • Δ P ^ P Δ L 9 • Δ σ σ • x • ∇ < ∇ b ∇ P ^ 9 σ C P \ a L • Δ a P Δ Π =
C • L \ P P P Δ σ • b P Δ Γ Δ Δ Δ Γ \ P 2 L σ) • Δ x

10. P 2 L σ) P P Δ Δ Δ a • P Γ P P ^ 9 σ L \ , Δ P Δ \ a ^ C

$\langle \rangle^{\wedge} b \cdot \langle \rangle^{\vee}$, $\sigma^{\wedge} C \triangleright L$ $P \Gamma \triangleright \Gamma$ $b^{\vee} P C \triangleright \triangleright$ $b P 9 \wedge L \Pi \Gamma \cdot \Delta \triangleright x$,

11° $P \Gamma \langle \rangle^{\wedge} b \cdot \langle \rangle^{\vee}$ $P \triangleright L \sigma \triangleright$, P $b C \cdot \nabla \sigma C d \Gamma a a \cdot \cdot$: $P \Gamma$ $a a =$
 $b \Gamma C \cdot \langle \rangle^{\vee}$ $\triangleright \triangleright a a \cdot \nabla \cdot \Delta a$, $P \Gamma$ $U \wedge \langle \rangle C L \vee \nabla \Delta U \sigma C d \Gamma \triangleright$, $P \Gamma$
 $\langle \rangle C \Pi \Gamma \triangleright \triangleright P^{\wedge} U \sigma C d \Gamma \cdot \Delta \triangleright \triangleright \Gamma$, $\nabla \langle \rangle C \Gamma C \triangleright \triangleright \Gamma \Gamma \cdot \nabla \sigma^{\wedge} C$ $a a =$
 $b \cdot \Gamma \cdot \triangleright \langle \rangle \cdot \Delta a$, $\Delta \sigma d \vee b$ $b^{\vee} P C \triangleright \triangleright x$

12° $P \Gamma \Delta U \sigma C d \Gamma a a \cdot \cdot$ $P \Gamma \langle \rangle^{\wedge} b \cdot \langle \rangle^{\vee}$ $P \triangleright L \sigma \triangleright$, $\cdot \nabla \vee \vee \cdot \langle \rangle =$
 $\cdot b \sigma L \cdot \nabla \Gamma \triangleright \Delta C \vee$, $\cdot \nabla \vee$ $P \vee \wedge \triangleright \nabla b$ $9 \langle \rangle^{\wedge} b \cdot \langle \rangle^{\vee} \cdot 9$, $P \triangleright =$
 $C \Gamma a a \cdot L \Gamma \Delta^{\wedge} d U \vee$ $P \Gamma \Delta \triangleright U \triangleright \triangleright x$

13° $\cdot \langle \rangle$ $\Gamma \Gamma a \cdot \nabla \sigma C \cdot b \vee \nabla$ $\Gamma \Gamma \Pi \Gamma \vee \Delta \sigma \sigma \cdot \langle \rangle^{\vee}$ ∇b $b \langle \rangle^{\wedge} b =$
 $\cdot \langle \rangle \Gamma \vee P \triangleright L \sigma \triangleright \cdot \langle \rangle$, $L b \nabla \Gamma \Gamma d \sigma d \Gamma \vee \langle \rangle^{\wedge} P \cdot \Delta$ $9 \cdot b a$, $\nabla \langle \rangle \sigma \cdot \langle \rangle =$
 $9 \sigma C P \vee \langle \rangle \sigma \Delta$ $9 \cdot b a$ $\Delta \wedge =$ $P \triangleright L \sigma \triangleright \cdot \langle \rangle x$

14° $\triangleright d \triangleright \cdot \langle \rangle \langle \rangle \cdot \nabla \sigma b a \vee \triangleright \vee \cdot a a \triangleright a \cdot L \vee \langle \rangle^{\wedge} P \cdot \Delta$ $P^{\wedge} U \sigma \sigma =$
 $d \Gamma \cdot \Delta a$ $P \Gamma$ $L L C d \Gamma \cdot \Delta$ $a a \nabla \sigma C \Gamma \Delta \Pi \Gamma \Gamma \vee$; $a a \triangleright a \cdot L \vee$ $\sigma^{\wedge} C$ $\Gamma \Delta =$
 $P \Gamma \cdot \Delta a$ $P \Gamma$ $\vee \vee P \Gamma \cdot \Delta$ $a \nabla \sigma C \Gamma \Delta \Pi \Gamma \Gamma \vee$; $\langle \rangle \sigma \Delta$ $\sigma^{\wedge} C$ $\cdot \Delta \triangleright \Gamma$ $\Gamma \cdot \sigma =$
 $\triangleright \cdot \Delta a$ $\langle \rangle b \cdot \langle \rangle C \cdot L \vee$ $P \Gamma$ $\wedge \Delta \cdot b \Pi \Gamma \cdot \Delta$ $\sigma^{\wedge} C$ $b \vee \Gamma \cdot \Delta$ $a \nabla \sigma C \Gamma \Delta \Pi =$
 $\Gamma \Gamma \vee x$

15° $\vee d =$ $L b$, $\triangleright a$ $b a 9 \langle \rangle \wedge \Delta \vee C \cdot \vee$ $\Gamma \cdot \sigma \sigma C \Gamma \Delta d \cdot \langle \rangle^{\vee}$ $\langle \rangle^{\wedge} =$
 $P \cdot \Delta$ $9 \cdot b a$, $\cdot \nabla \vee$ $\Delta \sigma \sigma \cdot \triangleright U \Delta$ $P \triangleright \Delta \sigma C \sigma \cdot \langle \rangle \sigma \sigma \cdot P \triangleright L \sigma \triangleright \cdot \langle \rangle$
 $\triangleright \Gamma$; $\sigma^{\wedge} C$ $\Gamma \Gamma \cdot \nabla \langle \rangle^{\wedge} P \cdot \Delta$ $\Gamma \cdot \sigma$ $9 \cdot b a$, $P^{\wedge} U \sigma C d \Gamma \cdot \Delta a$ $\Gamma \Gamma \cdot \nabla$,
 $\sigma^{\wedge} C$ $\Gamma \Delta P \Gamma \cdot \Delta a$ $\sigma^{\wedge} C$ $\Gamma \cdot \sigma \sigma C \triangleright \cdot \Delta a$ $\langle \rangle^{\wedge} P \vee b$ $\Delta C \cdot b P$ $a L \cdot \Delta^{\wedge} =$
 $b \vee b C$ $a \nabla \sigma C \Gamma \Delta d$ $\Delta \sigma \sigma \cdot x$

16° $P \triangleright L \sigma \triangleright \wedge d$ $b^{\vee} P C \cdot$ $P \Gamma$ $\Gamma \cdot \sigma \sigma C \Gamma \Delta C \vee$, $\cdot \nabla \vee$ $\cdot \Delta a$ $\wedge d$
 $L \cdot \langle \rangle \Gamma \cdot \sigma \sigma \cdot \vee x$

17° P⁵, DL ALN²·Δσ¹ < PNL·∇· P²Lσ) ΔσΔ b
Δ) ^9 ^b d' Δb d·Δ b > ΓσCJ·Δσσ·x b_α·∇σΓ· ΔρΓ Γρ·∇
∇N ΔΔ) CΓσΓ x b PΓ∇· ∇ b⁹σCΓσΓ σ^C J⁹σ⁹·∇· Γ=
ρ·∇ 5·∇σΓ9·Δ_αx

18° Γ)σ bC JΓ9σCσ·Δ) b P9 ALN²·Δσ¹, Δ^Λ 9 C≈
CLΛ^C·Δ* P²Lσ) PΓPΓd¹x

▷ P^P_σ·ΔΓΓb¹ ∼ N^N·Δσσ·x

19° ∼N^N·Δσσ·, ∇·Δd b P ρbΔCρ' σ^C b Δ<ΓC=
·Δ' ΔσΓσ· Γρ⁴ Δ' Δ>Γ∇·Δσσ·x

20° PΓ 5·∇σCδρ· Δ·∇_α ∇ C·V Δ>ΓΔ', ·∇⁴ Δ_α
∼N^N·Δσσ· ΔC·ΔΓΓΓΓd P²Lσ)·Δ, ·ΔΓ5σΓ'd Γρ⁴, σ^C
PΓPΓ ∇·ΔbσL 9 Δσ^9 Δ·∇_σN²·Δσ' x

21° ΔσL P^P_σ·ΔΓΓb¹ ∼N^N·Δσσ· b ΔΓ σρC·∇₂·Δ'
Δ·Δd Γ<Nδ_αLρ·Δ) : "Δ' ΔΓσbρ·Δσ¹ ·∇C·ΔΓ' σ^C
·∇δρρΓ' σ^C Γ_σLσ) x ΔΓ>ξ

22° Γ<Nδ_αLρ·Δ) P P^PρΓd_{αα}· ΔσΔ σ² b P^Uσ=
C·bP C·V<σCJ·Δ_α: ∇ ΔC' Λd ∇ V>d' P²Lσ), ∇ σ^9
V>d'; Γρ^ ∼N^9)^ Δdρ⁴ P²Lσ) ∇ P Δσσ·ΔΔNρσΓ, ∇ P
σΛσΓ Γ<Nδ¹ PΓ. ALΓΔC¹x

23° P b Γ<Nδ_αLρC_α· ∇ P P²<N¹, ∇ ·Δσ⁹b>¹, ∇
ΔN b·ΔΓJ>¹, ∇ LΓC>¹ σ^C ∇ PΓC>¹ 9·b> b P^UσC·b¹
σ^C Γ·b - ∇ _ασ⁹σρ>¹x

24° ∇ Γ<Nδ_αLρ_ασ·Δ¹ C·V<σCJ·Δσ¹ σ^C Δ>Γ∇=
·ΔN²·Δσ¹, P Γσd_α· P²Lσ) ▷ 5·∇σΓ9·Δ_αx Lρ_αρ·Δ¹-1x

$\Delta \text{f} \cap \text{y} \cdot \Delta \text{b} \text{a} \setminus \triangleright \text{C} \cdot \forall \text{f} \sigma \text{C} \text{J} \cdot \Delta \sigma \cdot \Delta \text{x}$

$\wedge \text{P} \text{C} \text{J} \text{a} \Delta \text{b} \triangleright \text{I} \text{x}$

“ $\sigma \text{C} \cdot \forall \text{f} \sigma \text{L} \cdot \text{P} \text{z} \text{L} \sigma \text{J} \cdot \nabla \text{C} \cdot \Delta \text{f} \text{J} \text{J} \text{J} \cdot \nabla \text{q} \cdot \text{b} \text{a} \text{C} \cdot \Delta \text{C} \text{J}$ ”

$\text{P} \wedge \text{q} \sigma \text{C} \text{d} \text{C} \text{q} \cdot \Delta \triangleright \text{x}$

1° $\Delta \sigma \sigma \cdot \nabla \text{P} \text{J} \text{C} \text{P} \cap \text{a} \text{L} \text{J} \text{P} \text{f} \sigma \text{C} \cdot \nabla \text{J}$, $\nabla \cdot \Delta \text{d} \cdot \nabla \text{f} \text{P} \cap =$
 $\wedge \text{C} \sigma \sigma \setminus \text{P} \text{z} \text{L} \sigma \text{J} \cdot \Delta \text{P} \text{f} \text{P} \text{J} \text{C} \text{f} \sigma \text{f} \text{P} \text{f} \cdot \Delta \text{f} \Delta \text{J} \text{f} \text{f} \text{d} \text{J} \text{x}$

2° $\Delta \text{f} \Delta \text{L} \text{b} \cdot \Delta \text{a} \cap \wedge \text{a} \cdot \nabla \text{P} \text{z} \text{L} \sigma \text{J} \text{P} \Delta \text{J} \text{f} \nabla \cdot \Delta \sigma \sigma \cdot \Delta$, $\Delta =$
 $\sigma \text{J} \sigma \cdot \text{q} \cdot \text{b} \sigma \cdot \text{C} \text{b} \text{P} \Delta \text{f} \Delta \sigma \text{J} \text{C} \text{L} \cdot \Delta \text{J}$, $\text{P} \wedge \text{q} \sigma \text{C} \text{d} \text{C} \text{q} \cdot \Delta \triangleright$
 $\Delta \text{f} \sigma \text{b} \text{U} \cdot \text{x}$

3° $\nabla \text{J} \text{L} \text{b}$, $\nabla \text{b} \text{P} \Delta \text{C} \cdot \text{b} \cdot \text{d} \text{C} \text{C} \text{b} \triangleright \text{L} \text{P} \wedge \text{q} \sigma \text{C} \text{d} \text{C} \text{q} \cdot \Delta \triangleright$, P
 $\wedge \text{L} \text{f} \Delta \text{d} \text{J} \cdot \Delta \sigma \text{a} \cdot \text{a} \text{L} \cdot \Delta \text{b} \text{J} \text{b} \text{C} \text{P} \Delta \text{P} \text{J} \text{C} \text{J}$, $\cdot \nabla \text{J} \text{P} \text{a} \text{a} \text{a} \cdot \cap \wedge \text{a} =$
 $\cdot \nabla \text{a} \text{L} \cdot \Delta \text{a} \text{P} \text{b} \text{P} \text{b} \wedge \text{P} \text{C} \text{C} \text{a} \cdot \text{P} \text{f} \text{f} \text{b} \text{L} \setminus \text{q} \cdot \text{b} \triangleright \text{q} \text{C} \cdot \forall \text{C} \text{L} =$
 $\text{d} \text{C} \triangleright \text{C} \text{J} \text{C} \text{L} \text{d} \text{C} \triangleright \text{P} \text{f} \triangleright \text{f} \wedge \text{L} \text{f} \triangleright \text{J} \text{x}$

4° $\text{P} \Delta \text{C} \cdot \text{b} \cdot \text{a} \text{L} \text{b} \sigma \text{J} \nabla \ll \text{b} \sigma \cdot \Delta \text{P} \text{P} \wedge \text{q} \sigma \text{C} \text{d} \text{C} \text{q} \cdot \Delta \text{a} :$

1° $\nabla \cdot \Delta \text{d} \triangleright \text{L} \text{L} \cdot \Delta \text{f} \sigma \text{C} \text{C} \text{P} \wedge \text{q} \sigma \text{C} \text{d} \text{C} \text{q} \cdot \Delta \triangleright$, $\nabla \cdot \Delta \cdot \text{b} \sigma \text{J} \sigma \cdot$
 $\text{P} \text{z} \text{L} \sigma \text{J} \text{b} \text{P} \text{C} \text{P} \cap \text{a} \text{L} \cdot \Delta \text{J} \Delta \text{C} \cdot \text{L} \text{C} \text{C} \cdot \nabla \text{b} - \text{P} \text{f} \Delta \sigma \sigma \cdot \Delta$;
2° $\text{d} \text{C} \setminus \text{L} \text{b}$, $\text{J} \text{J} \text{J} \triangleright \text{P} \wedge \text{q} \sigma \text{C} \text{d} \text{C} \text{q} \cdot \Delta \triangleright \text{b} \Delta \text{f} \sigma \text{b} \text{U} \setminus$, $\text{b} \text{P} \text{C} =$
 $\text{P} \cap \text{a} \text{L} \cdot \Delta \text{J} \text{P} \text{z} \text{L} \sigma \text{J} \text{J} \text{J} \text{J} \text{C} \text{C} \triangleright \text{P} \wedge \text{P} \cdot \Delta \Delta \text{q} \cdot \Delta$; 3° $\Delta \sigma \text{L} \text{L} \text{f} -$,
 $\setminus \text{J} \text{J} \text{J} \cdot \Delta \text{P} \wedge \text{q} \sigma \text{C} \text{d} \text{C} \text{q} \cdot \Delta \triangleright \text{b} \Delta \text{f} \sigma \text{b} \text{U} \setminus$, $\text{b} \text{P} \text{C} \text{P} \cap \text{a} \text{L} \text{C} \setminus \text{J} \text{J} \text{J} \text{x}$

$\Delta \text{f} \cap \text{y} \cdot \Delta \text{b} \text{a} \setminus \triangleright \text{C} \cdot \forall \text{f} \sigma \text{C} \text{J} \cdot \Delta \sigma \cdot \Delta \text{x}$

5° $\Delta \text{f} \cap \text{y} \cdot \Delta \text{b} \text{a} \setminus \triangleright \text{C} \cdot \forall \text{f} \sigma \text{C} \text{J} \cdot \Delta \sigma \cdot \Delta \text{x}$, $\nabla \cdot \Delta \text{d} \Delta \sigma \text{L} \text{C} =$
 $\cdot \forall \text{f} \sigma \text{C} \text{J} \cdot \Delta \triangleright \text{b} \cdot \Delta \text{f} \text{b} \text{U} \setminus$, $\text{b} \text{P} \text{C} \text{P} \cap \text{a} \text{L} \text{C} \cdot \text{b} \setminus \cdot \Delta \text{a} \cdot \Delta \cdot \cap \wedge \text{a} =$



• $\nabla \Delta \text{S} \cap \text{S} \cdot \Delta \text{b} \text{e} \setminus$, $\text{C} \wedge \text{C} \text{ b. P} \text{P} \cup \text{b} \text{J} \text{L} \text{b} \setminus \Delta \text{C} \Delta \text{C} \text{S} \cdot \text{C} \cdot \text{V} \text{C} \text{J} \cdot \Delta =$
 $\text{e} \text{L} \cdot \Delta = \text{b} \Delta \wedge \text{U} \text{C} \cdot \text{b} \text{P} \text{b} \text{e} \text{C} \cdot \nabla \text{C} \text{d} \text{P} \text{S} \setminus \text{P} \text{f} \text{C} \cdot \text{V} \text{C} \text{L} \setminus \times$

6° $\text{C} \cdot \text{V} \cdot \Delta \text{e}$, $\nabla \cdot \Delta \cdot \text{b} \sigma \text{L} \nabla \Delta \text{C}' \text{P} \text{Z} \text{L} \text{C} \text{J}$, $\text{C} \wedge \text{C}$
 $\text{L} \text{b} \nabla \text{V} \text{S} \text{d}' \wedge \text{d} \text{P} \text{Z} \text{L} \text{C} \text{J} \times$

7° $\text{P} \text{C} \cdot \text{V} \text{C} \sigma \text{L} \text{e} \cdot \text{P} \text{Z} \text{L} \text{C} \text{J}$, $\text{C} \cdot \nabla \text{S} \cdot \Delta \text{e} \cap \Delta \text{e} \cdot \nabla \text{P} \text{P} \wedge \text{q} \text{C} =$
 $\Gamma \Delta \text{d} \text{e} \cdot \nabla \Delta \text{C}' \times$

8° $\Gamma \text{C} \text{C} \sigma \text{f} \text{b}$, $\Delta \text{P} \text{f} \cdot \Delta \text{C} \text{J} \text{L} \text{b}$, $\text{P} \text{Z} \text{L} \text{C} \text{J} \nabla \Delta \text{C}'$: $\text{C} \cdot \nabla \text{S} \text{P} =$
 $\text{S} \wedge \text{S} \nabla \text{b} \Delta \text{C} \text{d} \text{C} \sigma \text{P} \text{Z} \text{L} \text{C} \text{J}$, $\text{e} \text{L} \cdot \Delta \text{e} \text{C} \wedge \text{C} \text{b} \text{C} \Delta \text{C} \cdot \text{b} \sigma \text{C}$, $\Delta \wedge \text{P} \times$
 $\text{q} \text{f} \text{e} \text{C} \sigma \text{C} \cdot \text{b}$, $\Delta \text{e} \nabla \text{b} \text{P} \text{f} \text{P} \text{D} \text{S} \Delta \text{P} \text{L} \text{b} \text{P} \cdot \Delta \wedge \text{b} \Delta \text{b}$, $\text{C} \wedge \text{C} \wedge \text{d}$
 $\wedge \text{P} \text{J} \text{b}$; $\nabla \cdot \text{b} \sigma \cdot \text{C} \text{f} \text{V} \text{S} \cdot \text{b}$, $\text{C} \wedge \text{C} \nabla \text{U} \text{C} \cdot \text{b} \setminus \Delta \wedge \text{P} \times$

9° $\text{P} \text{Z} \text{L} \text{C} \text{J} \Delta \text{L} \text{d} \cdot \Delta \cdot \wedge \text{d}$, $\nabla \text{b} \nabla \Delta \cdot \text{b} \sigma \text{C} \setminus \text{D} \Gamma \text{C} \sigma \text{P} \Delta$,
 $\nabla \text{P} \text{D} \text{S} \text{C}' \text{P} \text{f} \text{P} \text{S} \text{d} \sigma \cdot \text{C} \wedge \text{C} \Delta \wedge \text{P} \sigma \cdot$, $\text{C} \wedge \text{C} \nabla \text{L} \cdot \Delta \text{f} \cap \text{V} \text{C} \setminus$
 $\Gamma \text{P} \cdot \nabla \text{q} \cdot \text{b} \text{e} \times$

10° $\Delta \cdot \text{C} \sigma \cdot \Delta$, $\nabla \Delta \text{L} \text{d} \cdot \Delta \setminus \wedge \text{d} \text{P} \text{Z} \text{L} \text{C} \text{J}$, $\text{C} \cdot \nabla \text{S} \text{e} \text{L} \cdot \Delta \text{e} \cdot \Delta =$
 $\text{S} \cdot \Delta \cdot \text{C} \wedge \text{C} \text{L} \text{b} \text{e} \text{L} \cdot \Delta \text{e} \text{P} \cdot \Delta \text{C} \text{L} \text{b} \sigma \cdot \Delta$, $\Gamma \cup \text{P} \text{S} \setminus \text{D} \text{f}$, $\text{C} \wedge \text{C} \text{e} =$
 $\text{L} \cdot \Delta \text{e} \text{P} \Gamma \wedge \text{d} \text{e} \text{b} \sigma \cdot \Delta$, $\Gamma \text{f} \text{f} \text{D} \text{f} \times$

11° $\Delta \cdot \text{C} \sigma \cdot \Delta$, $\text{P} \text{Z} \text{L} \text{C} \text{J} \nabla \text{b} \nabla \Delta \cdot \text{b} \sigma \text{C} \setminus \text{D} \Gamma \text{C} \sigma \text{P} \cdot \Delta$,
 $\text{C} \cdot \nabla \text{S} \wedge \text{f} \wedge \text{b} \text{d} \Gamma \text{P} \cdot \nabla \Gamma \text{C} \sigma \text{P} \cdot \Delta \text{e} \text{C} \wedge \text{C} \text{e} \text{L} \cdot \Delta \text{e} \text{P} \text{S} \wedge \text{C} \sigma \sigma \cdot \Delta \text{D} \text{D} \Gamma =$
 $\text{D} \sigma \text{P} \cdot \Delta \text{e} \times$

12° $\text{P} \text{Z} \text{L} \text{C} \text{J} \text{J} \text{S} \setminus \text{P} \Delta \text{C} \cdot$, $\text{e} \text{L} \cdot \Delta \wedge \text{b} = \text{D} \text{f} \text{L} \text{f} \text{C} \sigma \cdot$, $\text{C} \wedge \text{C} \text{e} =$
 $\text{L} \cdot \Delta \wedge \text{b} = \text{b} \text{C} \text{S} \sigma \Delta \text{C} \cdot \times$

13° $\text{P} \text{Z} \text{L} \text{C} \text{J} \Delta \text{C} \cdot \text{P} \text{f} \text{P} \text{S} \text{d} \setminus$, $\Delta \text{C} \cdot \text{D} \text{C} \Delta \wedge \text{P} \setminus \text{C} \wedge \text{C} \Gamma \text{P} \cdot \nabla \times$

14° $\text{P} \text{S} \text{L} \text{C} \text{J} \text{P} \wedge \text{q} \text{C} \text{C} \text{C} \Gamma \text{P} \cdot \nabla \text{q} \cdot \text{b} \text{e}$, $\text{b} \text{P} \Delta \text{P} \sigma \sigma \setminus$, $\text{C} \cdot \text{b} =$

◊ b ΔPσσ, σ^C 9 ΔΠ ΔPσσ; σ^C •◊◊- L◊◊- ◊=
CΓ\ b ΔC•bP P Γ)σσP9•Δσ◊•◊'σ^C Λd P]^U◊σC]•Δ=
σ◊•◊,]^U\ P b◊•◊◊Γd◊, ◊C Δ^Λ d^C>d P P b^C=
•◊\ P P L P]C L\ x

b σ^C]V>d' P2Lσ) ▷ LL^bC]•Δ, x

15° LL^bC]•Δ, ∇•◊d C•V•Δ, b P P^9σC dC' P2=
Lσ), b ΔUσC d^U\ P P C•VCL\, ◊C ∇b ∇ P σ^C]CL\ x

16° ∇ σ^C]V>d' P2Lσ) LL^bC]•Δ, ∇•◊•bσL ∇ V>=
d' P2Lσ), ◊d- Lb ∇ σ^C]P P2Lσ)•Δ•Δσ\; •∇C•ΔΓ',
•∇d^U^U' σ^C Γ◊Lσ) x

17° •∇C•ΔΓ' P2Lσ)•Δ, •∇d^U^U' P2Lσ)•Δ, Γ◊Lσ)
P2Lσ)•Δ, x ◊d- Lb, ◊C ∇ σ^C]P P2Lσ)•Δ•Δσ\; •∇C•ΔΓ', •∇d^U^U', Γ=
◊Lσ), V>d P2Lσ); V>d•◊\ P2Lσ)•Δ•Δσ\ Γ)σ b V>•b=
σσ\ x ∇•◊•bσL V>•b, P2Lσ)•Δ•Δ, b]C]Lb\ P P V>d'
P2Lσ), C^Λd- P P Δ^ΛUσC d^U\ Γ^•∇ 9•b, ▷P, C^Λd-
σ^C P P Γ)σ^U\ Γ^•∇ ΔU9 Δσ x

∇ <U •ΔPbU\ L^U^U•Δ, 2.

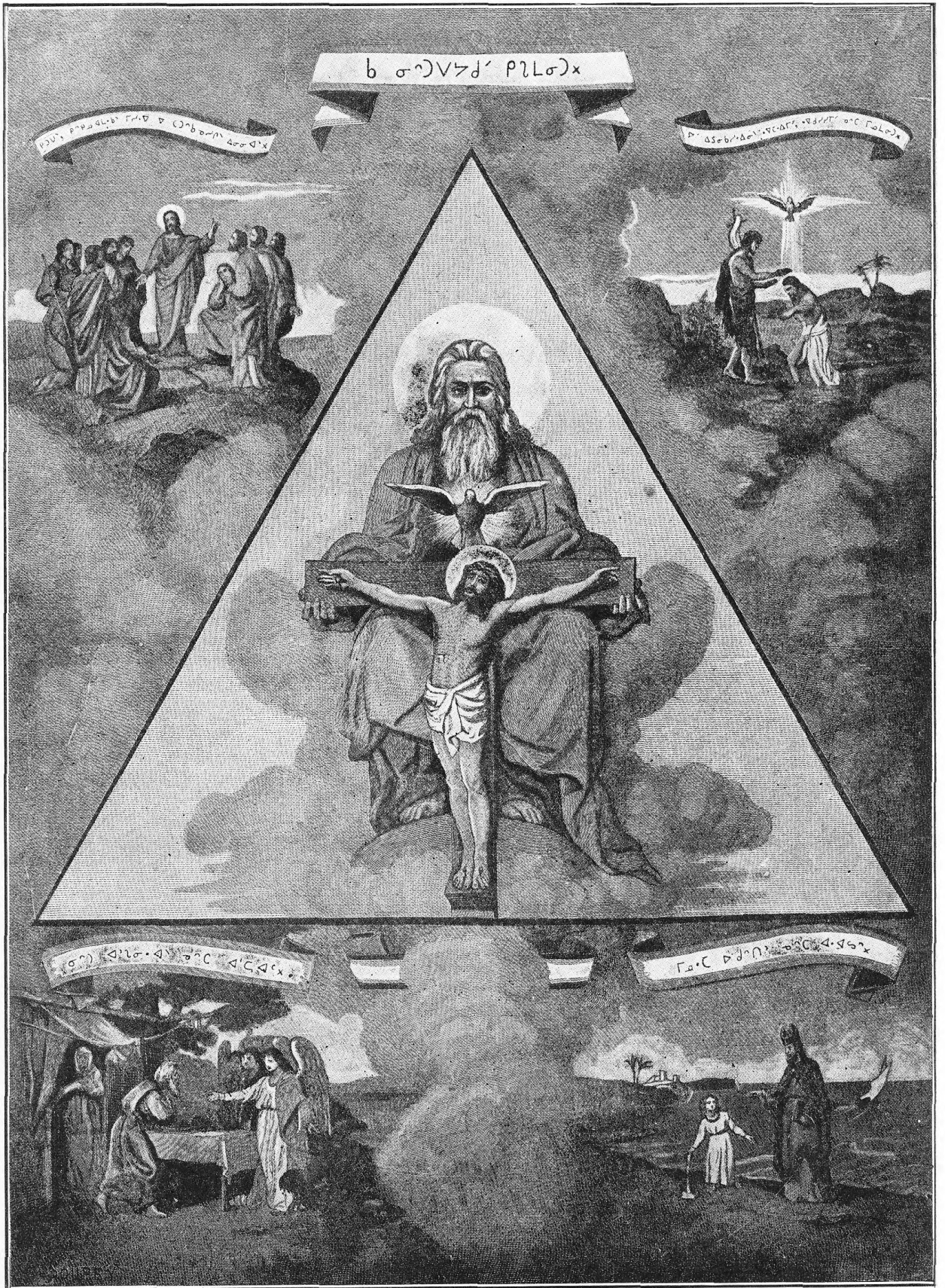
18° b σ^C] P9>\ ◊σL UC•Δ- L^U^U•Δ, •◊◊σ•∇Lb,
∇ σ^C] V>d' P2Lσ) x ◊^C •◊◊Lbσ•◊, P2Lσ) •∇C•ΔΓ'
∇ UC^Λ' ◊^P\, ∇ C d◊ Lb ▷P•bσ\ ∇ ▷^Λ)σσP P<U•b,
ΔC b Δσ ◊d^UσσP P^U: ▷d^U^U•◊ x •◊◊Lbσ•◊, Γ◊Lσ) ∇
<U ◊dC' ∇]^U P◊Lbσσ\ ▷ •◊^U◊L9•Δ; •◊◊Lbσ•◊, C=
Λ^d- ▷ΓΓ•, C^C•Δ- ▷C•ΔL•◊ σ^C ▷d^U^U•◊, ∇ Δσ •◊◊=
Πσ•∇' ∇ ▷P' ▷C•ΔL•◊ σ^C ▷d^U^U•◊ x

19° <σL Δ^ΛΓ\ L^ρρ.Δ, αLΠσ\ ΔU9, •<Πσ•∇Lb, γ^ ρ\ ρ^>^ <Δ Δ •Γρ ∇ <Π Δ^ρb / P P P P Δ\ ΔJ, ∇ Γα / ΔJ Πσ •<bσL <σΓσ • b^ P Δ • Δσσ • P P P P ΔL • <σΓ Γ = ρ • ∇ ∇ C) ^ b ρ ρ σ Γ Δσσ • Δ, ∇ ρ b Δ C • <σΓ Δ / ΔJ σ b ρ • Δσσ \ Δ C • ΔL • < ρ ^ C Δ d ρ ρ L • < ρ ^ C Γ Δ L σ) • Δ x Γ Δ • C L Π Δ, 28 x

20° P P σ ^ P \ ΔU9, Δ^ΛΓ\ <σL L^ρρ.Δ, •<Πσ•∇L = b, ∇ ρ b Δ C • <bσ • Δ / γ^ ρ, Δ C Γ ρ • ∇ b σ ^ ρ ∇ > d ρ \ P ρ L σ) b Δ d <bσ • Δ ρ \ x

21° <σL σ Γ L^ρρ.Δσ\, αLΠσ\ ΔU9, •<Lbσ • < Δ, Δ = • < Δ ρ ∇ Λ) • ρ α) L / <σ Δ σ ^ ρ < Δ ρ σ • < Δ, ρ ρ ^ 18, 3, Δ C ∇ P Δ Π ρ b • Δ b < • Δ ^ C d / ∇ σ ^ Π σ Γ, P Δ > Γ ∇ • C Λ ^ d - Λ d ∇ ∇ > d σ Γ, ∇ Δ • U / : "UV σ Γ ρ > ρ ρ ^ Λ > Γ • α < Γ • Δ ρ, ∇ = b • Δ α L > ^ b • P / < Δ) ^ ρ α b > " x Δ L ∇ Δ • U /, P P ^ U σ Γ • b σ ^ ρ ∇ > d σ Γ P ρ L σ) • Δ x

22° P P σ ^ P \ ΔU9, σ Γ, <σL L^ρρ.Δ, •<Πσ • <σ • < Δ, ∇ Π < Γ Γ ρ \ Γ Δ • C Δ d ^ Π > ρ ^ C < Δ Δ J ^ x ∇ > • b • ∇ P ρ b \, Δ α b Γ Δ • C / b Δ > Γ ∇ b α • Δ Λ / Δ > Δ C • Δ σ \ P Δ > J U U x ∇ α = σ ^ b σ \ P ρ b Γ σ • ∇ • Δ b • ρ σ ρ) C \ <σ Γ σ • L L ^ b C J • Δ σ σ • b σ ^ ρ ∇ > d / P ρ L σ) b Δ J σ b U σ \ x Γ) ρ ρ C C • Δ > P < Λ ρ ^ = b < Γ • ∇ Δ Λ J J σ Γ < Δ Δ J ρ, ∇ b • b Λ b ρ σ Γ ∇ ρ ρ ρ, ∇ Δ Π α Γ σ Γ σ Λ σ • P ρ b Γ \ Δ ρ, ρ ^ C ∇ ρ ρ α Γ σ Γ b P Δ J • Δ α C • <b Δ ρ σ Γ ρ b \ x "C ρ Δ J d ρ C > ρ ρ) C L > <σ L σ Λ ∇ b • b < Δ L >, σ ^ < Δ Δ J Γ ^ ?" P Δ • U • < Δ Δ Δ Γ Δ • C • : "σ • Δ ρ ρ ρ > Δ L b • Δ α \ Γ ρ • ∇ σ Λ P ρ b Γ \ b Δ C • b \", P Δ J α ^ • P • Δ J Δ d x



"aL a Lb P •<U>, P Δ•U• b <Π∇bα<Λ', ΔL b •<α'

•∇< ∇ <Λ<∫> P P U<^P< Γ<•∇ ΔL σΛ?#x "C•V

•<L b Δ•U>, P Δ•U• <α <•<∫', <α- Lb σα <•<P U

•Δ<- σ b P >U> P P PαL> P P bΓ, P P Λ<ΔL> Lb ΔC

•<αΔbσ', Δ^Λ- Pα P P P σ<C L> <σL LL^bCJ•Δ> ∇

σ<∇>∇>d' P Lσ) ". ΔL ∇ Δ•U' <α <•<∫' P •Γ^C<•Δ=

αd<•x P <•Δ• ∇> <∇>σ• ∇ αd<^C•<' ΔΔ ΔΓα•C•<

P P q Pα<σ(Γ<' <αL LL^bCJ•Δ> ∇b P P P σ<P b U' Δ=

σσ•Δ, Γ>σσ' b> ΔΓx L Pα<•Δ>x 2x

"b P Δ∫C' P P P ∫dσ• σ^C Δ^Pσ•"x

1° ΔΔ <ΔΓ•Δα: "b P Δ∫C' P P P ∫dσ• σ^C Δ^Pσ•"

•<ΔΠσ•∇Lbα P Lσ) ∇ P Δ∫C' P P P ∫dσ• σ^C Δ^Pσ•,

σ^C Γ<•∇ q•bα <Δ>C b ΔC•bσσP'x

2° Δσσ•< αL P Δ∫C•< q•bσ• ∇b •<α∇ ∇ <ΔΓ=

CΓ'; •∇< P P P Δ∫Cσ•< q•b> ∇b q•b> ∇ <ΔΓCσ•<,

<•∇α P P P >C' ΔΓσ•, αC•∇σC d< Γ<•∇ P P σC•ΔC'x

P Lσ) Λd b^P C• P P Δ∫C' q•bσ• ∇b ∇ ΔC•bσσ' q=

•bσ•, •∇< •Δα Λd Γ<•∇ σC•ΔC•x

3° P Lσ) αL•Δα ΔΓ αC•∇σC d<< P P Δ∫C' Δ^Pσ•

σ^C P P P ∫dσ•x P Δ∫C• Lb Λd ∇ P ΔUσC' P P >C', σ^C

∇ Γ•σσ(ΓΔd'x

4° P Lσ) P Δ∫C• P P P ∫dσ• σ^C Δ^Pσ• Δ' <ΔΓ•Δ>

12 $\nabla \triangleleft \Gamma C', b \Delta \cdot C \Gamma b U', \nabla P \Delta U \sigma C' \wedge d' \vee \cdot b \cdot x$

5° $L \cdot \triangleleft = b \Gamma \sigma \rho \sigma \Gamma P \nabla L \sigma \nabla \rho \triangleright \triangleright \sigma \Gamma b a, \nabla \cdot \triangleleft d \triangleleft \triangleright \nabla \sigma \cdot \triangleleft \nabla \cdot C \Delta \sigma \sigma \cdot \triangleleft \cdot x$

$\triangleleft \triangleright \nabla \sigma \cdot \triangleleft \cdot x$

6° $\triangleleft \triangleright \nabla \sigma \cdot \triangleleft \nabla \Gamma \sigma \wedge \sigma \sigma \nabla \triangleleft L d \cdot \Delta \cdot \triangleleft \nabla, \nabla P \triangleright \sigma \Delta d \Gamma \nabla P \nabla = L \sigma \nabla \cdot \triangleleft P \Gamma P \nabla L \sigma \nabla \cdot \nabla \sigma L \Gamma \nabla \cdot \nabla \cdot C P \Gamma \cap \wedge \nabla C \cdot L \Gamma \nabla \triangleright \rho \Delta C \rho \cdot \nabla = \cdot \Delta \sigma \sigma \cdot x$

7° $\nabla \triangleright \sigma \Delta \Gamma \nabla, P < P \cap a L d \cdot \triangleleft \nabla P \nabla L \sigma \nabla \cdot \triangleleft \nabla \cdot \nabla \sigma \Gamma \rho \cdot \Delta \sigma \sigma \cdot \nabla \cdot C \Gamma \rho \cdot C \cdot \Delta \sigma \sigma \cdot x a L L b \wedge d C \sigma \nabla \triangleright \rho C d a \cdot L \nabla \triangleleft \sigma \Gamma \sigma \cdot b P \Gamma \sigma \Gamma \nabla \cdot x \triangleleft \nabla \nabla \Delta C \sigma \Gamma \nabla \Delta \sigma \cdot \nabla \nabla \nabla C \cdot \nabla \cdot \triangleleft \nabla \cdot C P a \cdot d \cdot \nabla \cdot C \cdot \nabla \cdot \triangleleft \nabla P \nabla L \sigma \nabla \cdot \triangleleft, \nabla \cdot C P < P \sigma \cdot a \nabla \triangleright \rho \nabla \triangleright P \cdot U \sigma \Gamma \cap \rho \cdot \Delta \sigma \Gamma \nabla \triangleright \rho x$

8° $P \nabla L \sigma \nabla P \cap < \triangleleft L \cdot \nabla \cdot \triangleleft \sigma \Delta \Gamma \rho \triangleleft \triangleright \nabla \sigma \cdot \triangleleft \triangleright C \cdot \vee \triangleleft \sigma C \nabla = \cdot \Delta \sigma \sigma \cdot \triangleleft \triangleright \rho x P \triangleleft \Delta \Gamma \nabla \cdot \nabla \cdot \nabla \sigma \Gamma \rho \cdot \Delta \sigma \nabla \nabla b \cdot \Delta \cdot b = \Gamma a P \Gamma \cdot \triangleleft = \sigma C \sigma \Gamma, \nabla \cdot C P < P \cap a L \cdot \nabla \cdot P \Gamma P \sigma d \cdot \Delta \Gamma \cdot \nabla \sigma \nabla \cdot \Delta \sigma \sigma \cdot x$

9° $\triangleright \rho \triangleleft \nabla \nabla \rho \cdot \Delta \sigma \cdot \triangleleft \cdot \Gamma \rho \triangleleft \triangleright \nabla \sigma \cdot \triangleleft \nabla, \nabla \cdot \triangleleft \cdot \rho \sigma \cdot P \Gamma L \Gamma \Gamma = L \Gamma \nabla P \nabla L \sigma \nabla \cdot \triangleleft \nabla \cdot C P \Gamma \cap \wedge \nabla C \cdot L \Gamma \nabla \triangleright \rho \Delta C \rho \cdot \nabla \cdot \Delta \sigma \sigma \cdot \triangleleft x$

10° $\triangleleft \sigma P \Gamma \rho \triangleleft \triangleright \nabla \sigma \cdot \triangleleft \nabla, \triangleright \rho \triangleleft \sigma P b a \cdot \nabla \triangleleft \triangleright \nabla \sigma \cdot \triangleleft \nabla P b = a \cdot \nabla \sigma \Gamma d a \cdot \triangleleft \cdot x$

11° $P b P \cdot U \sigma C \cdot L C a \cdot \nabla \cdot \Delta \rho \cdot \Delta C \nabla b b a \cdot \nabla \sigma \Gamma C \nabla \triangleleft \triangleright \nabla = \sigma \cdot, \nabla \cdot C P b \triangleleft \triangleright \Gamma \nabla \cdot \nabla \cdot \triangleleft C a \cdot P \Gamma \cdot \Delta \Gamma \Delta C \nabla \cdot \Delta \cdot \wedge \rho \cdot \rho \Gamma \Delta b \cdot \Delta = \triangleright d \nabla \cdot C \wedge d \Gamma \cdot b = \nabla a \nabla \sigma \rho \rho \triangleright \cdot x$

12x $P \nabla L \sigma \nabla P a \nabla b \Gamma \nabla \cdot L \Gamma \triangleleft \triangleright \nabla \sigma \cdot \triangleleft \nabla \cdot \triangleleft a \cdot \Delta \nabla \nabla \cdot \triangleleft \rho = \Gamma P \sigma d \nabla \triangleright \rho, \nabla \cdot C \nabla \sigma \sigma \cdot \triangleleft a \Gamma L' b P \rho P \Gamma \triangleleft \sigma \Gamma \rho \sigma \Gamma L \Gamma \Delta \cdot d U \nabla$

21° $\langle \sigma L \sigma d \cdot C^{\wedge} \vee \gamma \rho_a \Delta b \rangle \cdot \langle \langle \Pi \sigma \cdot \nabla L b \rangle \rho \mathbb{Z} L \sigma \rangle \nabla \triangleright =$
 $\mathbb{S} \Delta / \langle \sigma P \rangle b \langle \mathbb{S} \mathbb{9} \sigma \rho \langle \sigma \cdot \nabla \triangleright \mathbb{S} \mathbb{S} \sigma^{\wedge} C \cdot \nabla \triangleright \mathbb{S} \Delta / \Delta \sigma \sigma \cdot \langle \sigma \triangleright / \Delta =$
 $\mathbb{S} \mathbb{a} d \rho \cdot \Delta \sigma \setminus \sigma^{\wedge} C \triangleright \mathbb{a}^{\wedge} \langle \mathbb{9} \cdot \Delta \sigma \setminus x$

22° $\langle \sigma L L \cdot \langle \sigma = \cdot \langle \sigma P = L \rho_a \rho \cdot \Delta \sigma \setminus \cdot \langle \langle L b \sigma \cdot \langle \sigma \triangleright \rho \mathbb{Z} L \sigma \rangle$
 $\nabla \langle \sigma \cdot \sigma \wedge / \nabla \sigma \cdot \mathbb{S} \rho \rho \mathbb{S} b \sigma \setminus, \sigma^{\wedge} C \nabla \langle \sigma P \langle b \sigma \langle P \Pi \mathbb{a} \setminus \langle \sigma \mathbb{7} =$
 $\sigma \cdot \rho \mathbb{S} b \sigma \cdot, \cdot \Delta \mathbb{a} \Pi \wedge \mathbb{a} \cdot \nabla \rho \rho \langle \sigma \rangle \wedge \mathbb{9}^{\wedge} C / x \triangleright L \langle \sigma \cdot \sigma \wedge \cdot \Delta \rangle \cdot \langle \sigma =$
 $\langle \Pi \sigma \cdot \langle \sigma \cdot \langle \sigma \triangleright \nabla \langle \sigma d \triangleright / \triangleright \rho \wedge \rho \cdot \sigma^{\wedge} C \nabla \rho \mathbb{S} b \wedge U \setminus \nabla \Pi \wedge \sigma \mathbb{b} \setminus,$
 $\Pi \wedge \sigma \rho \wedge \rho \cdot \sigma^{\wedge} C \langle \sigma d \mathbb{S} \setminus x \langle \sigma L b \sigma \setminus \rangle b \rho \mathbb{9} \mathbb{S} \setminus L \rho_a \rho \cdot \Delta \sigma \setminus$
 $\wedge \rho \Delta C b \Delta \mathbb{S} \langle \sigma \cdot \sigma \wedge / \rho \mathbb{Z} L \sigma \rangle, \cdot \langle \langle \Pi \sigma \cdot \nabla L b \rangle b \sigma \setminus \rangle \vee \mathbb{S} d \rho \setminus$
 $\rho \mathbb{Z} L \sigma \rangle \cdot \Delta \cdot \Delta \sigma \setminus \nabla \rho \langle \wedge \rho d = \cdot \langle \sigma \cdot \Delta \rho \Delta \rangle \rho \setminus \nabla \triangleright \mathbb{S} \langle \rho \setminus \rho \rho \cdot \nabla$
 $\mathbb{9} \cdot b \mathbb{a} x \triangleright \triangleright \langle \sigma \mathbb{7} \cdot \Delta \mathbb{a} \triangleright \rho \cdot \langle \langle \rho b U \cdot \nabla \rho \cdot \Delta \rho \Delta \rangle \rho \setminus: " \nabla d \mathbb{Z}$
 $\triangleright \mathbb{S} \Delta C \Delta \sigma \sigma \cdot \rho \rho \cdot \Delta \rho \Delta \mathbb{S} \mathbb{a} d \rho \rho \rho \setminus \sigma^{\wedge} C \rho \rho \mathbb{a}^{\wedge} \langle \langle C \setminus " x$

$\Delta \sigma \sigma \cdot x$

23° $\Delta \sigma \sigma \cdot \nabla \cdot \langle \sigma d b \triangleright \rho \rangle \sigma \rho \rho b \sigma \rho \vee \sigma \rho \sigma \nabla \langle \sigma d \cdot \Delta \rho \setminus, \nabla$
 $\cdot \Delta \mathbb{S} \cdot \Delta \rho \sigma^{\wedge} C x$

24° $\Delta \sigma \sigma \cdot \triangleright / \langle \sigma d L \nabla \cdot \langle \sigma d \langle \sigma \setminus \vee \mathbb{S} \setminus b \rho \triangleright \mathbb{S} \Delta \rho \rho \rho$
 $\cdot \Delta \rho \Delta \mathbb{S} \mathbb{a} d \rho L / \rho \mathbb{Z} L \sigma \rangle \cdot \langle \sigma \sigma^{\wedge} C \rho \rho \wedge \rho \langle P \Pi \sigma \rho \rho \mathbb{7} \cdot \Delta \setminus x$

25° $\rho / \langle \sigma d \rho \mathbb{a} \cdot \Delta \rho \Delta \mathbb{S} \mathbb{a} d \rho \rho \mathbb{7} \cdot \rho \mathbb{Z} L \sigma \rangle \cdot \langle \sigma \nabla \wedge \rho \wedge b d /$
 $\triangleright \rho \rho \rho \rho \rho \rho \rho \sigma \sigma \cdot \sigma^{\wedge} C \Pi \wedge \mathbb{a} \cdot \nabla \Pi \vee \sigma \rho \rho \rho \cdot \Delta \sigma \sigma \cdot, \langle \sigma \rho \rho L b, \nabla b =$
 $\cdot \Delta \wedge b - \rho \rho \Delta \sigma \cdot b \langle \sigma \rho \setminus x$

26° $\mathbb{a} C \cdot \nabla \sigma C d \rho \cdot L b \nabla b \cdot \Delta \wedge b - \rho \rho \Delta \sigma \cdot b \langle \sigma \rho \setminus, \cdot \nabla \mathbb{S} \triangleright L$
 $\triangleright \rho \nabla \cdot b \mathbb{S}^{\wedge} \rho \rho / \rho \mathbb{Z} L \sigma \rangle, \mathbb{a} L b C b \sigma \rho \langle \langle \sigma \triangleright \rho \rho \rho \langle \sigma L \cdot \langle \sigma \triangleright b$
 $\rho \sigma \cdot \langle \sigma \rho \rho \rho \rho \sigma \rho \sigma^{\wedge} C \wedge d \rho \rho \mathbb{a} \sigma \rho \rho \langle \sigma \triangleright b \langle \wedge \sigma \Delta \Pi \sigma \rho \rho, \langle \sigma L \wedge d \cdot b$
 $\rho \mathbb{S} \wedge \langle \sigma \sigma \setminus \wedge L \rho \rho \cdot \Delta \sigma \sigma \cdot x$

$L \rho_a \rho \cdot \Delta \triangleright x 3 x$

27° P2Lσ) P ΔJ∇. σ^Cε αV.Δ ΔJ.ρ.σ. ∇ Δ<ΓC',
σ^C ∇ ΛΓ <PΠα' ΔL.б ∇б 9.бσ. б ΔΓ Δ<ΓC' ∇ ΔJΔ'x

28° PΓ ΔJΔ' σ^Cε Δ^.9.Δ, P)C.∇. ΛCL σ^Cε α=
V.Δ PΓ P^<P.бJσΓ, Γ.б- Lб ΔL ∇ ΔΠσΓ; P ΔΠα.Γ. V=
↳ Δ^Λбσσ. σ^C ∇ Δ^.9.ΔJσC', P ΔΠ ΔJαΔC. CΛ^d-
Γ↳, ΛC Lб ∇ <PΠα' ΔL.б.х 2σ^, 2, 21x

29° Δα σ^Cε αV. P ΔJσбCбσ.Δ) ΔCε, σ^C Δα. σ^=
Cε Δ^:9., ∇<x ∇.Δd Lб Δ)C Γρ.∇ ∇CJ↳ б ΔΓ VΓ Δ=
σ^9 σC.ΔP↳'x ∇.Δd Lб .∇Γ ΔJσбCбσ.ΔΓ' σ^Cε P σ=
PΔdα.Δ'x

30° P2Lσ) P <PΠσ. ΔC.L, σ^C ∇<.Δ σC.ΔPΓбσ'
ΔC ∇J Γ.σσC.бσσ', ∇U) ∇ ΔJσбUσ'x 2σ^, 2, 15x
Λ^P CραΔб) 2x

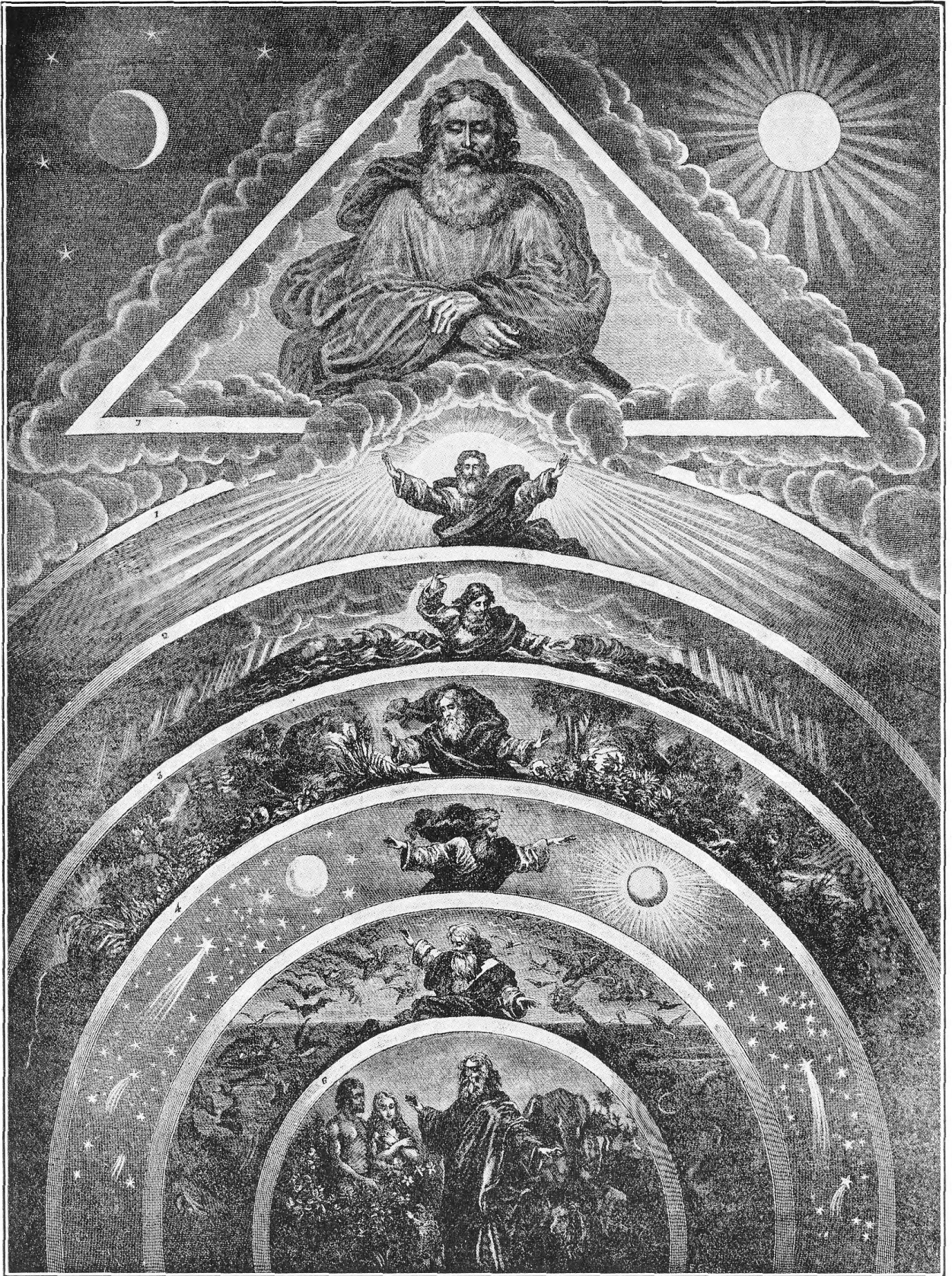
"σ C.V<σL. σ^C Γρ' \Π^)^, б V↳dσΓ
Δdρ'x, P ΠVσΓ9Γα."x

∇ Δσ(L9'. P2Lσ) PΓ VΓ CδJ' ΔΛLΓΔ.∇.x

1° P2Lσ) P ΔJ∇. ΔC.L σ^C ∇<.Δ CΛ^d- Δ)2σ.Δ
∇ α^ΛC.ΔσΓ ∇ <PΠα'σΓ σ^C ∇ .б↳^бΠρσΓ; P ΔUσC=
δρ.Δ' ∇б PΓ .Δ49σCρ' σ^C ∇б PΓ σΛΓ'x

2° LΓLσ) ∇ P ΔJαΔΔΠρ' CΛ^d- PσΛ', P Jρ^б.∇.
PΓ Δ.σC.ΔσΓ P2Lσ).Δ, PΓ ΓΓσΓ ΔσΓσ. Γσρσ. б P Δ=
PΔΓΓx

3° ∇ ασбΓΔΓ' >' Δ.σC] .Δσ.Δ. ΔΓ, P .Δα.Δ↳Jб=



10° $\Delta P \wedge P \cdot \Delta \Delta q \cdot \Delta \setminus P \sigma b \sigma \cdot \Delta C \cdot L \setminus \Delta \sigma d \setminus q \cap \wedge < \sigma \sigma \setminus$
 $P \Gamma C d \sigma \sigma \sigma \Gamma \Delta \wedge L \Gamma \Delta \cdot \nabla \cdot \Delta x \Gamma a P \sigma b \sigma \cdot \Delta C \cdot \Gamma \cdot \Delta \setminus P \Gamma \Delta \Gamma \sigma =$
 $C \Delta P \Delta d \sigma \Gamma \Delta \cdot P \sigma P \wedge \cdot q \cdot \Delta \vee \setminus \sigma \gamma \setminus , \Gamma a , \sigma \wedge C L \Gamma = P \Gamma \Delta \Gamma \Gamma C =$
 $\sigma \Gamma \Delta \setminus \Delta \gamma \Gamma \nabla \cdot \Delta \sigma \sigma \cdot \Gamma \rho \cdot \nabla \nabla \wedge C \wedge b \Gamma b \setminus x$

11° $\Delta \wedge L \Gamma \Delta \cdot \nabla \cdot b P \Delta \sigma C L b \sigma \cdot \Delta \setminus P \Gamma \wedge L \Gamma \Delta \setminus \Delta \sigma \sigma \cdot \Delta ,$
 $\nabla \cdot \Delta d P \cap \vee \sigma \Gamma q \Gamma a \cdot \Gamma \rho \wedge \setminus \Omega \wedge \setminus x$

$\nabla b \cdot \Delta \wedge b \setminus q \Delta \vee \cdot b < \sigma \setminus \Delta \gamma \Gamma \cdot \Delta \setminus x$

12° $\Gamma a \cdot C L \setminus , \nabla L \Gamma < \sigma \sigma \setminus \Delta \Gamma a \Delta \Gamma \setminus \cdot \Delta \setminus , P < \gamma U \cdot \Delta C =$
 $L d a \cdot b P q \Delta \Gamma \nabla \sigma C \cdot \Delta P \Delta d \setminus \Delta C \cdot \Delta L \cdot \Delta \Delta \cap < \Delta L q \wedge C L q \cdot x$

13° “ $L \cdot \Delta \Gamma \sigma \vee C \setminus P \Delta C \cdot \Delta \gamma \Gamma \cdot \Delta \setminus , \Delta \gamma \Gamma \cdot \Delta \setminus L b P \gamma L =$
 $\sigma \setminus P \Delta C \cdot , \sigma \wedge C \Delta \gamma \Gamma \cdot \Delta \setminus P P \gamma L \sigma \setminus \cdot \Delta \cdot x \nabla \cdot \Delta d \Delta \cdot \Delta \setminus L \cdot \Delta =$
 $\Gamma \sigma \vee C \setminus P \gamma L \sigma \setminus P \Delta C \cdot x \Gamma \rho \cdot \nabla q \cdot b a \cdot \Delta a P \Delta \sigma C < \setminus , a L$
 $q \cdot b \setminus \Delta \Gamma \Delta \sigma C \sigma \cdot \Delta \setminus \cdot \Delta a \nabla b \nabla \Delta \Gamma \Delta \sigma C \setminus x \cdot \Delta a P \wedge \Gamma \wedge b d$
 $\wedge L \cap \rho \cdot \Delta \sigma \sigma \cdot , \sigma \wedge C \Delta \sigma \Gamma \sigma \cdot \wedge L \cap \rho \cdot \Delta \sigma \sigma \cdot P \cdot \Delta \wedge U a L d \cdot \Delta \setminus \Delta =$
 $\sigma \sigma \cdot \Delta \setminus x \cdot \Delta \wedge U \cdot \Delta \setminus L b \cdot \Delta \wedge U \cdot \Delta \sigma \cap \wedge \wedge P \rho \cdot \Delta \sigma \setminus , \sigma \wedge C \cdot \Delta \sigma \cap =$
 $\wedge \wedge P \rho \cdot \Delta \setminus a L \cdot \Delta a \Delta \Gamma C \cdot \vee C \setminus L b \setminus x$ ”

14° “ $P \Delta C \cdot \Delta \sigma \sigma \cdot \nabla \vee \Gamma \cap \gamma \Delta d \setminus P \gamma L \sigma \setminus \cdot \Delta , L \setminus \nabla \Delta \sigma =$
 $\sigma b \rho \setminus x \Delta \cdot \Delta \Delta \sigma \sigma \cdot P C d \sigma \setminus P \Gamma \cap < \Gamma \setminus \setminus , P \Gamma < P \cap a L q \setminus \cap < =$
 $\setminus C L q \cdot \Delta \sigma \sigma \cdot \Delta L \cdot \Delta \wedge U \cdot \Delta \setminus \Delta \Gamma , \Gamma \rho \cdot \nabla \Delta \sigma \sigma \cdot \Delta \setminus \cdot \Delta a \Delta \Gamma P \Gamma$
 $C \cdot \vee C \Gamma \sigma \Gamma : a L \setminus \cdot \Delta a \cap \wedge a \cdot \nabla \Delta \sigma L \cdot \Delta \wedge U \cdot \Delta \setminus , L b \wedge d P \Delta =$
 $U \sigma \epsilon d \rho \cdot P \Gamma \cap < \setminus C \setminus \Delta \sigma \nabla \sigma \cdot \Delta \wedge U \cdot \Delta \sigma \sigma \cdot x$ ”

$\nabla P \Delta \sigma \sigma \cdot \Delta \Delta \cap \rho \setminus \Delta \gamma \Gamma \cdot \Delta \setminus x$

15° “ $\nabla \cdot \Delta d \Delta \sigma L C \cdot \vee \Delta \wedge U \cdot \Delta \setminus , b \Delta \wedge U a L d \setminus \Gamma \rho \cdot \nabla$
 $C \setminus \Delta \sigma \sigma \cdot b \vee \Gamma \Delta \setminus U \setminus \Delta C \Delta \wedge P \setminus x P \Delta C \cdot \Delta \wedge P \setminus \sigma \wedge C \Delta \setminus P =$

$\sigma \cdot \Delta_a$ P $\Delta \Gamma C \cdot$, $\zeta d = Lb$, $aL \cdot \Delta_a$ $\Delta \Gamma$ $P^{\wedge} q \sigma \Gamma d$ $\Delta \sigma \sigma \cdot \Delta x$ P
 $\forall \Gamma$ $aU \cdot \Delta \sigma \Delta$ b. $\cap \Delta_a \cdot \nabla \cdot \Delta \Gamma'$ $\sigma^{\wedge} C$ $\Delta \sigma \Delta$ b $\cap \Delta_a \cdot \nabla \cdot \Delta \Gamma'$ $aL =$
 $\cdot \Delta_a$ $\Delta \Gamma$ $\Delta \cap \sigma d x$ $\Gamma \Gamma \cdot \nabla$ Lb $\Delta \sigma \Delta$ b P $\Delta \cap \sigma d'$, P $\Gamma \sigma \cdot b^{\vee} P \Delta =$
 $\cdot \Delta \sigma \sigma \cdot$ P Γ $\Delta \Gamma \Delta \Gamma \Gamma$ P Γ $\Delta d \Gamma \Gamma \Gamma d \sigma \Gamma$ $P \Gamma L \sigma \cdot \Delta$, $\Delta \sigma \Delta$ b $C \cdot \vee \Delta =$
 $\sigma C \Gamma \sigma \Gamma$ $\Delta \Gamma$ $\Delta \Gamma \sigma b \Gamma \cdot \Delta$, $\Delta \sigma \Delta$ ∇b b P $\Delta \Gamma$ $\sigma C \cdot \Delta P \sigma \Gamma$ $\Gamma d \setminus$, ∇b
 $\sigma^{\wedge} C$ $\cdot \Delta \Gamma \Gamma \cdot \Delta$ $\Delta U \sigma C \Gamma \cdot \Delta \sigma \setminus$, ∇b $\sigma^{\wedge} C$ $\Delta \Gamma$ $\Delta U \sigma \Gamma \cdot \Delta \sigma \setminus$ $\Delta \sigma \sigma \cdot$,
 $P \Gamma L \sigma \cdot \setminus$ $\wedge d$ $\Delta \Gamma x$ $\Delta \Gamma \Gamma \cdot \Delta$ Lb P $\Delta \sigma \sigma \cdot \Delta \Delta \cap \Gamma$, $\sigma^{\wedge} C$ P P $\cdot \Delta =$
 $\Gamma C \Gamma q \Gamma d a \cdot$, $\sigma^{\wedge} C$ P P $\cdot \Delta C C \cdot L a a \cdot$ Δ $P^{\wedge} U \sigma C d \Gamma \cdot \Delta$, $P^{\wedge} U \sigma C =$
 $d \Gamma \cdot \Delta$ ∇ $\Delta \Gamma a \cdot b \setminus$ $C \wedge^{\wedge} d =$ $\wedge d$ Δ $\vee \Delta d \zeta a$ $\Delta C \cdot \Delta L \cdot$, b $\zeta b^{\wedge} P =$
 $\sigma^{\wedge} b d \sigma \Gamma$ $\zeta \cdot \nabla \sigma \Gamma q \cdot \Delta \sigma \sigma \cdot$ $\sigma^{\wedge} C$ $C \cdot \vee \cdot \Delta \sigma \sigma \cdot$ "

Δ $\cap C \Gamma \Gamma \cdot \Delta$ b $\sigma b \sigma \cap \zeta \cdot \Delta b \sigma \cdot \Delta' x$

16° $L \Delta$ P $\cap C \Gamma \Gamma \cdot$ $\sigma^{\wedge} C$ P $U \cdot \vee \cdot \nabla$ $\Delta \cdot U \Gamma$: " $\nabla \cdot \Delta d$ $\Delta \cdot \Delta$ b
 P $\cap C \Gamma L \setminus$ Δa q $\forall \Gamma$ $C d \Gamma'$ $P \Delta^{\vee} \cdot b$ σa , $\cdot \Delta a$ $\Delta \sigma \cdot \Delta q \sigma C d \Gamma \cdot$
 $\Delta^{\vee} \wedge -$ σa , $\cdot \nabla \zeta$ $\cdot \Delta a$ $\sigma^{\vee} C \cdot$ P $\Delta C \cdot$ $\cdot C \Gamma \Gamma$ $\Delta C \zeta \Delta$, $\sigma^{\wedge} C$ Δ $P^{\vee} =$
 $\Delta \sigma^{\wedge} b d \Gamma \cdot \Delta \sigma \setminus$ $\Gamma \Gamma \cdot \nabla$ $P a a a \cdot$ P $\Gamma \sigma b \cdot \Delta a a \cdot$ $\zeta \cdot \nabla \sigma \Gamma q \cdot \Delta$ $\sigma^{\wedge} C$
 $\zeta \cdot \nabla \sigma \Gamma q \cdot \Delta$; $\cdot \nabla \zeta$ $\Delta a a \cdot \nabla \cdot \Delta$ P $< P \cap a L b \cdot \Delta a a \cdot$ $\Gamma \Gamma^{\wedge}$ $\Delta \Gamma$
 Lb $\zeta \cdot \nabla \sigma \Gamma q \cdot \Delta$ $\sigma^{\wedge} C$ $C \cdot \vee \cdot \Delta$ $\Gamma \Gamma^{\wedge}$ $\setminus \Gamma^{\wedge} \cdot \Delta \Gamma < \sigma \cdot \Delta x$. $aL =$
 $\cdot \Delta a$ $\Delta \cdot \nabla a$ $\cdot \Delta^{\wedge} b =$ $\Delta \Gamma$ $\cdot \Delta C \Gamma \cdot$ $P \Gamma L \sigma \cdot \Delta$: $\vee \Delta d \zeta$ b $\Delta C' \Delta$
 $\wedge a \Gamma \cdot \Delta \sigma \sigma \setminus$ $\Delta C \cdot \Delta L \cdot \Delta$ P $P^{\wedge} q \sigma C d \nabla \cdot \zeta$

∇ $< \Delta U$ $\cdot \Delta \Gamma b U \setminus$ $L \Gamma a \Gamma \cdot \Delta$ $3x$

17° ΔL $L \Gamma a \Gamma \cdot \Delta$ $\cdot \Delta C \cap \sigma \cdot \nabla L b$ $\Delta L^{\wedge} b \Gamma \Delta \Gamma \Gamma q \cdot \Delta$ b P $\nabla =$
 $P \setminus \nabla$ $\cdot q^{\wedge} P a d \Delta b \sigma \cdot \Delta$ $\Gamma \Gamma^{\wedge}$, ΔC $P \Gamma L \sigma \cdot \nabla C \cdot \Delta \Gamma'$ b $\cdot \Delta C'$
 $\Gamma \Gamma \zeta \setminus$ $\Delta \cdot \Delta \sigma \Gamma$ $\cdot \Delta a$ $\Delta d \Gamma \zeta x$

18° $\Gamma \Gamma^{\wedge} \cdot \nabla$ P, P) $C \Delta \Gamma'$ P Γ $\cdot \Delta \Gamma \cdot \Delta d'$ ∇ $d^{\wedge} < L \Gamma \cdot \nabla'$ $\cdot \Delta P =$



C>^ .<F\,σ^) Δ P^P_ΔL.<Δb_α,ΛU>,γ^σ σ^C L>,9CC=
 .Δ> P .9^P_ΔdP. ΔΠ^b. ∇ ΔCσF_x Δ C^CΓ^ \ P .Lb^U=
 σ. CΛ^d= ΛP^σ σ^C Δ .Δ_αFb_α P .<Δσ.< CΛ^d= d_αx
 L^P_αP.<Δσ^ .<ΔLbσ.<Δ.<Δ \ J^P^ σ^C ∇_C>^ ∇ .ΔFΔ>ΓLΓ \
 γ^P^ ∇ .<ΔΓdΓ \ P^P_ΔL.<Δb_αx ∇ ΔP<σ^ <Δ>C ΔP b.<Δ
 P^P_σF b^d.<Δ_α.<Δ b <Δb.<Δ^U^b dΓ \ P VC.<L \ VCdP.<Δσσ.
 ∇ Δ.<ULbσσ^ : "∇.<Δd <Δ.<Δ b γP<Δ \ σdP^ b α∇_α.<ΔΔ', α=
 ΔC \ "x Γ_σ.<C L^ \ ,9,1-6x ∇d Lb <ΔσP σ^) P^P_ΔL.<Δ=
 b_α \ ∇ VCP \ <ΔσΓσ. VCdP.<Δσσ. P ΔΠΠd.<Δ \ γP^P.<Δσσ.
 P ΔΠCΓ.<ΔσP^σ.<Δ \ Lb_x ΛU> <Δ_σ= Λd P Δ.<U<Δ> : "UVσF9=
 >,Γ.<_ασ> ΔC PΓ ΔCσ.<Δ \ ,P^σ^Λ> α^dJ>σ,Δd^Δ ΔC σ b
 ΔσC_α> σ^) Γ.<bL:V> \ P_α ΔP, V> \ J^P^ ΔP, V> \ σ^C
 ∇_C>^ ΔP "x

L^P_αP.<Δ> x4x

Λ^P(C^P_αΔb> 3x

- ∇ P Δσσ.<ΔΔd' Γ_σLσ) .<Δx
- ∇ Δσσ.<ΔΔΠP^σF P^Lσ) Δd^P^x

1° <ΔσL LL^b(CJ.<Δ> ∇ Δσσ.<ΔΔΠP^σF P^Lσ) Δd^P^ b
 <ΔσJ^bU \ σ^ σ^C σ^) Λ^P(C^P_αΔb_α \ ,∇.<Δd <ΔσL LL^b(CJ=
 Δ>,P^Lσ) Δd^P^ ∇ P Δσσ.<ΔΔΠP^σF x

2° P^Lσ) Δd^P^ P VΓ Δσσ.<ΔΔΠP^σ.<Δ \ ∇^ ΔΠ_αL^P^σF Γ=
 >.<Δσ. σ^C <ΔL.<Δ b CΛ^d= P_α_α_α.<Δ>,.<Δ>.<Δσ^ b Δ^PσP^.<Δ=
 .<ΔσF Γσ.<Δ Δb.<Δ>,∇ Δ)(dσF Γ_σLσ) .<Δx

3° P^Lσ) Δd^P^ ∇ P Δσσ.<ΔΔbσ.<ΔσF P ΔσσbC bσ.<Δ=
 σ.<Δ γP^σ \ Π^σ) ^x

4° $\Delta\sigma L \Delta\gamma\Gamma\cdot\Delta$ " $\eta\rho^{\wedge}$ " $\Delta\cdot ULb$ $\Delta\wedge L\Gamma\Delta\cdot\nabla\cdot x\rho \Delta U\cdot$
 $\Delta\rho\sigma\cdot \Gamma\cdot C J\gamma<:$ " $\eta\rho^{\wedge} Lb \rho b \Delta\sigma\sigma b C\cdot \cdot\nabla\gamma b C \wedge L\Gamma=$
 $\nabla\cdot \Delta' \Delta\sigma\sigma L \Delta L\Gamma\cdot C\cdot\Delta\sigma\sigma\cdot\Delta \Delta\Gamma^{\wedge}x \Gamma\cdot C L\cap\gamma, 1, 21x$

5° $\eta\rho^{\wedge} \setminus \rho^{\wedge})^{\wedge} \Delta\sigma\sigma b C b\sigma\cdot\Delta$ $\Delta\rho\Gamma \rho \cap V\sigma\Gamma 9\Gamma\alpha\cdot \sigma^{\wedge} C$
 $\wedge d \rho' \Delta\rho L\Gamma\alpha\cdot, \cdot\nabla\gamma b\rho\alpha\cdot\Delta\alpha \rho \rho \Delta\sigma\Delta d\alpha\cdot \sigma^{\wedge} C \rho \rho \cap$
 $<\Delta L 9^{\wedge} C L d\alpha\cdot \Delta \Gamma d \setminus \Delta\Gamma x$

6° $\eta\rho^{\wedge} \setminus \rho^{\wedge})^{\wedge} \rho\gamma L\sigma)\cdot\Delta\cdot \sigma^{\wedge} C V^{\wedge}\rho^{\wedge} \Delta\sigma\sigma\cdot\Delta\cdot, \cdot\nabla\gamma$
 $\sigma\cdot\gamma\setminus \Delta\sigma \Delta\cdot\Delta\cdot:$ $\rho\gamma L\sigma) \sigma^{\wedge} C \Delta\sigma\sigma x$

7° $\eta\rho^{\wedge} \setminus \rho^{\wedge})^{\wedge} \nabla\gamma d \wedge d, \nabla\cdot\Delta d Lb \Delta L \nabla \Delta d\rho\rho\Gamma d\setminus$
 $\rho\gamma L\sigma)\cdot\Delta x$
 $\nabla <\gamma U \cdot\Delta\rho b U \setminus L\rho\alpha\rho\cdot\Delta, 4x$

8° $\Delta L L\rho\alpha\rho\cdot\Delta, \cdot\Delta<\cap\sigma\cdot\nabla Lb$ $\Delta\rho\sigma\cdot b^{\wedge}\rho\nabla\tau \nabla \Delta C=$
 $\Gamma^{\wedge}b\cdot\Delta' \Gamma\cdot C \Gamma\sigma\cdot\Delta \Gamma\cdot b - \nabla \Delta\gamma\Gamma\Gamma 9\sigma\Gamma \wedge\Gamma \Delta \cdot\Delta^{\wedge}b\Delta b\sigma=$
 $\Gamma\sigma \setminus \alpha\gamma U\cap \setminus, \sigma^{\wedge} C \nabla \cap<\Gamma J^{\wedge} C\cdot\Delta' \rho\gamma L\sigma)\cdot\Delta \nabla \rho \cdot\Delta\cdot\nabla\alpha<=$
 $\Gamma d\sigma\Gamma \rho\Gamma \cdot\Delta\alpha \Delta b\cdot\Delta\Gamma d\sigma\Gamma \Delta\wedge L\Gamma\Delta\cdot\nabla\cdot\Delta x \Delta\sigma L \Gamma\cdot b - \Gamma\sigma L=$
 $\sigma) \rho L L^{\wedge} b\Gamma) C 9\cdot \nabla L L^{\wedge} b C J\cdot\Delta \Delta\sigma\sigma\cdot\Delta\Delta L' \Delta d\rho\gamma \Gamma\cdot C$
 $\Gamma\sigma \cdot\Delta\gamma\cdot\Delta\sigma \setminus x \nabla\cdot b\sigma \Delta\sigma \cap<\Gamma J' \nabla \cap<J) C\cdot L' \Gamma\cdot C \sigma \setminus \eta=$
 $\rho\gamma \Delta' \Delta\sigma\sigma\cdot\Delta\Delta\cap\rho\cdot\Delta\sigma\sigma\cdot x \Gamma\cdot C \sigma \setminus 1, 26-55x$

$\Gamma\cdot C \Gamma\sigma \nabla \cdot\Delta C L d' \Delta\rho\sigma\cdot\Delta b^{\wedge}\rho\nabla\alpha x$

9° " $\sigma d\cdot C\rho \wedge\rho J \setminus Lb \Delta\alpha \Delta\rho\sigma\cdot b^{\wedge}\rho\nabla\tau \rho \Delta\sigma\sigma\gamma\Delta d$
 $\rho\gamma L\sigma)\cdot\Delta \Delta C\cdot\Delta\sigma \setminus \nabla\sigma b \Delta C\cdot b\sigma\sigma \setminus b\sigma\gamma\Delta \setminus, \alpha\gamma U' \nabla \Delta\sigma\sigma=$
 $b U\sigma \setminus, \rho\Gamma \alpha C\cdot\Delta<L' \Delta^{\wedge}\sigma\rho^{\wedge}\cdot 9\cdot\Delta b \rho \rho^{\wedge}\rho L\sigma\Gamma \alpha V\cdot\Delta J=$
 $\gamma' \nabla \Delta\sigma\sigma b\rho\sigma\Gamma, U\wedge' \Delta \nabla\gamma d U\Gamma\sigma \setminus b \Delta\Gamma\sigma\Gamma x \Delta\alpha \Delta^{\wedge}\rho\sigma\rho^{\wedge}=$
 $\cdot 9\cdot Lb \rho \Delta\sigma\sigma b\rho \Gamma\sigma x \Delta\alpha \Delta\rho\sigma\cdot Lb \nabla \wedge) 9\cdot\Delta', \rho \Delta U\cdot$

"P ΔCΓ⁶Π³, •Γ⁶Ρ⁶•bδ³ > Γσd•Δρ•Δ³, ΔΠVσr9• P •Δ=
 γ•Δ³, P 4•∇σCδρ³ ∇ ΔCΓ⁶ Δ⁶•9•Δ³"x Δ⁶Δ >Γσ• b
 VC³ Δ•U•Δσσ•, P Γδ⁶•bUσC⁶•σ⁶C P LΓ³σσC⁶ 9 ΔUσC=
 •bσσ³ >Γσ• b Δσ ΔCΓ⁶•bδ³; P ΔΠδ Lb Δ³∇σ•Δ: "∇b=
 •Δa 4ρρ³ Γσ, •∇⁶ P P U<9σCδρ³ PΓ 4•∇σΓ⁶ P³Lσ³ >
 LΠb Lb P b bσ⁶•C•Δρ³ P⁶<³σ⁶ P³ b Δδρρ³, P b
 ∇σσbC• Lb³ γρ⁶x bC P⁶Πρ•, bC ΔσσbCbσ•Δ³ Lb Δδρ³
 b L•Δr Δ⁶∇σCδρ³, ΔΠVσr9•Δ P³Lσ³•Δ Lb bC Γσd >
 PΓΔPL•Δ⁶•Δσσ• ΔC•Δ³ UAC, σ⁶C bC ΠVσC•Γ• •Δρσ•
 γδ< bP9x > PΓΔPL•Δ•Δ³ Lb aL•Δ⁶b- bC Δ⁶•b<σσ•x
 10x ∇δ Γσ ∇C³ Δ³∇σ•Δ: "Cσ 9 P Δr 3r bU³ ΔL, •∇⁶
 aL σ P⁶9σL• aV•? Δ³∇σ• Lb P a⁶•9•Δσ∇• ∇ ΔC³:
 "ΓσLσ³ P b ∇r ΔΠΠ³, σ⁶C b L•Δr Δ⁶∇σCδρ³ Δ b⁶ρ=
 Δ•Δ³ P b Δb•Δ⁶U⁶•bδ•Δ³x ∇•Δδ Δr ΔσL <4P 9•b³ 9
 σC•ΔρC³ > P³Lσ³ Δδρ³ bC ΔσσbU•x LΠb Lb P •ΔδL=
 b³ ∇σ⁶∇³• Δa P bσ⁶•C•Δρ³ ΔσΔ, ΔC ∇ P³γΠρ³; Δσ=
 Lb ∇•Δδ σd•C⁶ λρ•L³ ∇ bσ⁶•C•Δρ³ Δa aL σCΔ³• b P
 ΔσσbCbσ•Δ³x ∇⁶ aL C•b³ 9•b³ 9 •<C•ΔC³ P³Lσ³"x
 Γσ P ΔU•: "b a⁶•ΔCΓ⁶ > Δ³ Δ⁶•9 a b σ⁶•9L ΔΠVσr9•, ∇δ³
 σ: 6 3C b•Δ³ b Δσ Δ•U³ > x ∇δ Lb σ b Πδ³ Δ³∇σ•Δx

Fig. C Γσ ∇ P ΔΠC•Δ³ •Δr 4a ∇σ⁶∇C³x

11• ∇δ Lb Γσ ∇ <ρδ³ Γ•b- ΔσΔ Pσb•Δ, P P3U• Δ=
 C b³ Δσ •Δr•Δσσ³ Δ⁶ρσ•, ∇ b9σλ³, ∇³ ΔC•Δσ³ JUΔ³

σL Δ^C ∇, ∇ P^P P' ∇ PNL 9σf 9. Δ, x. Γf b P ΔC' dC =
• Δe. ∇ ∇^C ∇L ∇^C ∇' ∇. ∇S ΓS σ. ∇ b P 9" x L' e' . Δ, x 4.

∇ P σC. ΔP Δd' Γ. ∇. C Γσ. ∇ b P 9 . ∇^P σP^ . 9. Δσf x

∇ < U . Δf b U' L' e' . Δ, x 4

1° UC. Δ- . ∇L b σ. ∇ ∇^C . ∇S^ ∇f^, ∇. ∇ P ΔS
σC. ΔP' Γ^J' b Γd' V' ∇ ∇^, • Δe ∇. V ∇d e ∇. Δ b d' ∇^C
∇ e. e b f Δd' Γ. ∇. C Γσ. ∇ ∇ b. Δ ∇ ∇^C Γ. ∇. C J ∇ <, b P ∇ =
ΛP Δd' C Λ^d- ∇ ∇C. ΔL' x V ∇- ∇ ∇C Γ^J' e b σ' b ΔS
ΛΓS', P L' e. ∇ b σ. ∇. ∇. C Λ^d- . ∇^b- ∇S Δ b P ∇f V f
∇σ^9 ΔC f' ∇e σ. ∇' ∇^C b ∇V f b U', Γ^J' ∇ ∇^C Γ^C > x

2° Lσ^b σf. Δσσ. ∇. ∇. ∇L b σ. ∇. ∇. ∇ V f ∇ d f', ∇
V f P 2L σ) . ∇σL f', ∇^C . ∇^d' Δ^ΛΓ', ∇ ∇σ. ∇. ∇ σ b J =
f' ∇ Γe. ∇C J. Δ σ b J. Δσ. ∇. ∇. ∇: " b C . Δ L Γ f L b σ. ∇. ∇ P 2 =
L σ) L. ∇f P S d', ∇^C b C . Δ ∇ ∇. ∇. ∇ b ∇ ΓσC J. Δ ∇ ∇^P ∇
Γ. ∇ U ∇ f' x Γ. ∇. C ∇' 2, 14 x

∇ σC. ΔP' ∇f^ x

3° " Γ. b- ∇σΔ P S b. ∇, P . ∇. ∇. ∇ ∇ ∇ Δ^Λ b U σ. ∇ ∇ ∇' ∇ =
e. ∇. ∇. Δ ∇ ∇^ ∇ d^ ∇ ∇' x Γ. ∇. ∇ ∇ Δ^Λ b U ∇^P, P f L ∇ =
e Δ b f e σ. ∇. ∇. ∇ ∇L σ^C ∇ ∇P C f. ∇ ΔL ∇ e Δ 9. Δ ∇ ∇ P ∇ S C σ. ∇ ∇
Γ. b- ∇ ∇. ∇ b ∇ V σ f 9' ∇ ∇ U ∇ Δ' x ∇ d Γ. ∇. ∇ b Δ ∇ U f' P f
L' e Δ b f' f' Γ. ∇. ∇ C) ∇. ∇. ∇ ∇ ∇. ∇ ∇' ΔC. Δσ', J ∇° L b
• Δe' ∇ f' x P e b C' b ∇ e ∇ U' ΔC. Δσ' ∇ f', J U ∇^P ∇ ΔS
∇' ΔC. Δσσ' U Λ', V' ∇ ∇^C b ∇ ∇ σ b U σ', ∇ ∇ U Λ' ∇ V ∇ d =



UΓσ\ ̄σ^C ▷' Δσ^9ΛLΠρ•Δσσ\ P ▷r•, PΓ LρΔΔbρ', Δ=
 ρΓ Γσ•Δ b P Δ^dL' PΓ •ΔPL'x ΔΔΔ b P bσ^bC•Δρ=
 σΓx P ΔP> Lb, Γ•b- Δ>C ∇ ΔCΓ\ ▷ PδdL P ΠΛ<σσ•Δ
 PΓ •Δ<L•Δρ'; P σC•ΔP∇• Lb ▷ σ^CJΔσ ̄σ^C P •∇=
 •∇Pσ• •∇•∇Pσ•Δ•ΔΔρbσ\, P ΛΓδΓ• Lb Γ^dρΓΓρ'ΔΠd\;
 •∇Δ ΔL •ΔΔσ P ▷r C•Δσ• ΔC•ΔbΓd\^x

∇ bΓ ΛLΠρ' ρρ^x

4° •Δ<ΔC\ PΓ ▷PL•Δ\ ∇ σ^ΠΓ\ ∇ P^PΔCΔdΓ\ L=
 L^bΓ ΔLdΔ, P ∇Γ Δ)U•Δ\ PΓ PzLσ)•∇σLΓ\ ΔσΔ ΔΛ^=
 C•ΔδΔ ρρ^x, ̄σ^C ∇ <PΠΔL•ΔΓ\ ▷Δ•ΔΛ^dρσ>Δ CΛ^d- PΓ
 ▷PL• ∇δ Γσ', •ΔPLρbσσ• CΛ^d- PzLσ), ̄σ^C ΔP•Δ ∇
 •ΔPLdρσΓ CΛ^d- Δσσ• ∇δ Γσ'x Δ•Δ ΔP• P Δ<Πρ• ∇
 •Δ•∇δCσ•Δσσ\ Δ•∇Δ •ΔΔ• ∇ P >σΛLΠρ'x

5° P Π∇σΓ9ΓΔ• P <PΔbσ•Δ> PΓ ΔΔΓ∇•ΔbΓd\ σΓΔ•
 Pδb•Δ bΔ^•b σC•ΔP'x ∇•bσ ∇Δ•b> ΔσL ∇ Pδb\, ∇
 σΔ dΔPρ' PzΛρ^ ΓΔ•C Γσ P ΠΛ)C^ ΔσL PΓ <ΔPΔΠρ'
 CΛ^d- b P ΔCρ•Δσ•Δσσ\ Jρ^ ▷' ▷Δρ•∇•Δσ\^x

6° bΔ^•b ΔσL b <PΠΔbσ•Δ' ρρ^ PΓΔΔΓ∇•ΔbΓd\,
 ▷ σPΔ•b P Δ)CΔd ∇Γ^Π\, PΓ ΛLΓΔd' ∇ρC ▷r b P
 J^U<σCΓσΓ PΓ σ<Δd'x

7° PΓ P ΔPσσ\ ▷ J^U<σCJ•Δ>, ∇ρ' P)C^ Γρ•∇
 C) Δ•ΔδΔ Δ•ΔρU b Δ•Δδδ•ΔσΓ Δ^Λ- σΔ Λ>•Δ PΓ σ=
 <ΔΓΓ ∇'ΔΔΓ\ ̄σ^C •ΔΔb^ Δ>C ΔC•ΔΔ b ΔC•bσσP^x ∇=
 •Δd ▷d Δ•ΔδΔ\ b ΔσJΓΓ\ ∇ ΔδσbΠΓ\ "b <ΔPρΓ\ Δ=

15° Dd σρς' ΔσΝς·Δβς', ∇·Δd Dd: ρJ', b Δσσβρ'
ΛU', σ^C Δ'ρ' Δρςς, ρ^', γVUΔdρς, σ^C ·Δρςς J',
Vσ' σ^C <')ϷΓ, CL^ σ^C LΠς b >'ςβσ·Δ', ρ^' ΔTV
Ddρς σ^C CUD^, ρJ' b βςΔσσ·Δ' σ^C JC^ Δ^βΠΔ' b
P ·Δςς<PΠσδ' x

16° Lσ)·ΔLρςΔβ' ∇·Δd PρLσ) ΠΛς·∇ Δ Π<ρJ'·Δ',
P^ρσ(ΓΔδ Δσσ· ΔςΓσ· ρρ Π<ρJ'·Δσσ· x ρρ^ ·Δς ∇
Δ·Δ' PρLσ) Ddρς, ΔΛLρΔ·∇· b P ΔρCLβ·Δς' L·Δρ σ≠
C' Δ^Λ b Lρ<σ' Δ^P x

17° ∇ ·ΔρC' Δ P^P·ΔLρ·Δ' ρρ^, ρ^Λ- Γρ·C· P L=
L^βρΔσρρ', σ^C' L·Δ- ∇ LL βρΔσρρ' P ϷC' ∇ ρ)C=
Lδ' Δβ·Δς Γς·C Γσ·Δ, Δ^Λ ·ΔP)·ΔσLδρ·Δσ' βς βς=
Δ' P ·ρ^P·σ^Λσ· ϷΓς>' Δσ x Γς·C J', 2, 1-11x

18° ρρ ϷδC' ∇ γPΔ' Δ·Δσς, P <PΠςL·∇· Δρρς ∇
γΓς' σ^C ∇ Pρ·Δ)C·Δ', Δρρ Lβ ∇ Γ·ςPL' x "Δσςδ'
ρρ Vρ ρσρ', P Δ·U·; ΔσP b ρ^ΛC·Δρ' ΔΔ Ϸ·Δ, ∇·Δ=
·βσP ρρρδ·Δ ΔPL·Δ·Δσ' ρ ΔCρ' x Γς·C LΠς, 19, 14x

19° Δ^Λ ∇ ΔςΓΔ' ΔσΔ b Lσ<σσρ', P Δ·U<): "Vρ ρσ'
Γρ·∇ b Δ)^ρς', P b Δ·σΛΔΠς·Δ· Lβ" x LΠς, 11, 28x

20° ρρ^ ρ^Λ- P Γς)C·∇· ΔLρ·C·Δ, Δ^β· σ^C P
·ΔρΓρρρ· Δ^Λ Lβ b Δ·σσΓ', ΔL ∇ ϷC', P Δσ ρ^·ρ=
·Δσ·C·: "αL·Δς σ P Vρ Δ)C' ρρ ρ)LP' b 'βς^ρCΠ=
ρρ', Lβ Λδ ΔLρ·C·Δ' x Γς·C LΠς, 9, 13x Lρςρ·Δ' x 4x



Λ^P C P Δ Δ b > 4 x

"∇ P • Δ 9 σ C \ Δ ^ Λ > 2 P Δ ^ Λ a / Δ P L • Δ σ d < > ; ∇ P P ~
C • b • Δ b σ • Δ / P < > Π d \ ; ∇ P σ Λ / ; ∇ P a Δ b • Δ b σ • Δ / " x

LL ^ b C J • Δ Π < Δ L 9 ^ C L 9 • Δ > x

1° LL ^ b C J • Δ Π < Δ L 9 ^ C L 9 • Δ > , ∇ • Δ d Δ σ L b I . L ^ b U σ =
C • b \ P 2 L σ) Δ d P 5 ∇ σ Λ σ P P < > Π d \ P P Π < Δ L 9 ^ C L • Δ /
Γ P • ∇ ∇ C) ^ b σ P σ P Δ σ σ • Δ x

2° Δ Δ Δ > Γ • Δ a , " Δ ^ Λ > 2 P Δ ^ Λ a / Δ P L • Δ σ d < > Δ • U L =
b • a Δ ^ Λ > 2 P Δ ^ Λ a / b P L σ Π V σ P 9 / J U Δ ^ P \ , 7 P ^ ∇
P • Δ 9 σ C Γ Δ b σ • Δ / a ^ Λ - ∇ b • b C 9 σ C • b σ σ • P • Δ 9 σ C J =
• Δ a b P a • • Δ > • Δ \ σ ^ C Δ / Δ L d \ x

3° • Δ > • Δ • Δ 9 σ C J • Δ a ∇ Δ ^ Λ U σ C • b σ σ P , ∇ • Δ d • ∇ P P
Δ • U / Δ 5 > ^ Δ P ^ P • Δ Δ 9 • ∇ Δ σ J L / : " Δ σ σ • ∇ L Γ 5 7 σ C \ ∇
b • b C 9 σ J Δ d / P 2 L σ) • Δ σ ^ C ∇ • Δ) b • Δ b σ • Δ / P L P • C • Δ =
σ a • Δ Δ P / " x Δ 5 > ^ 5 3 x

4° Δ / Δ L d \ P • Δ • Δ 9 σ C Γ Δ d Δ 4 ^ d P • Δ σ σ • , 4 P P • Δ σ σ •
σ ^ C σ Λ • Δ b ^ 9 σ C J • Δ σ σ • x " σ > Δ L \ , P Δ • U • , L Γ 5 7 σ C : Λ =
σ ^ σ Λ • Δ σ \ Δ J " Γ Δ • C L Π > 26 , 38 x

5° Δ L Δ σ d \ • Δ 9 σ C J • Δ > a L b a 9 Δ Λ J ^ a C • ∇ σ C • b Δ =
< > P P P Δ P Π < Δ L 9 ^ C L b • Δ > \ x • ∇ 5 V > • b • ∇ < P b • Δ σ σ \
Δ Γ d ^ L • Δ - a • Δ - b C P Δ ^ d < σ < > P P Π < Δ L 9 ^ C L Δ > \ , ∇
P Δ ^ Λ P P P ^ b J L b σ σ \ ∇ b ∇ P P Λ < σ \ Δ b ^ P C L 9 • Δ > x

6° Δ d - L b Δ Λ L P Δ • ∇ • P Δ Π a L P P P • Δ 9 σ C \ Δ L Δ σ d \
Δ • Δ P U Γ ^ C Δ P P • Δ < Π σ • Δ / ∇ 5 P Δ C \ , Δ P P L b P P • Δ < C =

ΓΔC\ ρ^C P P ρ^9 <PΠαLC\ L·ΔΓ ΔCΓ\ PUAα\ ∇^ΛΓ
δ^C UσC·b\ LΓ·C·Δ, ·∇^4 ∇·Δ·9σ· b P ∫Cδ' P P σΛ'x

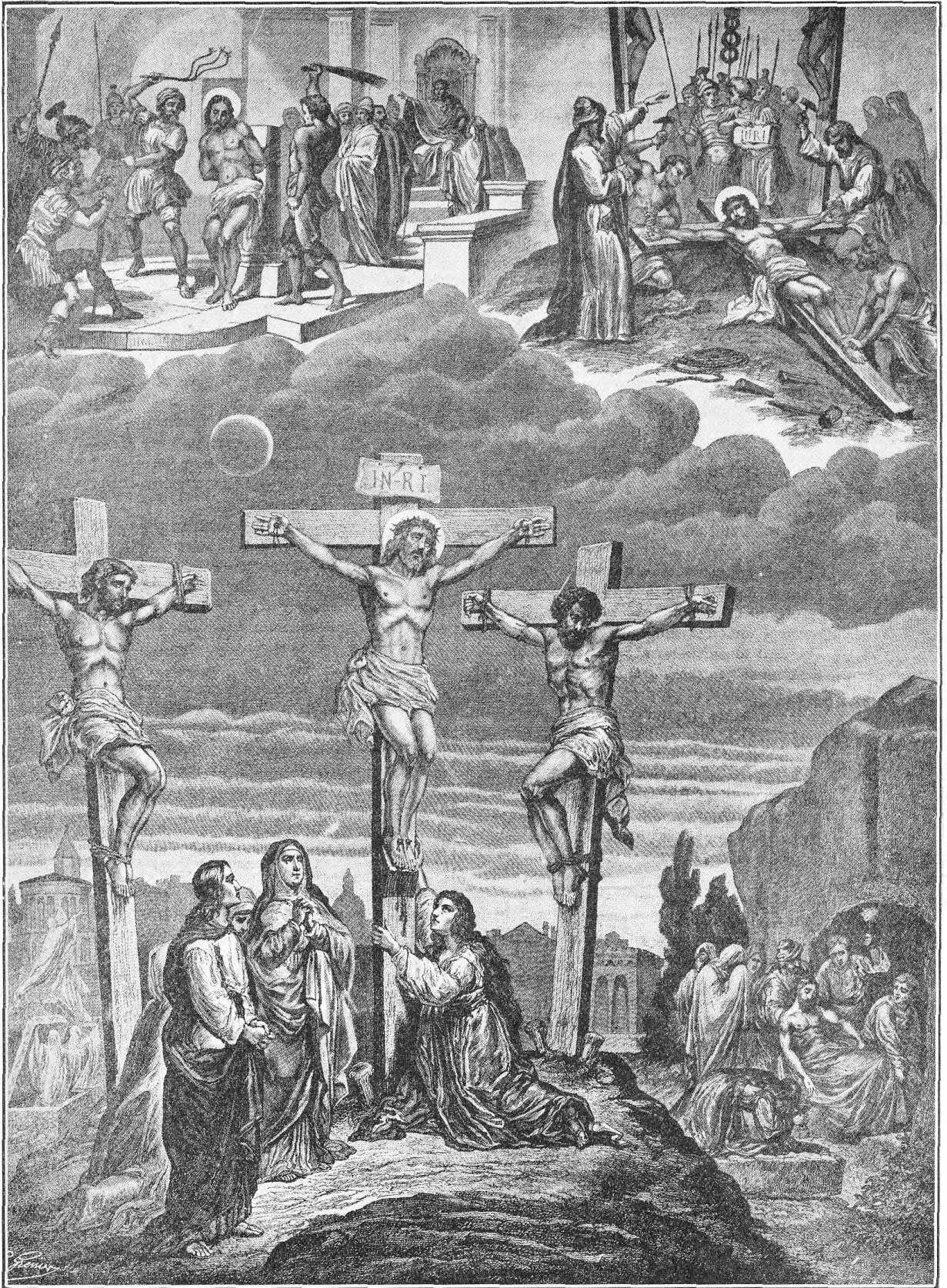
7° ηρ^η P ·Δ·Δ^49σC^ Δσ^ σC·ΔPΓbσ\, Γα Lb bΔ<=
4 ∫ ·Δ^bΔbσΓσ\, Γα Lb ∇ρC ∫ PΓ∫PL·ΔbΓδσ\, Γα Lb
ΛcC ΔC b Δσ ∫PL·ΔΛσΓ ρ^C LΓ-, b^T<Ω∇ ·ΔΓ'x

8° ΛΓ ∫c' σC·ΔPΓbσ\ P Γ^4ΓσC]·Δ ·Δ^49σC^, ∇ P
Δ^ΛΓ LΓ^4ΓσC\ ·∇Γ ∫' Δ·∇ρ·Δ Lb P Δσα·bσσ· C=
Λ^δ- Γδ ∇ Γσ<Pb·Δ\ Δ^P'x ∇·Δδ ∫C Lb ∫C^4, ∇^4\ Δ=
σΔ ∫' ΔσΠ^4·ΔbσL b ·Δ^4σ<PΠσδ' ∇ ∫ΓΓδ'x

9° ∫ ·Δ^bΔbσΓσ\ bΔ<^4, ∫C Δσσ·Δ\ ∫ PΓ^4^4P·ΔΓ^9=
·ΔσσΓσ·Δ, ηρ^η σ^·C· P Δ·σCΓσ·Δ ∇ P^9σΓδ' Γδ·C
ΛUαx ΔρΓ Lb P <<ρ·9·Δbσ·Δ>, P ρ·bCbσ·Δ> ρ^C P
ΔCbσ·Δ> ∇ P b^PCLρ' σΛ·Δσσ·. ∇ P ΔσσbΠΠρ' ∫Γ P=
ΩLδ) ∫δρ^4x

∫° ∫ ·Δ^bΔσΓσ\ ∇ρ', bC^Δ\ ∇ Π∇σΓ^9', b P ∇Γ Δ=
∫U^< > ηρ^4^Γ\ PΓ bα·∇σC\ Γ^4^b^9·Δ LδΩ·Δσσ·, P
>^Π^b]Πσ·Δ\ ηρ^4 ∇ ·Δ<σ\ Δδ∫σσ·, ∇ ·Δ <Λδ)C·ΔΓ\
ρ^C P Δσ ∫C·∇·Δ\ (Λ^δ- Δ·∇σbα b ·ΔσCσΓ ∫ Γ)σ=
σΓbσσ·

II° ΛcC ∫' ∫PL·ΔΛ·ΔbΓδσ\, ηρ^η P <<^4^U·Δbσ·Δ>
Γ^Πδσ· ∇ Δ<ΓC·Δ', ρ^C ∫b·ΔΓσ·bσ·Δ P ∫Γ PΓ∫PL=
·Δ^∫ΠαΔbσ·Δ>, ρ^C P σσ·ΔαΓLbσ·Δ> PΓ Γ^C^·b·Δ=
bσ·Δ'x ΔC·Δα ΠΛα·∇ Λc' P Δ·U< > ∇b ·Δ^4^ ∇ P ∫Γ



4° dCP Lb >L >Δ, ∇·Δd ΔΛ^C·ΔSγ Δ' ΔCL^bΓd·Δ·
∇dC ∇S P<·Δbσ·Δr γ·∇ ∇b b ṽbΔCṽr γ, ∇ >σΛLṽr
Lb ·<J S ·Δe·Δ· ṽΛe·∇ P r<^CΔṽr γ·Δ·σ·Δbσ·Δ·Δ·
P r P S d·Δ Γe·ΔC J·Δσσ·x

5° Lr = Lb, ∇·Δd e^b·∇ Δ^·bṽ·Δ, x ∇dCσ ∇C r γ b
·b>^P Cṽr γ b >σΛLṽr γ Lb ∇ P P^b P γ <^CΔ>·ΔσS S σ·
σ^C Λd P >C = b ΔLṽeΔbσr γ 9 Δ^·b<σσ γ b·b C P Δdṽ·Δ =
σσ· ·Δe·Δ ṽΛe·∇ Δ Lr·C·Δσ·Δ· Δr x bṽΔL·Δbσ·Δ·Δ·
ΛCL Δ^dU· Δr, ·<J S Λ>bΔr γ P r P S d γ, "ΔC ∇b 9·b γ b
·Δσ< γ 9 P Λ>9Lb γ" x

6° Λσ^ ∇ Δṽr<σσ γ ṽr^ Δ' ΔΛ^b·Δ, P ΔC·b γ dCP
ΔL >Δ C S 9·Δ, ΔCL^bΓ γ b P ΔS ΔC r γ ·∇^b = ΔΓ·C =
·Δ γ, ΔC ∇S ΔCσr Δ' ΔLdΓ·Δ·Δ· b P ·b>^P ṽr γ, b P >=
σΛLṽr γ Lb ·<J S C d S σσr ṽr γ x P ∇Δ·Δ γ b>ΓσC J·Δσ γ
σ^C Γ·L S Δ·Δσ γ, ∇b ∇ ΔσΓṽr γ, ΔσL ṽΔb γ ΛṽJbσ γ ΔΛ =
Lr Δdṽ·Δσ·Δ· 9 Δṽr<σσ γ x·∇ γ ṽb = ΔσL, P r P S d σ· P P =
<ΔbUσ· ·Δe·Δ· Δr, ∇ eσb r Δr γ ΔC Δ Lr·C·Δ γ Δr x ∇ =
dC ṽr^ γ ṽr^ γ b ΔS σ^C·Δ' ṽb> ΔΔ ΔL·b ∇ Δ·σΛ =
σr Δ^S ΔL Δ Λ·J·Δσσ γ, σ^C ∇ ∇Δσr P r C d S γ Δ ΛLr Δ =
·∇· <Λ>^ Δγ·Δ ΔΔ σσ C S 9·Δe, ΔσL ∇γ γ ΔCL^bΓ γ b ΔS
ΔC·Δ^< Δd ΔL·b γ, σ^C ΔσL Lr Δ^dU· b ΔS Δ^bṽr γ
b σS·Δe r Lbσ·Δr γ x 9 r e^C·b γ ΔL, ∇ Δ·U' Γ·C ΛU γ
Lr)·ΔLṽeΔbσ γ: "ΔσL σ^C b P Δr eC·Δ b 9^P L' ΔL·b

P<D>•ΔbΓd\” Γ•C ΛU,3,19x

7° P σC•Δ• DL Cσ9•Δσ\ Δσ, ∇ P VΔ\ Λd DΓ ∇
ΛLΓΔ•∇\; <C P Δ)U• CΛ^d- b P)CΓσΓ <σΔ b P
σbσ CδσσσΓ <Cx P Cσ9• <C Λσ∇ ∇ <ΔbUσ\ PΓ=
Pσdσ•,•∇h ησ^ ∇ <σΓ∇^C•<\ D C•ΔL•<,Δ•U^CLd P=
σbJ•< Lσ)•ΔLσΔbσ\,∇ Δ•UΔd\:“αL P b αbC• σ
<L\ <CL^bΓd\” σbJ•Δα 15,10x

8° ∇ P σC•Δ\ ησ^ DL <CL^bΓd\,αL •<σ∇ P DΓ
L^bΓd P b^PΔ•Δ\ σ^C > PΓDPL•∇σCδσ\Δ\,xαL σ^C
∇ •<σΠΛ^bσ\ <C VΓ DΓ <δΔbUσ• b •<σUσ\ > P^U=
σCδσ\Δ\; •9^PU Δσ Lb,P 9Γα<σCδC• > PΓ•C•Δσ\Δ\
σ^C P •<CΠσ•∇• C•V ∇ >δσσΓd\ P2Lσ)•<,DL <σΔ
b P <ΔC^C\ Γη•C• ∇ P LL^bΓ ΔσΓ9\ D C <^P\ x

9° <Λ)• 9•b > DΓ,P ΔC•<\ <CL^bΓd\ ησ^ σ^C >=
Γ•C•<\ x >δ LΓ- P ΔC•<\ <C CΛ^d- <•<bα\, ∇b
∇ <σΓ\ •Δα•< ΠΛα•∇ b^PΔ•Δσσ• 9 P DΓ <C>δσσ\ x
•Δα Lb ησ^,<C P ΔC• ∇ V>δ ΠVσΓΠσ\ Γ•b>^ Dσ=
Λ•<x σbJ•Δα 87,6x P ΔC• <C PΓ σδσC•<\ LΓLσ=
)•< > •<σΠΛ^Pσ\Δ b^PΔ•Δσσ• b P DΓ P<DΓΓ •∇σb-
>Γ•C•<;<C^ > LΓ•C•Δ\ > DΓ x

1.0° Γα Lb,P σC•Δ• <CL^bΓd\ Δσ,PΓ <•bσL\ •∇=
b• >Γ•C•<,PΓ Λ)σ<\ Lb•PΓPσd\ x <C Λd ∇ ΔC\,^P
•<^UαJLbσσ• Γσ•∇ 9^PΠΛ^bσ\ > P<D C•ΔbΓd•<\ σ^C



11° $\Delta C \wedge \sigma^y \cdot \nabla \wedge \sigma^b / \nabla P \Delta d \Delta \triangleright \Gamma \sigma \cdot \cdot \Delta \rho \rho \cdot \Delta \sigma \sigma \cdot x$

12° $\Gamma \rho^{\wedge} P \cdot \Delta \langle \Pi \sigma \cdot \nabla \cdot \nabla \Delta \triangleright / b^y P \triangleright \cdot \Delta \triangleright P \Gamma \cdot \sigma^{\wedge} \wedge - \langle =$
 $\langle P \rho \langle \sigma', \sigma^{\wedge} \wedge - \cdot \Delta \sigma \nabla \Delta \Delta \rangle \langle \Delta \Pi \rho', \cdot \Delta \cdot \Delta - \Delta^{\wedge} P \setminus \nabla \triangleright \Gamma$
 $P \rangle U' P \rho \rho \rho d \setminus \Delta \rho, \langle \wedge^{\wedge} d = L b \nabla \cdot \Delta^{\wedge} U \langle \sigma \setminus \nabla \Delta^{\wedge} \wedge \rho P \rho \langle \sigma'.$

13° $P \Gamma \triangleright \sigma^y b \setminus L b \sigma \sigma \setminus b L^y b \cdot \Delta P 9 \cdot b \sigma, \Delta \cdot \langle \rho b U \cdot \nabla$
 $b^y P \langle \rho' P \Gamma \triangleright \sigma^y b \setminus \nabla \cdot \Delta \triangleright \cdot \Delta' \Delta C L \cdot \Delta - \nabla \rho \rho \langle \sigma^y P \sigma \sigma \cdot 9 =$
 $\cdot b \sigma \cdot x \nabla \cdot \Delta d \cdot \nabla \rho P \sigma b C \setminus \Gamma \rho^{\wedge} \rho \langle \Delta b \Gamma d \sigma \cdot \nabla b \nabla \Delta b U =$
 $\sigma' \Delta \sigma \Delta \Delta \rho \sigma \triangleright b P \Delta \cdot d^{\wedge} P L \rho \rho \rho b P \wedge \rho \rho \rho \rho \rho \Delta^y \cdot b U \rho \setminus x$
 $P \wedge \rangle 9 \cdot L b \sigma^{\wedge} C \Delta \sigma L \nabla \wedge^{\wedge} P L \setminus \cdot \Delta^{\wedge} b \Delta b \sigma \setminus b P \Delta \rho \Delta =$
 $C \sigma \rho \triangleright' \Delta \rho \rho \sigma \cdot \Delta b \sigma L, \Delta C \rho \rho \cdot \nabla \Delta^y \cdot b U L \nabla P P \langle \Delta b U \sigma \rho x$

14° $\Delta^{\wedge} \wedge \Gamma \rho^{\wedge} \triangleright' \Delta b \cdot b \Gamma \sigma b \wedge \rho^{\wedge} b \Gamma \sigma \rho \cdot \Delta \triangleright \cdot, \rho \rho \cdot \nabla b$
 $P \sigma \cdot b \sigma \sigma P b \Gamma \rho \rho \sigma \sigma P \triangleright \rho \cdot \sigma b \sigma b \rho d \rho \cdot \Delta \sigma b P \Delta \triangleright' \Gamma \cdot b -$
 $\nabla \sigma \sigma b \rho \Delta b \sigma \cdot \Delta', P \triangleright \sigma \sigma \cdot b \sigma \sigma \cdot \Delta x \sigma \triangleright \sigma \setminus \wedge d P \Delta^y d \langle \sigma \sigma \cdot \Delta,$
 $\nabla \cdot \Delta \cdot b \sigma \Delta \triangleright \rho \rho \setminus \sigma^{\wedge} C \triangleright \rho \rho \setminus, \Delta \rho \rho L b \triangleright^{\wedge} \wedge b \setminus y$

15° $\triangleright \triangleright P b \sigma \cdot \nabla \sigma C \cdot P \rho P \cdot \Delta \langle \Pi \sigma L \cdot \Delta' \triangleright' \Delta \rho \rho \sigma \cdot \Delta b \sigma L$
 $\rho \rho \Delta \Delta C^{\wedge} C' L b \triangleright \cdot \Delta \sigma^y b \Delta \Pi \rho \cdot \Delta \triangleright x \Delta \rho \rho L b P \rho \cdot \Delta \langle \Pi \sigma L =$
 $\cdot \Delta' \triangleright C \cdot \Delta \triangleright \Delta^{\wedge} \wedge \nabla \triangleright \Gamma \nabla^{\wedge} C L C d; L \rho - L b, P \rho P \cdot \Delta \cdot \Delta \sigma \sigma C =$
 $\Gamma \Delta' \triangleright L \rho \cdot C \cdot \Delta \rho \langle \wedge^{\wedge} d \sigma 9 \cdot \Delta P \rho b \sigma 9, P \rho P \cdot \Delta \langle C \rho \sigma \rho \rho \wedge \sigma \cdot \nabla$
 $\triangleright^y P \rho \rho d \sigma \cdot \Delta \triangleright \rho \nabla b \wedge d b \cdot b \triangleright^{\wedge} P \langle \Pi \rho \sigma \rho \triangleright \rho, L b \cdot \Delta \sigma \cdot \Delta \Delta -$
 $\rho \rho \cdot \nabla \rho P \cdot \Delta \rho 9 \sigma C \setminus x$

16° $P \sigma C \cdot \nabla \sigma C \cdot b \setminus \rho \rho \sigma \Gamma \rho^{\wedge} \Gamma \sigma P \rho \cdot \Delta \sigma^y b' \triangleright \sigma \wedge \cdot \Delta \rho \rho$
 $\rho \rho \sigma d \langle \cdot \Delta' P \rho L \sigma \rangle \cdot \Delta \triangleright \cdot b \triangleright^{\wedge} d \rho \langle \wedge^{\wedge} d \sigma 9 \cdot \Delta \sigma \sigma \cdot x \Delta \sigma b P$
 $\sigma \sigma \Delta C \setminus \Delta \rho \rho \sigma \cdot L \sigma \rangle \cdot \Delta \Delta C \rho \cdot \nabla \cdot \Delta \sigma \sigma \cdot b P \triangleright \rho \Delta C \cdot \nabla \sigma \rho', \Delta \sigma$



Λ^P C Γ Δ b > 6: "P P P J d \ ∇ P Δ Λ^b /" x

1° b ∅ Γ C Δ ∇ P J b σ \ b Δ^ ∅ b ∅ Δ σ^ b / γ^ ∇, ∅ Δ Δ ∩ Λ Δ =
∅ ∇ Δ b^ P Δ ∅ Δ σ \ P Δ J Δ Λ^ b ∅ P P P J d \ ∇ b Δ ∅ Δ Γ d / Δ
P^ P ∅ Δ L ∅ Δ b Δ x

2° Δ L P Δ P > Δ σ L ∇ P J b \ "Δ Λ^ b ∅ Δ P J b^ ∅" b Δ J σ b U >

3° ∅ < J J Δ Λ^ b / γ^ ∇, P Δ C ∅ P P P J d \ ∇ P J L σ ∅ Δ /,
Δ L L b Δ Γ Δ C ∅ ∇ Δ σ σ ∅ Δ /; b Δ^ ∅ b Δ Λ^ b / L b, P Δ C ∅ ∅ C =
Λ^ d - ∇ P J L σ ∅ Δ / ∅^ C ∇ Δ σ σ ∅ Δ / x

4° P ∩ V σ Γ 9 Γ Δ ∅ P Δ Λ^ b ∅ P P P J d \ P Γ P Δ Γ Δ ∩ Δ L σ /
Δ Δ L P^ U σ C d σ ∅ Δ > b U < 9 σ C d σ^ < > P Γ Δ C > σ /, P Γ ∅ Δ ∅ ∇ =
J C L C \ C J 9 ∅ Δ >, P Γ Δ > Γ^ C L C \ Δ ∩^ b ∅ Δ C ∅ Δ L ∅ Δ, ∅^ C L b
P Γ Λ J ∩ > Δ L C \ Γ ∅ L σ ∅ Δ x

5° Δ / Δ Λ^ b ∅ Δ > P ∩ V σ Γ 9 Γ Δ ∅ Δ L Δ J Δ σ J Γ b U σ ∅ ∇ L =
Γ < σ \ L σ Δ b > "Δ J ∩ > ∅ Δ b Δ \ Δ / Δ J Γ 9 ∅ Δ σ ∅ Δ ∅ Δ" b Δ J σ b =
U \: "Δ σ L d C \ L σ Δ b > σ P Δ J C >, Δ ∩ Δ Λ^ ∅, Γ σ ∅ ∇ b P
∇ J L Γ ∅ C \ ∅^ C P^ P ∅ Δ L 9 / γ^ ∇, Λ σ^ ∅ Δ L ∇ P J b \ b P
Δ ∩ Δ b σ ∅ Δ / Δ^ Λ Γ \, < ∩ L ∅ Δ Δ Γ ∅ L σ ∅ Δ Δ Δ Γ b P Γ Δ / Δ Δ =
∅ ∅ ∇ ∅ Δ Δ Δ σ Δ Δ J ∩ > ∅ Δ b Δ b P ∅ Δ ∅ ∇ Δ < L /; Δ σ Δ ∅^ C b P ∅ =
d σ^ C ∅ Δ / ∇ Λ L ∩ σ / b Δ^ ∅ b ∅ Δ > 9 σ C \, Γ Γ / 9 Γ Δ < σ C J ∅ Δ Δ
Δ Γ, ∇ P ∅ Δ < Γ d / ∅ Γ C Δ ∅ P J b ∅ Δ, ∅^ C ∇ Δ σ J C \ Δ σ Δ b
∩ V σ C ∅ b σ σ P P J L σ ∅ Δ Δ Δ / Δ P L ∅ Δ ∅ Δ σ σ \ x ∅^ C L b ∇ L ∅ Δ =
Γ Δ ∅ σ Γ ∅ Δ Δ Δ σ Γ, P Δ C ∅ ∅ Δ U ∅ ∇ b P Γ P ∅ U σ Γ γ ∩ > Γ \ Δ Γ
L b P Γ V C ∅ L σ Γ Δ / Δ σ C L 9 ∅ Δ σ σ ∅ Δ C ∅ Δ L ∅ Δ, Δ σ L, b Δ ∅ U /

b P VCT\ \sigma_a \Delta r x \cdot \nabla h \cdot j \cdot c \cdot v P \rho b \Delta C 9 \cdot \sigma \wedge \Delta r ; L b
 P a \cdot \Delta P b \rho b \Delta C b \cdot \Delta a \cdot \Delta \cdot \Gamma \rho L \sigma \Delta r ; \cdot < _ J S \Gamma \eta \Delta P S b \cdot \Delta
 \Delta \sigma d \cdot x \Delta \wedge L b b L \cdot \Delta r \Delta \Delta r \cdot , P b \cdot 9 r \Gamma \cdot \Delta \cdot \nabla \Delta \cdot U r \cdot ; ' U =
 V \sigma r 9 \Delta \cdot , \Delta \rho \cdot a \Gamma \cdot b \cdot P b P \cdot \nabla \Gamma a \cdot \Delta \cdot \zeta \nabla r \Delta P L \cdot \Delta \cdot \Delta \sigma \sigma \cdot ?
 P \Delta \cdot U \cdot L b : " a L \cdot \Delta a P a \cdot \Delta \cdot P b P \cdot 9 \sigma U C \cdot \Delta \cdot \Delta \sigma \Delta P S b =
 \cdot \Delta \cdot \sigma \cdot C \nabla \Delta \wedge C \Delta \cdot \Delta \cdot \Delta \cdot \Delta C \cdot \Delta L \cdot b P \Delta \cdot C \cdot \rho \wedge a \cdot \nabla \Delta b \cdot P =
 \Delta \cdot \Delta \sigma \cdot x L b P b \Gamma \sigma b \cdot \Delta a \cdot \Delta \cdot \rho b \rho \cdot \Delta \cdot \Delta \wedge P \Delta \rho \rho \Delta \Delta \cdot 9
 \Gamma \rho L \sigma \Delta ; \sigma \cdot C L b P b \rho \Delta r \Gamma a \cdot \Delta \cdot \eta \rho h \Delta \Gamma \cdot \sigma \cdot C \Gamma \rho \cdot \nabla J C
 \Delta \cdot P \cdot \sigma \cdot C h L \rho \Delta \Delta \cdot \sigma \cdot C \wedge \sigma \cdot L \cdot \Delta \cdot \nabla \Delta \cdot \sigma \cdot b \Delta \cdot \Delta \cdot P \cdot x
 \Delta \wedge L b \Delta \Delta 9 \cdot b a b P \Delta \cdot U \cdot , \Gamma \cdot b \cdot \nabla b a \cdot \Delta \wedge \sigma r , P \Delta \wedge a =
 b \sigma \cdot \Delta \cdot \sigma \cdot C \cdot \Delta \cdot d \cdot P \Delta \rho a b \sigma \cdot \Delta \cdot , P \Delta \sigma d a d \rho \cdot C d \cdot \Delta \cdot L b x
 \Gamma \cdot b \cdot L b \rho b b \Delta C \wedge r \cdot P r P S d \cdot \Delta S \Gamma \cdot b \cdot \nabla \Delta \wedge \sigma b \sigma r , L =
 \rho b , \sigma \rho a v \cdot \Delta P \cdot \Delta r b < \cdot \Delta \cdot C d \cdot \Delta \cdot \nabla \Delta \cdot \wedge \Delta \sigma r ; b \Delta \cdot U \sigma r :
 " P a \cdot \Delta \cdot \Delta \sigma \sigma \cdot \Delta \cdot b \sigma \Delta \cdot \Delta r , C \sigma P \cdot \nabla r \Delta S b < \cdot \Delta \cdot \Delta \cdot \nabla \Delta C \wedge =
 \Delta \cdot P r P S d \cdot ? \Delta \cdot \Delta P \Delta < \cdot \eta \rho \cdot b \Delta \rho a b \sigma \cdot \Delta \cdot \Delta \cdot \wedge \Gamma \cdot \Delta S P =
 a \cdot \Delta \cdot \Delta r , \nabla d C \wedge \cdot d \cdot 9 \Delta S C d S \cdot , b \Delta S \cdot \Delta < \Gamma \cdot \nabla \Delta \cdot U \cdot
 P r P S d \cdot x

6° \eta \rho \cdot P \Delta \wedge \sigma b \cdot \Delta a \rho \wedge a \cdot \nabla \Delta \rho b \rho \cdot \Delta \sigma \cdot , \nabla b \nabla \cdot \Delta =
 r \Delta \cdot , a L \cdot \Delta a C \wedge \cdot d \cdot \nabla \sigma \Delta \cdot b P \Delta \rho \sigma \cdot P r P S d \cdot \Delta S \wedge r \nabla
 \Delta \cdot d U \cdot \Delta \sigma r \rho \rho \wedge C < a \cdot b , \sigma \cdot C \wedge d \Delta < d \cdot \Delta \rho \Delta \cdot P \cdot b P \Delta =
 S \cdot \Delta \sigma d \cdot \Delta \cdot \Delta \sigma \cdot \Delta \cdot \sigma \cdot C L b \Delta a \wedge \sigma \cdot b P \wedge \Gamma \cdot \Delta \sigma d \sigma r \Delta \cdot \Delta =
 \Delta \sigma \Gamma \sigma \cdot \Delta \Delta \rho V \sigma r 9 \cdot \Delta x

7° \eta \rho \cdot P \Delta \wedge \sigma b \cdot P r P S d \cdot \Delta S , a L \cdot \Delta a \Delta \sigma L \wedge d \Delta r \Gamma =

σΛ•Δ ΔΓ, ∇ P ΔΛ•b / P P P S d \ Δ S, Δϖ = L b ∇ ΔΛ•Δ / Δ
P P σ•P σ \ Δ C • Δ ϖ x • Δ P ^ U σ C • b σ σ \ Δ / Δ Λ • b • Δ ϖ b Δ P
Δ d C σ • Δ σ σ P Δ P ^ U σ C d ϖ • Δ ϖ ϖ C Δ L σ) • Δ Δ P L • Δ • Δ ϖ x

∇ < ϖ U • Δ Γ b U \ L ϖ ϖ ϖ • Δ ϖ 8 x

11° Δ C • Δ ϖ Γ b U • Δ Λ • b • Δ ϖ ∇ L ϖ ϖ U \ x Δ ϖ • Δ Γ \ Δ C =
• b • ϖ σ ϖ ∇ Γ • < L ϖ ϖ P x ∇ d L b Δ σ L U C • Δ = b Γ • < L ϖ ϖ \
∇ d C b Δ P Δ Λ • b / P ϖ ∇ σ Γ ϖ Γ ϖ • P P P S d \, ∇ b ϖ • Δ < Γ d / Δ
P ^ P ϖ Δ L • Δ b ϖ ϖ ϖ C b • b ϖ ^ P ϖ σ Γ Δ • ϖ ϖ • Δ x P ϖ b C ϖ, • ∇ ϖ b =
∇ Δ C Γ ϖ ϖ σ • Δ \, ∇ Γ ^ b ϖ • ∇ L b σ σ \ Δ ϖ L ϖ σ Δ ϖ / • Γ Γ Δ ϖ C
b P Δ P ϖ b C \ Δ ^ P σ • x L ϖ ϖ ϖ • Δ ϖ = 8°

Λ ^ P C ϖ ϖ Δ b ϖ 6 x

"Δϖ = ∇ ΔΛ•Δ / Δ P P σ ^ P σ \ P ϖ L σ) Δ C • Δ L • Δ Γ ϖ • ∇
σ C • Δ C σ Γ " x

1° ∇ Δ • C σ • Δ \ ∇ Δ Λ / Γ ϖ ^, Δ • C Γ b U • Δ L, ∇ Δ • ϖ Λ / ∇
Γ • ϖ σ C Γ Δ d / ∇ b • Δ ^ b = ϖ P S Λ < σ σ \ Γ • ϖ σ ϖ • Δ σ σ • x

2° Γ ϖ ^ Δ Λ • P P P S d \ C Λ ^ d - P P Δ P L • Δ P P Δ P L • Δ Λ • Δ =
σ \, ϖ ^ C Λ d Δ ϖ < ^ d σ ϖ • Δ Λ < ^ d σ ϖ • Δ Λ • Δ σ \ x Δ L L b σ • ϖ =
ϖ \ ∇ Δ ^ Λ U σ C d ϖ /, Δ C ϖ • ∇ • ϖ ^ C ϖ < ^ d σ ϖ • x • < ϖ S ϖ b C \
Δ ^ P σ •, P Δ • U < ϖ : " Γ ϖ • ∇ b ^ P Δ • Δ ϖ σ Γ σ b • Δ ϖ P P P S d \ ϖ ^ C
Δ C Δ ^ P \ ϖ Γ ϖ • C L ϖ ϖ, 28, 18 x

3° P ϖ < - Δ • C σ • Δ ϖ : " Γ ϖ ^ Δ Λ • ∇ • Δ P P σ ^ P σ \ P ϖ L σ =
) Δ C • Δ L • Δ " x Δ Δ Δ • U • Δ ϖ Δ • C Γ b U • Δ Λ d : Γ ϖ ^ ∇ P ϖ L =
σ) • Δ / • Δ Γ ^ Λ U σ C d ϖ Γ • Δ C • Δ L • Δ, Δ ϖ Γ L b ∇ Δ σ σ • Δ / • Δ ϖ



79. Δ, ∇ Δ^Λ Γ Δσδ \ LΠαLC \ \ Π^) ^ " x ∇ V ρ ρ α \ , 4, 7 x

∇ < > U • Δ Γ b U \ L ρ α ρ • Δ , 9 x

10° L ρ α ρ • Δ , • Δ < Π σ • ∇ L b , η ρ ^ ∇ Δ Λ / P P P P δ \ Δ P P =
σ ^ P σ \ Δ C • Δ > , P ^ U σ C δ ρ • Δ P P Δ P L • Δ Λ • Δ σ \ ; Δ > 2 σ • Δ σ ^ C
Δ Γ ρ • C • Δ • Δ ρ b Γ b < • Δ ^ C δ , σ ^ C Δ P P Δ P L • Δ Λ • Δ , ρ) α Γ σ • Δ
b Γ η Π σ Γ P P P P δ • Δ Δ L • b x Δ C • Δ L • C δ α • P P Δ P L • Δ b ^ P =
> • Δ σ Γ ^ Π δ σ • , Δ δ ρ ρ L • ρ < > Π • b C δ σ • , σ ^ C L b C δ α • L \
Δ ^ P σ • ∇ σ ρ ρ \ , b P Δ ρ C / Δ C • Δ L • b P Π < Δ L ρ ^ C L C \ Δ =
δ ρ ρ L • , σ ^ C b < > P C / Γ ρ L σ) x L ρ α ρ • Δ , - 9 =

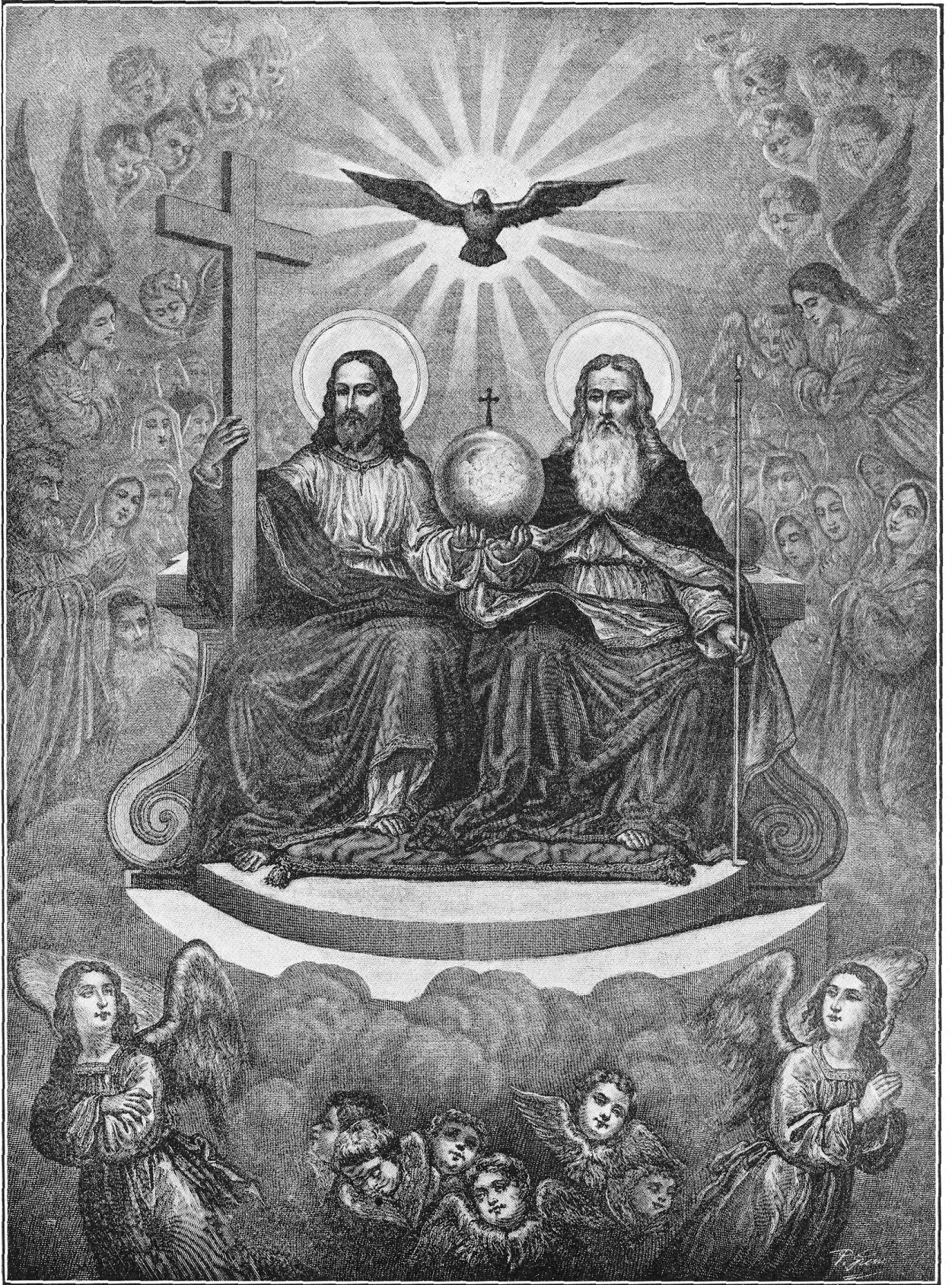
Λ ^ P C ρ α Δ b > 7 x

" ∇ δ U ρ Δ) U / P P V P Π < ^ δ α / V L Π ρ σ Γ σ ^ C σ Λ σ Γ " x

1° Δ Δ Δ • U • Δ α P P ^ P ρ Γ δ α α • Δ ^ Λ Δ ^ • b < σ ρ Δ ^ P , η ρ ^
\ Π ^) ^ Γ α P P C δ ρ \ ∇ ρ δ ρ / σ ^ C P P Δ P L • Δ • Δ σ \ P P Π =
< ^ δ α / L b Γ ρ • ∇ Δ σ σ • Δ σ ^ C P P Δ ρ Π < Δ L • Δ / Γ ρ • ∇ C)
Δ • ∇ σ • Δ ∇ ρ b ^ P C L ρ σ Γ x

2° Δ σ Δ Δ > Γ • Δ α " V L Π ρ σ Γ σ ^ C σ Λ σ Γ " b • Δ Γ b U P Δ Γ
Δ σ Δ L b σ • Δ > Δ L \ x " V L Π ρ σ Γ " , ∇ • Δ • b σ P b Λ Γ ^ b δ ρ \ L σ) • Δ
ρ • ∇ σ Γ ρ • Δ σ σ • σ ^ C Λ δ Δ Γ ρ • C • Δ \ ; " σ Λ ρ \ " , ∇ • Δ b σ P b
Δ C ^ Λ σ ρ \ P P < ^ C Δ) • Δ σ \ σ ^ C Λ δ Δ L ρ • C • Δ \ x

3° Γ • b = Δ L Π < ^ δ σ ρ • Δ , P b Δ Π ^ b • Δ b < • Δ ^ C • Δ α • Δ =
Π < ^ δ σ ρ • ∇ • Δ > • Δ > \ σ ^ C ∇ Δ L δ • Δ > \ x Δ σ P ρ Λ L Π ρ Γ \
Δ C Δ ^ P \ Γ α C δ ρ σ U η ρ ρ C ρ \ b C σ Λ • Δ \ σ ^ C Γ α • Δ < =
b C • Δ σ ^ b • Δ \ x C δ ρ ρ η ρ ^ , ρ C C • Δ , σ ^ C ∇ b ∇ V Δ / b C C =



4° P b N<^dσb•Δαα• •Γr b Δf b^p(Lp>^ p Γ_)=
 C]•Δσα•Δ ρ^C Λd P Lr)C]•Δσα•Δ Δr, ∇ ΔUσCL^, ∇
 Δ•U>^, ∇ >CL^, ρ^C Λd 7b ∇ P >CL^ q P >CLd< > q
 Δ^Λr •b>^ N<dσ^ C) Δ•∇α, •Δα 7r^ \R^)^ NΛα•∇
 P Δ•U• P r αC•∇σCδr>^ P r N<^dσb•Δ>^ Γr•∇ C) <=
 •b>C• Δ>Γ•Δ > Δr x Γ_•C Lr>, 12, 36x P Δ•CC^ DL b
 Δ•U': "Γr•∇ C) Δ>Γ•Δ > b P Δ<rCσ•Δ^ ∇b •Δ4^ ∇
 Δα<C^" x

5° P P^qσUαα• DL LL•Δ N<^dσq•Δ > P r ΔNf<σ^
 Δ^Λ Δ^•b<σq Δ^P x ΔσL Lb ∇b b P^qσr b U^ ρ^C ∇b =
 •Δ^b' q Δr P^qσr b U^ ∇•Δd Cσ^Λ q Δ^•b<σ^ Δ^P x
 q 2Lσ) αL P 4VσC^ P r P^qσCΓΔC^ Δ7σ• Cσρ P r Δr
 •Δ•∇σ>^ Δ^Λ DL ΔNf<σq x

6° Γr' P^P_•Δr r b α σ b σ N<^dσ r b U•Δ Lσ)•ΔLr_α Δ b σ^
 q Δr P^qσC•b^ σ>bα••Δ Cδf q Γ>•Δr N<^dσq' x Λr^
 bC •Δσ^Λ^P r^, NΛ^P Λr^ αL bC 6b r q, Δ6d5^ bC <P=
 f•α^ •Δ^d^ Δr, ρ^C bC •P•b >, Δr r Lb ∇ LL•U>b=
 L^b^ P r b Γ α^Λ- bC' d^C r C•b > x

7° ΔΔ P^P_•Δr r b α DL Δf Δσ]C^ Γ_•C L^, 18, 19
 "•∇^ 7•b- ΔσΔ ∇ P f b P, ΔσΓr_ασ•Δ >, ∇b•Δ^b- b Δf v r
 ΔσL^ Δ^Λ > b L r Δf Cσ•Δ > Δσ∇σ• b P Δf C' P 2Lσ), Λ=
 σ^ Δσ^ ∇b•Δ^b- ρ^C q Δ^Λr ΔσL' x P^Λ > Lb ΔNvσ=

Λοι x ∇◊Δδ ∇∇ Pα◊Δ◊ Δς◊ΔΛ∖; ∇∫ αL◊Δα P P^9σUα=
◊Δ◊ Δ^Λ b NVσC∖ ◊Δ^b>βσσ◊ 9 Cδς∖, ∇ ∇Cδςσσ∖ ∘^C
Λδ ∇ PP2<βσ∖; L^d= 9CC◊Δ> Cδς9 P b Γ^bδ◊Δ◊ ∇
σ<ς∖ x ΔσL Lb Pα◊Δ◊ b ΔNCδ∖, Γ^∇ σ' ΔC◊Δ∖; Δς=
◊ΔΛ∖ *x

8° C<^∖ ◊Δα ΔσL LL◊Δ NC^dσ9◊Δ> 9 ∇∇ NC^dσ∖
Γ^∇ Δσσ◊Δ∖ Δ^◊b<σσ9 Δ^Pσ◊, ΔC◊b> Δ∇∇ δC∖; ∇◊Δδ
ΔσL b ∇∇>δ NC^dσbσ◊Δ∖ b <<σ∖ Γ^∇ C) Δ◊∇σb> ∇∇
◊C>∖ b σΛασ◊Δ∖ x

9° ∇L Lb ∇∇>δ NC^dσ9◊Δσ∖, ∇b ∇ P^Pb∖ Γ>◊Δσ◊
ΔL∖ ∇NC^b◊Δb<◊Δ^C◊∇◊ P2Lσ)◊Δ ∇ ∇>δ'; ◊Δα Lb ΔσL
LL◊Δ NC^dσ9◊Δσ∖, ΔL∖ Γα ∇ >∇^b∖ Γ>◊Δσ◊ bC NC^=
δαbσ◊Δ> Γ^∇ Δ◊∇σ◊Δ ∇ bα◊Δ<Γδ' x

10° ΔσL LL◊ΔNC^dσ9◊Δ> αL◊Δα bC ◊9^PCLb> b P Δς
NCΔL' Γ^∇ C) ∇◊∇σb> ∇∇>δ NC^dσ9◊Δσ∖ x Λδ Lb bC
<βU ◊Δ<NC◊∇Lb> Γ^∇ ∇^ΛC^bΓb∖ ∇ ◊b>^δNC^dσ9◊Δ>
P2Lσ), Δ∇∇ ∇ P2Lσ<◊Δ◊Δ> η^∞ ∖∞^∞, Δ∇∇ ∇ P^UσC=
δ^∇Δσ◊Δ◊ ∇ Γ◊◊C◊Δ∖, ∘^C P∇ α∇∇◊ΔΔ∇∖ ∇ L∇◊C◊Δ∖ x

∇◊<βU ◊Δ∇bU∖ L^∇α^∇Δ> 10x

11° L^∇α^∇Δ> ◊Δ<NC◊∇Lb> LL◊ΔNC^dσ9◊Δ> x

12° η^∞ ΔΛ◊ ◊Δ^d∖ ∇ ◊ΔςbΓb<◊Δ^Cδ' Δ>2σ◊Δ ∘^C
∇ Γ◊◊C◊Δ, ∘^C Δσ◊Δ∖ ΔσΔ σ∇ς> ∇' ΔςNC◊ΔbσL 4 ◊Δ=
∇NC^dσ9Γδ' ∇ NC^dα' b σ∇ς>U◊Δ∇σ∇ Δ^ς∇α x, Γ◊◊C ∇

• ΔL'αΔb', Δ(ΓαLσ) ∇S ΔσJΓ' ∇ PzLσ) • Δ' Δ^Λ Γα =
 • (ΛU> b P)(^<> ΔασΔγ. ρ^C γΛγ ∇ P Pα^PLσΓ Γα =
 Lσ) • Δx P Δ•U•: "αL•Δα P P ΔΓ Pα^PL•Δ' Δσσ•Δ',
 Lb PzLσ)"x ΔSΠγ•Δba' Δ' ΔSΓ9•Δσ•Δ•Δ, 5, 4x

4° ΓαLσ) ∇ ΔΓ' ΔC•ΔL•Δ ρ^C Δd'ΔL•Δ P^9σΓbU•
 Δ' ΔγΓ•Δσ' ΔΓ, P ΠVσΓ9Γα• b Δ•U': "Δ^Λ ΔbPΓΔ•∇•
 CδΓ9, ∇d 9 VΓΠγΔLC•b' ΔC•ΔL• ΔΓ, (•V•ΔσLσ) ΔΠ
 ΔC•ΔL' b ΔΓ', ∇•Δd 9 Π<ΓΓ'"x Γα•C J, 15, 26, Γα
 Lb, 16, 13-15x "Δ^Λ •Δα (•V•ΔσLσ) CδS9, P b P^P=
 ΔLd•Δ• Γρ•∇ (•V•Δ, •∇γ αL•Δα •Δα 9Γ•Δ' bC ΔΓ
 ΔγΓ•, Lb Γρ•∇ C) 9•bσ• 9 V(γ, ∇Δ•9σ• 9 Π<C)γ; σ
 b P^9σCδΔ' •∇γ bC ΔΠα' σ Δγσ' ΔΓ, P b •Δ<Πσd•Δ•
 Lbx Γρ•∇ 9•bα b Δγ' ΔC•ΔL• σ Πα•∇•Δρ'; ∇•Δd
 •∇Γ P Δ•U>: bC ΔΠα' σ Δγσ' ΔΓ, P b •Δ<Πσd•Δ•
 Lb", Γα•C > ΔS ΔσJΓ': "Δ Lσ)•Δ 'Π^)"^"x PLα', 8, 9x

5° ∇•Δd •ΔΓ ΓαLσ) •ΔΓ^ΛUσCδ'ΔL' Γρ•∇ ΔS ΔC=
 •ΔL•Δ ρ^C Δd'ΔL•Δ; (Λ^d- •Δα•Δ Γρ•∇ σC•ΔC•, α=
 L•Δα Δ^•b<σ•, ρ^C J^Pρ^bd ∇b b P^SΛ<σσ' Γ)σρ•Δ=
 σσ•, P^UσCδρ•Δσσ• ρ^C b9C•∇σCJ•Δσσ•x

6° ΔS ΔσJLbσ•Δ' ΓαLσ) (Λ^d> Δ Γσ•∇•Δ' PzLσ=
); ∇Vρ'α', 2, 8, •∇γ •Δα ∇•Δd L•Δ- b P^UσC•bσσ'
 Δ Γσ•∇•Δ' b Γα' PzLσ) Δσσ•Δ; Δ bPΓΔ•∇•: •∇γ P
 bPΓΔdα• Δ^Λ ∇ ΔσΓρ'γd, ρ^C ΔγΓΓ9•ΔLσ'), ∇γ P •ΔΓ=



σ7Ka\ Δσσba x

13° ∇ P^P_σΔL9°\ Δσσba\ P - 9^bΠσ∇·Δ\ a^Λ- ∇.
LL·ΔΓσΠσΓ J(Δσσ·Δ σ^C ∇b b ΔσΓΔσΓ P \Π^Π·ΔσσΔ=
∇·Δ\ x

14° Γ_σ·C b)σ\ ΔσΓ∇·Δ\ aL·Δa ΔΓ P^9σC(d(σ·Δ) ∇b
PΓ ·Δ a^d^ΓbU\; ·∇σ σ^C· ΓC)ΓC_a· Λ>·a Δσd\ P σ^:
d^ΓbU· σ^C ΓΓ·C· PΓΓC)ΓC_a· b b)σ\ ΔσΓΔΓ\ P ·Δ=
σ9σC·L\ Γσ·∇)·Δ aσbΓΔdΓ·Δa, σ^C Lb ·Δ·Δ- P σC=
Δbσ·Δ·Δ\ Γσ\ ΔΓ x

15° ∇^σσ·Δa(P <·b>C· a^<- ΔσΓ∇·Δa 9b\ Γσ·∇ ∇^:
ΛL\ Δ^P\, Δσd\ b P^9σΓbUd<σ Γ·b- ΔσL, ∇·Δd L·Δ-
<σUσΓbU\ b CΠσσP LL^bΓ ΔσΓ9·Δa b P)C\ Γ_σLσ),
·Δa·Δ· Δσσba ∇ Δ)C\; σ^C ΔL ∇σ\ LL^bΓΔσΓ9·Δ:
UΛ<σ· PΓ ΔΓ 9ΓaΔσ\ P2Lσ) ∇ P ΔσC\ b)σ\ ΔσΓ∇·Δ=
σσ·x

16° Γ_σLσ) P ΛΓ^bda· ∇b ∇ σdΔΠσ\ ΔσΔ σ·∇σΓ9·Δa
ΔΓ PΓ J^Pσ^bC\ σ^C PΓ <σPΔC\ ∇ ΔLd·Δσ\ x

17° Γ_σLσ) P ΛΓ^bda· ∇ ΛΓ^bdσ\ σ·∇σΓ9·Δ, ∇·Δd
ΔL ·∇Γ Γ_σ·C > ·ΔCLC\; "P>a· ∇ Δ\ ΔσΓ∇·ΔbΓdΓ/
Γ_σLσ)" x 1° dΠ∇^ΠΔa\, 6, 19 x

18° Γ_σLσ) P^P_σ(∇· Γ_σ·C b)σ\ ΔσΓ∇^ba ∇ <PΠaL·
·Δ\ Γσ·∇ L^b·Δσ·Δσσ· PΓ a^d^C·ΔσΓ b <·bΠdσΓ,
σ^C P ba·∇σL\ Γσ·∇ a^<- P^P_σΔL9·Δa ΔΓ Δ P^P_σ

4L9. Δσσ' x

19° ΓδLσ) P><= ΔδP U <P Na c Δ>Γ∇^bσ' Γδ.∇ ΔσΔ
ς.∇σf q.Δα. ρ^C Γσ.∇.Δα b αC.∇σC. bP ∇b P f' P f'. Δα=
Πδ', ΔΔ ΔΠ) . Δ Γσ.∇.Δα P f Δ f LL^b f Δ f f b σ. Δ' ρ^C
P f P^P. ΔΔbσ. Δ' x

20° P αC.∇σC δ' αα. Γη. C. P f Δ>Γ∇^C. Δ' ΓδLσ), ∇η
∇b ∇ . ΔΓΔC', αL q. 1,) P P) U αα. q Δ<<C' P ΛL f Δ δ' . Δ=
αα. Δ f x

21° P αC.∇σC δ' αα. P f >. b Γδ' ∇b P f . Δα. ΔΠς. Δ'
ΓδLσ) P ΔδδΓα' Δ f ∇ P f <^C ΔΠ>', ρ^C Λδ P f ΛP^b =
Uσ(ΓΔ' ∇ <^C) C Δ f x

∇ <U . Δ f b U' L δ' αα. Δ > 11 x

22° L δ' αα. Δσ' . Δ< f b U . . Δ^b Δb) ΔC L f = b Δ f ΔC δ =
f σ. q' η δ' x ΔC Δ f Πς. Δb α' Δδ f P^P δ ΔL. Δb α' b ∇Δ f'
ΓδLσ) . Δ P f C δ f σ σ f', ∇ . Δ f Δ>Γ f q L f' Γδ. C Γσ. Δ ρ^C
δ C P > b Γδ. C σ f Δ^ . q . Δ x

Λ^P C δ' αα Δb > 9 x

"σ (. ∇ α σ L . Γδ. C b) σ' Δ>Γ∇^b , " x

1° Δ>Γ∇^b , ∇Δb σ L, Γδ. ∇ ∇>ΓΔ f' b Δ> f' (. ∇ α σ C) =
. Δσσ. ∇ ∇>. b σ σ' ρ^C b Δ< f C f' Δ>Γ∇Lσ) b δ' . Δα ρ^C
b Π∇σΓδ f' b L. Δ f Δ>Γ∇b α. ΔΛσ f; ∇Δb σ L Δ>Γ∇^b , x

2° ∇δ L b P Π∇σ f q Γα. ∇ ΔC' P f P f δ', P Δ) U . Δ. ∇ =
σ. Δ q Γ^δ Π^b δ' ΔC Δ^P': b Δ>Γ∇b α. ΔΛ' ρ: ΔC. Δσ',



$\cap V_{\sigma} C P \setminus \langle \wedge P \sigma \cdot \Delta \rangle \Gamma \nabla \wedge b_{\sigma} \setminus \nabla \Delta \mathcal{J} \alpha C \cdot \nabla_{\sigma} C d \mathcal{J} \mathcal{P} \setminus x$

7° $\exists b U \cdot \Delta d \alpha \langle \cdot \Delta \rangle \setminus \cdot \Delta \alpha \cdot \langle \cdot \Delta \rangle \cap V_{\sigma} C \cdot L \setminus \langle \wedge P \mathcal{J} \sigma \cdot \Delta \rangle \Gamma \nabla \wedge b =$
 $\sigma \setminus, \Delta \sigma L \Delta \sigma d \setminus b \langle P \cap \sigma d \mathcal{P} \setminus b \Delta \rangle \Gamma \nabla b \alpha \cdot \langle \Delta \rangle \wedge \sigma \mathcal{P} \mathcal{P} \cap V_{\sigma} C P \setminus x$

8° $C \cdot V b \Delta \rangle \Gamma \Delta \mathcal{P} \setminus \Delta \rangle \Gamma \nabla \wedge b_{\sigma} \setminus \nabla \cdot \langle \Delta \rangle d \triangleright d \Gamma \mathcal{J} \cdot \nabla b \mathcal{P} \mathcal{J} =$
 $b \langle \Delta \rangle C \mathcal{P} \setminus, b C \cdot V \langle \sigma \rangle C P \setminus \Gamma \mathcal{J} \cdot \nabla b \Delta \mathcal{J} \mathcal{P} \cdot \Delta \langle L \mathcal{J} L b \sigma \sigma \setminus \sigma \wedge C \mathcal{P} =$
 $\mathcal{J} \sigma b \alpha \alpha \Delta C \cdot \langle \Delta \rangle \setminus b L \cdot \langle \Delta \rangle \Delta \rangle \Gamma \nabla b \alpha \cdot \langle \Delta \rangle \wedge \sigma \mathcal{P} \sigma \wedge C b \Delta \rangle \Gamma \nabla b \alpha \cdot \langle \Delta \rangle =$
 $\wedge \sigma \mathcal{P} x$

9° $\nabla b b C \cdot V \Delta \rangle \Gamma \Delta \mathcal{P} \setminus \nabla \cdot \langle \Delta \rangle d \Delta \sigma \mathcal{P} :$

1° $\nabla b b \Delta \rangle \Gamma \Delta \mathcal{P} \setminus, \nabla \cdot \langle \Delta \rangle d \Delta \cdot \nabla_{\sigma} b \triangleright \nabla b b \mathcal{P} \triangleright \mathcal{P} \mathcal{J} b \langle \Delta \rangle C \mathcal{P} \setminus$
 $\sigma \wedge C \nabla b b C \cdot V \langle \sigma \rangle L \mathcal{P} \mathcal{J} \mathcal{P} \setminus \setminus \mathcal{P} \setminus \setminus \mathcal{P} \setminus \setminus x$

2° $b \alpha \wedge \langle \mathcal{P} \rangle \Delta \rangle \Gamma \Delta \mathcal{P} \setminus, \nabla \cdot \langle \Delta \rangle d \Delta \cdot \nabla_{\sigma} b \triangleright \langle \Delta \rangle C \nabla C \cdot V \langle \sigma \rangle L \mathcal{P} \mathcal{J} =$
 $\mathcal{P} \setminus, \nabla_{\sigma} \cdot \nabla \setminus L b, \triangleright \mathcal{P} \langle \sigma \rangle b \Delta \cdot \sigma C \setminus V \setminus \setminus \sigma \wedge C \wedge d \langle \Delta \rangle \mathcal{P} \setminus C \cdot V \cdot \Delta \alpha$
 $b \mathcal{P} \cdot \mathcal{J} \sigma \langle d \langle \sigma \rangle \mathcal{P} \mathcal{J} L \sigma \rangle \cdot \langle \Delta \rangle \sigma \wedge C L b b \mathcal{P} \cdot \mathcal{P} \cdot \Delta \langle L \mathcal{J} L b \sigma \sigma \setminus \Gamma \cdot \sigma \langle$
 $b \rangle \sigma \setminus \Delta \rangle \Gamma \nabla \wedge b \sigma \sigma \cdot \mathcal{P} \mathcal{P} C \cdot V \langle \sigma \rangle \mathcal{P} b U \mathcal{P} x$

3° $b \langle b \sigma \Delta \rangle \mathcal{P} \setminus \Delta \rangle \Gamma \nabla b_{\sigma} \setminus \triangleright \mathcal{P} \setminus, \nabla \cdot \langle \Delta \rangle d \Delta \cdot \nabla_{\sigma} b \triangleright \nabla \langle \Delta \rangle C \cdot \nabla =$
 $\sigma C \setminus \mathcal{P} \mathcal{P} \alpha \alpha \Delta C \cdot \langle \Delta \rangle \setminus b \cap V_{\sigma} C \mathcal{P} \sigma \mathcal{P} \Delta \rangle \Gamma \nabla \wedge b_{\sigma} \setminus x$

4° $b \cdot \nabla \wedge \alpha \setminus \Delta \rangle \Gamma \nabla \cdot \Delta \sigma \sigma \cdot, \nabla \cdot \langle \Delta \rangle d \Delta \cdot \nabla_{\sigma} b \triangleright b \Delta \cdot \sigma C \cdot L \mathcal{P}$
 $\triangleright C \cdot V \langle \sigma \rangle C \mathcal{J} \cdot \Delta \sigma \sigma \cdot \mathcal{J} \mathcal{P} \mathcal{J}, \langle \Delta \rangle C V \setminus \cdot b \cdot \Delta \mathcal{J} \Delta \nabla \mathcal{P} \triangleright \mathcal{P} \alpha \cdot L \wedge \langle \triangleright b$
 $\mathcal{P} \mathcal{J} b \langle \Delta \rangle C \mathcal{P} \cdot \langle \Delta \rangle x$

5° $b \cdot \langle \Delta \rangle \alpha \cdot \Delta \cdot \nabla \wedge \sigma \setminus \Delta \rangle \Gamma \nabla \wedge b_{\sigma} \setminus \triangleright \mathcal{P} \setminus, \nabla \cdot \langle \Delta \rangle d \Delta \cdot \nabla_{\sigma} b \triangleright b \mathcal{P}$
 $\cdot \langle \Delta \rangle \alpha \cdot \Delta \langle P \cap \sigma \setminus \langle \mathcal{J} \mathcal{P} \cdot \Delta \mathcal{P} \Delta \rangle \cdot \Delta \sigma \setminus \triangleright \mathcal{P} \setminus, \nabla \mathcal{P} L \mathcal{P} \mathcal{J} C \setminus \triangleright \mathcal{P} x$

10° $\triangleright L \mathcal{P} \cdot C \cdot \langle \Delta \rangle \setminus \triangleright \langle \wedge \mathcal{J} \mathcal{P} \cdot \Delta \sigma \sigma \cdot \langle \Delta \rangle \mathcal{J} \mathcal{P} \setminus \triangleright \setminus \Delta \rangle \Gamma \nabla \wedge b \triangleright \Delta C \mathcal{P} =$
 $L b \sigma \cdot \Delta \cdot \langle \Delta \rangle \setminus \langle \Delta \rangle C C \wedge \wedge d = \nabla b b \wedge L C \sigma \sigma \mathcal{P} \triangleright \langle \wedge \mathcal{J} \mathcal{P} \cdot \Delta \sigma \sigma \cdot \langle \Delta \rangle \Delta U \sigma =$
 $C d \mathcal{P} \sigma \cdot \langle \Delta \rangle x$

11° P P Γ f a c o b > ∇ P ∇ Δ P N V σ Γ d a o o d \ Δ > Γ ∇ ^ b σ \ x
 a L Δ a b C A L P Δ o d \ Γ γ / Δ σ P ∇ b b N V σ Γ d r r \ x o ∇ h Δ C
 ∇ P ^ 9 σ C P \ ∇ V > o b σ σ \ σ ^ C ∇ C o V L b σ σ \ Δ > Γ ∇ ^ b σ σ ,
 Δ P C o Γ) σ σ ^ C 2 9 > Δ C o ∇ σ C o L \ P P Δ P a P \ b) σ \ Δ > Γ =
 ∇ o Δ σ σ o x

P ^ P o Δ P f b a b Δ P σ r C o ∇ σ f b U σ \ γ r ^ Δ / Δ > Γ ∇ ^ b \ x
 12° V > o b > A d Δ > Γ ∇ ^ b > b C o V L b > x Δ a P A a o ∇ γ r ^
 ' N ^) ^ P Δ P C o Δ / Δ > Γ ∇ ^ b \ , Γ o o C b) σ \ Δ > Γ ∇ ^ b \ Δ J =
 σ b U σ o x

13° σ o Δ o a L b P ^ P o Δ P f b a Δ C 9 P Δ P σ r C o ∇ σ f b U \
 Δ > Γ ∇ ^ b \ x Δ U σ C o b > P P V > o b \ , Δ U σ C o b > P P < a b \ , Δ U =
 σ C o b > P P b) σ o d \ σ ^ C Δ U σ C o b > P P Δ > ^) σ o d \ x

14° b) σ \ Δ > Γ ∇ ^ b \ V > o b \ , o ∇ h Γ r o ∇ Δ > C b Δ > Γ Δ P \ ;
 V > o b σ σ o Δ C o V a σ C \ Δ σ o d \ , V > o b σ σ o Δ γ r P o Δ P 9 o Δ σ =
 o d o σ ^ C V > o b σ σ o d Δ / Δ > Γ V L σ) b r o Δ σ o d o d σ ^ C L L =
 o Δ N V σ Γ d o d \ b V > d N V σ C Γ σ r , ∇ o d d b L o Δ P Δ > Γ ∇ b a o Δ A =
 σ f b Δ σ ^ 9 ^ b o Δ σ f Γ o o C A U a x

15° < a b \ L b , o ∇ h P ^ P o Δ L 9 L b > ∇ < a b o P ^ P o Δ L 9 o Δ > ;
 < P N a L 9 L b > L b Γ r o ∇ Δ C 9 P Δ P Γ o o C o Δ < σ a σ o d \ ; σ ^ C
 Δ σ d \ b P V f Δ σ ^ 9 A L N r a σ o d \ P Δ P o d \ Γ o o C o Δ Δ σ σ =
 o d \ σ ^ C Δ ^ 9 o d \ b) σ \ Δ > Γ ∇ ^ b σ \ x

16° b) σ o d \ , b) σ o d \ , Δ o C f b U o ∇ V > o b \ Γ r o ∇ ^ b Γ b \ ;
 o ∇ h Γ r o ∇ b C) ^ b σ r r \ Δ σ σ o d \ ; a ∇ σ C Γ Δ d o d \ Γ o o C o b =

dCRy b d>Fv<Npσf, eV•d b^C Δ^9•d; UC•Δ- 7bU•Δ=
 de4 v LnaL9' Γ•C >bσ^N•Δσσ•, dCR v d>Fv<N<f<^C=
 •d' v>f<dσf, b^C Δe Lf- v Δ^Λe' f<v>N•b b^C v p^=
 p•dL•d' v b v>f<dσf Γ•C <f<^Δσσ•x

$$\wedge^p C p e \Delta b > 10_x ,$$

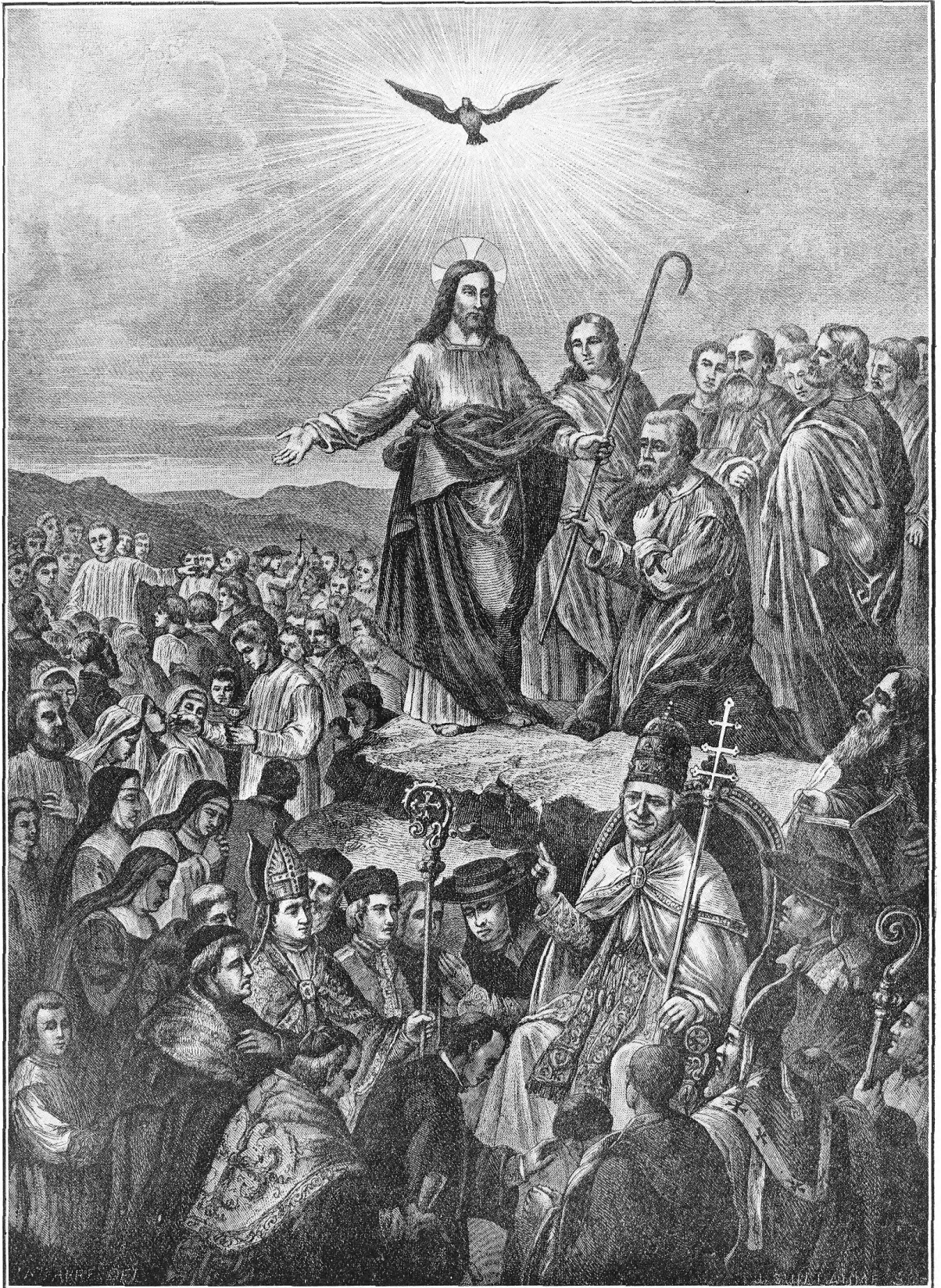
"σ (•v<σU) v d>Fv•ΔfΔ) f\ v>f<d f\"x

1° d>Fv•ΔfΔ)•Δ>v>Δ•bσL, Γ•v \N^N•Δσσ•d\ b v=
 >dΔ) f\ (Λ^d-εV>^Γ>• b^C b d>•d f\ f^L (Λ^d- Γ^=
 N•b > b^C b b^pCL) f\ <Ld•Δ •v•Np•Δe x

2° >> <Ld•Δ •v•Np•Δe v•d d >> v>•b > (•v<σC)•Δ
 d>FvLσ) b^•Δe b^C Nvσf9•Δe, > b^pCL9•Δσ•d•d f^N
 \N^)^, Γ•C Γσ b^C > Γ•C•d\ b ΔCf\ pfpfd\; Δe=
 Γ^9•Δ>, d>f^9•Δe, d>Fv^CL9•Δe, d>Fv<pUσCL9•Δe b^C
 Γ•C) C)•Δe x

3° >L d>f•Δ > "v>f<d f\" v <CfCσ•d\, •Δ Δ•Cσ•d >
 v <fCPLbσ•Δf\ b <•vσC d f\ <σ- <Δ b •Δf <d f•Δ=
 •vL f\ p Nvσf9Γe•d pfpfd\ <d•C•Δd>Fv^b >; <f^ p=
 >f<L9•Δ Δ^•b f\ Γ•v b N<L•d f\ p2Lσ)•d > <^C=
 Δ)•Δσ•d•d >f, •bCpΔd^•Δ d>Fv^b >; b^C L b v>f<d f\
 >C <^p\ b ΔCf\ b <f pΔd f\ f b <C9•Δσσ• b^C b e)Γ=
 f\ p f d>Fv•dNp f\ v e^θ^C•d f\ b <Ld•Δ <•b N d σ f >
 \L f Δ d^•Δσ•d• >f, e) <σ•Δd>Fv^b > x

4° <Δ p <σ] f b U• <σL e^b•vΔ^•b f•Δ > x C•v v•C=



$b \leq \langle \Gamma \Delta \rangle \Gamma \Delta \Gamma \setminus \circ C \wedge d \Delta \sigma P \ b \ P^{\wedge} q \sigma C P \setminus \ C \cdot V \ \Delta \Gamma \nabla^{\wedge} b =$
 $\sigma \sigma \cdot, P \leq \langle - \ L \ b \ b \ \Delta C \cdot \nabla \sigma C P \setminus \ P \Gamma \ \wedge \rangle q \Gamma \setminus, \Delta \Gamma \Gamma \ L \ b \ b \ \langle b \sigma =$
 $\Delta \Gamma \Gamma \setminus \ \Delta \Gamma \nabla^{\wedge} b \sigma \setminus \ \triangleright \Gamma, \ \circ^{\wedge} C \ b \ \cdot \nabla \wedge \sigma P \setminus \ C \cdot V \cdot \Delta \ \Delta \Gamma \nabla \cdot \Delta =$
 $\sigma \sigma \cdot x$

13° $\Delta \sigma \Delta \ \Delta \Gamma \cdot \Delta \sigma \ b \ \Delta \cdot U L \ b \ P :$ “ $a L C \cdot b \ \triangleright \ \wedge L \Gamma \Delta d \Gamma \cdot \Delta \triangleright \cdot \Delta =$
 $a \cdot \Delta \Gamma \setminus \ b \rangle \sigma \setminus \ \Delta \Gamma \nabla^{\wedge} b \sigma \setminus$ ”, $\Delta \cdot U L \ b \cdot a \ \wedge L \Gamma \Delta d \Gamma \cdot \Delta \sigma \sigma \cdot \ \nabla b \ \nabla$
 $\Gamma \sigma \Gamma \setminus \ \Gamma \Gamma \cdot \nabla \ \Delta \sigma P \ \Delta C \ \nabla \ P^{\wedge} q \sigma C P \setminus \ \nabla \ (C \cdot V L \ b \sigma \sigma \setminus \ b \rangle \sigma \setminus \ \Delta =$
 $\Delta \Gamma \nabla^{\wedge} b \sigma \sigma \cdot, \ \triangleright \Gamma C \cdot \ \wedge d \ \nabla \ \cdot \Delta \ \leq \langle \Gamma \ \Delta \Gamma \setminus \ x$

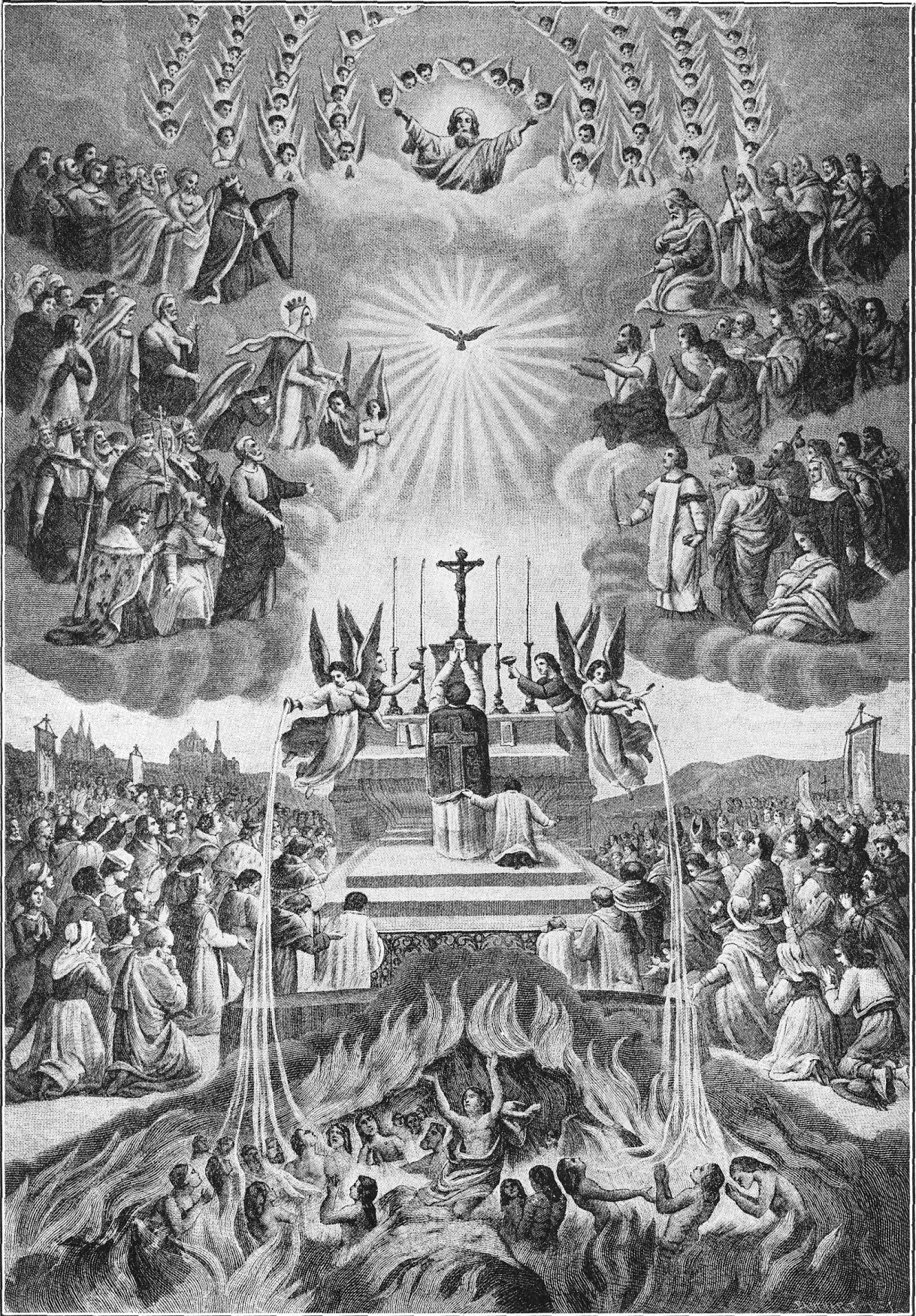
$\nabla \ \langle \Delta U \ \cdot \Delta \Gamma \ b U \setminus \ L \Gamma \sigma P \cdot \Delta \triangleright \ 13 x$

14° $L \Gamma \sigma P \cdot \Delta \triangleright \ P^{\wedge} P \cdot \Delta L \ q L \ b \ \triangleright :$ “ $\nabla \ \Delta \Gamma \nabla \cdot \Delta \Gamma \Delta \rangle \Gamma \setminus \ \nabla \Delta \Gamma \Delta =$
 $\Gamma \setminus$ ” $x \ \nabla d C \ L \Gamma \sigma P \cdot \Delta \setminus \ \Delta \triangleright \sigma \cdot \Delta \setminus, \ \triangleright \ \Gamma \sigma \cdot C \cdot \Delta \setminus \ L \ b \ P \Gamma P \Gamma d \setminus$
 $b \ \Delta C \Gamma \setminus, \ \nabla \Delta \Gamma \Delta \Gamma \setminus \ L \ b \ b \ \Delta C \Gamma \setminus \ \triangleright C \ \Delta^{\wedge} P \setminus \ \circ^{\wedge} C \ \Delta \ b \cdot b \setminus \ b$
 $\cdot \Delta \cdot \Delta \Gamma q \sigma C P \setminus \ a^{\wedge} b \cdot \nabla \ \Delta^{\wedge} \cdot b \Gamma \cdot \Delta \sigma \setminus x$

15° $L \cdot \Delta \Gamma \ \Delta^{\wedge} \Gamma \setminus \ L \Gamma \sigma P \cdot \Delta \sigma \setminus, \ \cdot \Delta \langle L \ b \sigma \cdot \Delta \cdot \Delta \setminus \ \Delta \triangleright \sigma \cdot \Delta \setminus$
 $\circ^{\wedge} C \ \triangleright \ \Gamma \sigma \cdot C \cdot \Delta \setminus \ \nabla \ P \Delta L \sigma \rangle \cdot \nabla \sigma L \Gamma \setminus \ b \ \sigma^{\wedge} \rangle \ \nabla \Delta d \sigma \Gamma \ P \Delta L \sigma =$
 $\rangle \cdot \Delta, \ \circ^{\wedge} C \ \nabla \ \Delta \Gamma \nabla^{\wedge} (L \cdot \Delta \Gamma \setminus \ \nabla \Delta \Gamma \Delta \sigma \Gamma \ P \leq \langle - \ \Delta^{\wedge} P \setminus \ b \ \Delta C \sigma \Gamma.$

16° $U C \cdot \Delta = \ L \Gamma \sigma P \cdot \Delta \sigma \setminus, \ \nabla \cdot \Delta d \cdot \Delta \sigma P \ \nabla \Delta \Gamma \Delta \Gamma \setminus \ \triangleright C \ \Delta^{\wedge} P \setminus \ \nabla$
 $\cdot \Delta \Gamma \cdot \Delta \cdot \nabla \Gamma \setminus \ \nabla \ \Delta \sigma \Gamma \Gamma \ b \sigma \cdot \Delta \sigma \sigma \setminus x \ \nabla d C \ L \ b \ \Gamma \cdot b = \ \nabla \ \Delta \Gamma \nabla^{\wedge} =$
 $C \cdot \Delta \Gamma \setminus \ \triangleright \ \Gamma \sigma \cdot C \cdot \Delta \ P \Gamma P \Gamma d \setminus \ b \ \Delta \wedge \sigma \Gamma, \ \circ^{\wedge} C \ \nabla \ \Delta \Gamma \Gamma q^{\wedge} (L) =$
 $\Gamma \setminus, \ \circ^{\wedge} C \ \nabla \Delta \Gamma \nabla^{\wedge} (L \cdot \Delta \Gamma \setminus \ P \Gamma \ P \ \cdot \Delta \cdot b \Gamma \Delta \Gamma \Gamma \ b \ a^{\wedge} b \cdot \nabla \ \Delta^{\wedge} \cdot b =$
 $\Gamma \sigma \Gamma x$

17° $L \cdot \Delta \Gamma \ \sigma \Gamma \ L \Gamma \sigma P \cdot \Delta \sigma \setminus, \ \cdot \Delta \langle L \ b \sigma \cdot \Delta \cdot \Delta \setminus \ b \ a^{\wedge} b \cdot \nabla \Delta^{\wedge} \cdot b =$
 $\Gamma \Gamma \setminus \ (b \langle \cdot \nabla \cdot \Delta \sigma \ \sigma \wedge \nabla \ \Delta \Gamma \ \Gamma \ P \sigma \Gamma \sigma \Gamma \ \Delta \sigma \Delta \ \sigma \sigma \ \Delta \sigma \sigma \cdot \Delta \ \Delta^{\wedge} =$



σδ>,Lb ρC•Δ PFPJδ\ b ΔC/ ρ^C Lb P/ ΔΠ>,Pα ∇•Δδ
ΛU> P^CΛ^~\; ∇δC ΔL P^CΛ^~b\ σ b ΓLC> σ/ Δ>Γ∇^b>;
αL•Δα Lb bC ρδΓΔδLb> LΓ Δ^δU• Δ^•bULx P b ΓσΠ>
Lb PFPJδ•Δ ΔPL•Δ•Δσ•ΔδCΔbα; 9•bα Lb 9 LδΛCJ•Δδ
ΔC Δ^P^,bC LδΛΓbU• PFPJδ\,ρ^C 9•b> 9 Δ<<J•Δδ ΔC
Δ^P^ bC Δ<ΔbU• PFPJδ\”x ∇δ Lb ∇CρL/ Δ P^PδΔL•Δ=
bα ∇b PΓ •ΔCL•ΔσΓ Δ•∇σ•Δ •Δα ∇ Δ•Δ/ Γρ^ Δα \Π^=
J^,Γδ•C LΠϕ,16,13-21x

“∇•Δδ P><- ∇ ΔCδJ\ ρ^C ρ ∇ PJb\ ΔσL ∇ C•Δ^U\,Δ^=
•bUϕ ∇ P<ΔbU\ ΔC P^PδΔLbα\ ∇ LL•ΔL•ΔΓΔ)Γ\ ∇ δ^=
CΓ\ J<Δσσ•Δ,P ∇Γ Δ)U• Γρ^ ρ^C P σ<•Δ• UC•Δ-, P
ΔU• Lb: “b>ΓσCJ•Δ> P b •Δ Δ>α•Δ”x Δ^Λ Lb ΔΓσ• b
P Δ•U/,P •Δ<Πδ• ΔΓΓ> ρ^C Δ^Λb^x ∇δ P^PδΔL•Δbα\ b
ρρρρ\ Δ^Λ •Δ><LΓ\ ΔΠ∇σΓ9•Δx ∇δ Γρ^ Γα ∇C/: “b=
>ΓσCJ•Δ> P b •Δ Δ>α•Δ: CΛ^δ- ρC•Δ ∇ P ∇ΓΠ>Δ/,∇δ
ρ^C CΛ^δ- ∇J PΓΠ>ΔCδ\”x Δ^Λ Lb ΔΓσ• b P Δ•U/ P
ρρC•∇• ρ^C P ΔU•: “ΔΠσ\ ΓδLσ),Γρ•∇ Δ•∇σP 9 bρ=
ΔL•∇ b\ Δ <^CΔ)•Δσ•Δ•Δ bC bρΔbUσ•Δ; ρ^C Γρ•∇ Δ=
•∇σP 9 LLΓδα•Γ•b\ Δ <^CΔ)•Δσ•Δ•Δ bC LLΓδσbUσ•Δx
Γδ•C J>,20,19,23x

5° ΔΔ Δ>Γ•Δα ΔΓ, P <>U9Γα<σCΓΔδα• ∇ αLC•b\ <^=
CΔ)•Δ>,ΔC α^Λ- ∇ LαC\,∇b 9 P bρΔbU\ Γδ•C b)σ\
Δ>Γ∇^bσ\; •ΓΓ ∇>•b> b Δ^ΛΓ Pρ^bJLb> bρPΔ•Δσσ• PΓ

LLF dσ9Lb\, ∇ Δ•σCJLb\ •∇VσCL9•Δ, ΔσP ∇>ΓΔF\ ∇b
 •b>^ \ •Δ Δ<FCF\ •∇Λσ9•Δσσ•x ΔσΔ <^(Δ)•Δa b P
 bPΔbUP Γσ•C b)σ\ Δ>Γ∇^bσ\ Δ>Δ aL •Δ•Δ= ΔΛJ•Δ
 C•b•a; Δ>Δ Γ)σ ∇ P bPΔbUPx aL•Δa P ΔP, PΓ bP=
 ΔbUP <^(Δ)•Δa •Δa•ΔΠΓ\ Γσ•C b)σ\ Δ>Γ∇^bσ\, •∇>
 ΛLΓΔdP•Δ, σ^C •∇VσCJ•Δ, ΔC•b•a Λd ΔσL Δ>Γ∇^b=
 σ\ b ∇>•b\ σ^C b C•VLb\ x

6° Γσ•C b)σ\ Δ>Γ∇^b, bPΔL9Lb, <^(Δ)•Δa Δ>σ
 ∇ Δ<CP ΔσΔ Δ>Γ∇Lσ) bP•Δa, P bΔC9•Δ, σ^C •∇Λσ9•Δ,

7° <^(Δ)•Δa b bPΔbUP aL•Δa P b^PCLP•Δσa•Δ
 ΔP bPΔbU•Δ, Lb Δ b^PCL9^CL9•Δa ΔP ΓP^ \ Π^)^ b
 P σΛ' Γ<ΔΠd\ PΓ b^PCL9^CLC\ •∇VσCJ•Δ, x

8° ΔJΠσ•Δb a\ P <PΠa•L\ Δ C•VσCJ•Δσ•Δ\ ΔΔ
 Δ>Γ•Δa: "σ C•VσU, ∇ bPΔbUP <^(Δ)•Δa", PΓ σP)=
 CΓΔC•b\ ∇^ΛΓ PΠL9σP9' P2Lσ), σ^C PΓ JPLΓ\ ΔLΓ=
 •C•Δ P b PΓ Δ^VσJσΓ x

9° ΔL b)σ\ P^PσΔL9•Δ, "∇ bPΔbUP <^(Δ)•Δa"
 aL•Δa Δσσ\ ΔP<σ•; P2Lσ)\ Lb ΔP<σ•, •∇> Δa ∇b b
 Pa^P' P Δ•U Lσ)•ΔLPaΔbσ\: "ΔΠσ\ ΓσLσ), ΓP•∇ Δ=
 •∇σΓ 9 bPΔL•∇•b\ Δ <^(Δ)•Δσ•Δ•Δ bC bPΔbUσ•Δ;
 σ^C ΓP•∇ Δ•∇σP 9 LLΓda•7•b\ Δ <^(Δ)•Δσ•Δ•Δ bC
 LLΓdσbUσ•Δ" x Γσ•C J, 20, 19-23 x

10° ∇ •ΔPbUP σ^C ∇ VΓbUP <^(Δ)•Δa, ∇dUσ Λd 9

ΓΡ·∇ ΔσΡ β ΔCΡ\ ΔΓ<ΔβΓδ·Δ\ 9 VC·LΓ\ Δ VCδρ·Δ=
σσ· ρβLσ)·Δ Δδρϋ, ΔσΡ L Ρ Γδ)CΡ\ βC ·Δσ·β·Δ\
ΡΓ ΔβΓ\ ΛLΠρ·Δσσ·; Lβ ΔσΡ β Ρ LΓ)CΡ\ βC ·Δσ·β=
β·Δ\ ΡΓ ΔβΓ\ σδ·ΔβΓΓδρ·Δσσ·x Γδ·C J\ 5, 28-29x

3° ΔL ·Δσ·β·Δ\ βC ΔΠΓ<σ· Δ β·ΡΔ·Δσ\ ΔΓ ΓΡ·∇
βC·ΔC\ ρβLσ), β β·ΡC\ ΡΓ Ρ·∇<ΡΠβ\ ΛLΠρ·Δσσ· C=
Λ^δ- ·ΓΓ β Ρ Δ^ΛΓ ·∇ΓC\ Δ^Λ Δ^β- β Γσ·∇^<,x

4° Δ^Ρ\ ·Δ<ΡβU·Δ L·δϋ ∇ σ^ΛLβΡ J^C^βΓ\ Δϋ,
Δ^Λ ∇Π Λ>9, Γα Lβ, ∇ Γδ^βΓ\, ∇ Ρ·∇ΛLΠρLβΡ Δ^Λ
σC·ΔΡ·β·∇ 9·βα β σC·ΔΡΡx ∇·ββ Lβ ·ΓΓ V>·β\ Δ=
σσ·Δ Γ>·x V>·β·∇ Ρδβ\, Γα βC ·Δσ·βLβ\ ∇ ·Δα=
·ΔLβ\ Δ>C ΔΓ β Ρ Δδ σδ·ΔαC\ Γ<ΔβΓδ\x

5° Γα βC Ρ·∇ΛLΠρLβ\ ΡΓ Ρ ΔΓ ΔρΓ ΠVσCJLβ\ Δ=
L\ Δ LL·Δ Π<ΔLδρ·Δ\ β^C Λδ Δ αββΓΔδρ·Δ\, Δ Γδ=
J^CJ·Δα β^C Λδ LΓ)CJ·Δα ΔΓ β Ρ ·ΔΓΠΛ)CΡ\ Γ·β-
∇ ΛLΠρασ·Δ\x

6° αL ΓΡ·∇ ∇CδΓ\ Δσσ·Δ\ βC ·Δσ·β·Δ\ V>·β\ ∇
ΔδαδρΓ\ ∇ ·Δ>·ΔΓ\x ΔσΡ β ·β>^ΡCΠρΓ\ βC ·Δσ·β=
·Δ\ Ρ^UσCδρ·ΔΓ>·Δσ\; ΔLΓ·C·Δ\ Lβ βC δ^Cραδρ·Δ\
β^C βC LΓ α·βσσ·Δ ·Δ>·Δ·Δ·Δx

7° ΔσΔ β Ρ^UσC·βσσΡ ·Δ>·Δ·Δ·Δ ΔΓδ·C·Δ\ V>·β\
βC ΔδαδρLβ·α β Ρ ΔβLβσσ\ ΓΓ^ ·Δ>· β Δ^·β ·Δ=
σ·β^<,x βα·Δ<CJ\ Λ^ΡCραΔβ\ 9x



8* DL LL.Δ.Δ.Δσ.υ.β.Δ, σ.υ.Ϸ. βϷ ΔP, .<JF LL.Δ Π=
<^dσβσ.Δ\^x ∇.β.σ β P ΔC/ L^C ηρ^x "σ P^9σU, Γα
Pρ .Δσ.υ.β/ .Δσ.υ.βσ.Δ9 Lρ- Pββσ9"x ΔΔ ΔβΓ.Δα. σβ,
ΔC ΔΠσβU.Δ Γ.β.Ϸ J, Δ Γ.β.ΔρJ.Δσ., 11, 1-24x

"P ΔC. Lβ Vβ\ Δσσ. ∇ Δdρ', εηρ^ ∇ Δσββρ', VCσ
Δρ, Δρ ΔC.Δσ.Δ\ Γσ Ϸ^C .Δρ^σ^ .9L L^C x Γσ, ∇.Δd
β P CL^dα' ΠVσρ^9σρ CL^d.Δσσ. Δρ Ϸ^C β P βρρU=
α' Δ^Π.βσ^ .Δβ Δρ, .Δρ^α εηρ^ β Δdρσρ, ∇.Δd .∇ρ
.Δρ^σ^ .9L P ΔσΠ^ΔLd, ∇ Δ.Usρ: "ΠVσρ^9β, LΠβ, Δα
β βPΔ' Δdρ."x Δ^Λ Lβ ηρ^ Λ∇C\ ΔΓσ., P Δ.U: "DL
Δdρ.Δ, αL.Δα σ^ .Δσ\ βϷ Δ^<σ., Lβ Pρ Δρ LΓρLβσ=
.Δ' PβLσ), Ϸ^C PβLσ) Δdρ^ Pρ Δρ. LΓρLβσ.Δσρ"x

ηρ^ Lβ P βP∇. L^C.Δ Ϸ^C Δ .Δρ^σ^ .9. Γσ.Δ Ϸ^C
Lβ εηρ^x Δ^Λ Lβ β VC\ ∇ Δdρσρ, Pβ<- Vβ.β β Δ=
C' σρ Pββ.Δ P Cβ9. x ∇d Lβ <ΠL DL, P ΔU. Δ P^P=
βΔL.Δβα Δσ∇σ.: "Γα Δ)UC. JUΔ\^x Δ P^PβΔL.Δβα
Lβ P ΔΠd: "9^PβΔL9β, J(Δσσ.Δ\ Δβρ^9 P .Δ Λ. Lρ=
α' CΔ.β\; Γα α Lβ Δ^C P' Δ)C? ηρ^ Lβ P α^ .9.Δ=
σΔ.∇., αL α σρ^ ΔCΠ.α Π<Δβα ΛρJβσ\ Vβ.β. ∇ P=
σβ\? P^Λ β Δ.∇α VJUρ ∇ Pββσ\, αL.Δα ΛρΔL., ∇ .Δ=
<C\ .Δ^U.Δσσ. ΔC Δ^P\ β ΔC.βσσ\^x P^Λ β Δ.∇α V=
JUρ ∇ ΠΛ^βσ\, ΛρΔL., ∇β ∇ Λρ^βd' .Δ^U.Δσσ. x ΔΔ
9.βα P Δ.U.; <ΠL Lβ ΔU.: "P)UΓα. εηρ^ σ<. Lβ
σ Δ)C, Pρ d^dα\ ∇ σ<'^x ∇d Δ P^PβΔL.Δβα ∇.Usρ=

ר: "UVσΓ9>י, P^Λ י <•9, bC Γ < >•"x גר^•P ^<σJ C•Γ
 ▷ σ^•Δσσ•; Lb •Δ••Δ• "∇ <•σ^Λσ•Δ\ ∇ σ<σ•Δ\ <σ=
 J C•"; P ΔUσΓ•Δ\ x ∇d גר^• Jσ2 ∇C': "עלך^ P σ^•x
 σ^C σ Γ•σU י P••Δ ▷Γ, ∇b <יC 9 ΔC><י, PΓ ▷Γ C•V=
 CΓי; ∇σ•∇\ Lb •C•<<L C•"x ∇d Lb >L^, ןןL^ b Δσσ=
 bר', ∇C' •ΔΓP^P <L•<b•: "P••• σ^C ΔJUC• PΓ •ΔΓ=
 σ^L\ "x

"Δ^Λ Lb גר^• Uδσ\, P Γ^b•<C• <Δσ σ• Pσb•< ∇ P Λ=
 ΓσσσΓ ר<ר>בΓd\ x ∇Cσ Lb Pσ•<י גר^•Γ\ P ΔC•b י, •י=
 C• σ>σ^• ן<Δb•, σ^• <^P ן<Δb•, ∇ Δ^ΛP••b\ x σ^C
 ΓΓ' J CΔσσ•Δ\ P VΓ •C•<<Γ•Δ\ L^C•< σ^C Γσ•Δ, ∇
 •Δ b PΓ<Γ\ •ΔΓσσ•< ▷Γ x ∇d L^C, •C^י א∇C\ גר^• b
 VΓ CδσσσΓ, P •C•Δ •P^b•∇•: Lb Γσ P <Λ• •<^bΔbσ\,
 ∇d L^C ∇C' גר^•: "UVσΓ9>י, P^Λ י ▷C ΔC•<<σ, σΓσ י •=
 L•Δ• bC P σ^Λ<י x Lb σ P^9σU י ∇σ•∇\ <σ-, אד 9•b י
 9 •C(L•<•<U P2Lσ), P2Lσ) P b Γσ\ "x גר^•, P ΔU•: "P=
 רי י Γ• bC •<σ^b•"x L^C ΔU•: "σ P^9σU י Γ• PΓ •<=
 σ^b' •<σ^bσ•<9 LΓ- Pσbσ9" x גר^• Lb P ΔU•: "σ•
 ∇•<ד ▷•<σ^bσ•∇•, σ^C b <•Δ>י אLןP•Δ י x <• b C=
 •V<σΓ', <C ∇ σ^', ∇σ•∇\ Lb, bC אLןP•; σ^C ΓP•∇ C)
 <•∇• b אLןP' σ^C b C•V<σΓ', •L•Δ• •Δ^b- bC σ^•x
 P C•VU י •ΔL" ? ΔU•: "∇∇, UVσΓ9>י: σ C•VU י ∇ <=
 •Δ>י \ן^י^ P2Lσ) ▷dר^•, <• 9 VΓ ΔJU^<י ▷C <^P\ "x

∇ < > U • Δ Γ b U \ L P a r • Δ > 15 x

9° L P a r • Δ > • Δ < N σ • ∇ L b > ∇ • Δ σ μ b • Δ σ • Δ • ∇ σ λ • Δ .
U C • Δ = L P a r • Δ σ \ Δ C Γ • b > μ Γ P • ∇ q • b > ∇ • Δ • Δ σ σ C Γ =
< σ \ ∇ C Δ ^ P \ b • Δ C • b \ , • Δ < L b σ • Δ • Δ \ Δ > 2 σ • Δ \ ∇ > C =
r q r \ , ∇ a) L r \ Δ σ σ • Δ N < ^ d σ q • Δ σ \ Δ f x r < Δ b Γ • b Δ λ =
< σ • Δ , σ ^ C ∇ σ λ • Δ \ • Δ σ μ b • Δ \ Γ σ • b a σ f \ ∇ r x Γ • b > μ
Δ C • P r ∇ P L • b P b a • ∇ σ C \ ∇ P r ∇ P L • Δ ^) N > ; σ ^ C b
Δ > Γ ∇ b a • Δ λ \ Δ ^ λ Γ a ∇ L N r \ Γ ^ b c ∇ N ^ b • ∇ Δ < ^ b • Δ ^ =
U σ P r P = ∇ r r \ , ∇ \ Δ > Γ ∇ • Δ a r b a x

10° Δ ^ λ Γ \ L P a r • Δ σ \ , r < > N \ ∇ r a d r • Δ ^ λ Γ \ ∇ r , ∇
• Δ r r \ σ ^ C ∇ • Δ > b Γ ^ C d \ Δ > 2 σ • Δ x r < > N • b ∇ • Δ < L r \
b P r Δ d • Δ \ b Γ • a N r r \ , Δ σ P b Δ ^ λ r q μ ^ C • Δ r \ , ∇ ∇ ^ =
U < σ L r \ ; b L N r r \ L b • Δ a , a ^ λ - ∇ < P Δ d r \ , • Δ ∇ f Γ =
• Δ \ ∇ ^ λ r d ^ C r a • Δ r \ , σ ^ C < d < σ ∇ • Δ \ • Δ r > P r C r r r \
σ ^ C P r λ r ^ b d r \ λ σ μ ∇ b P r P ^ q σ C d r r \ x

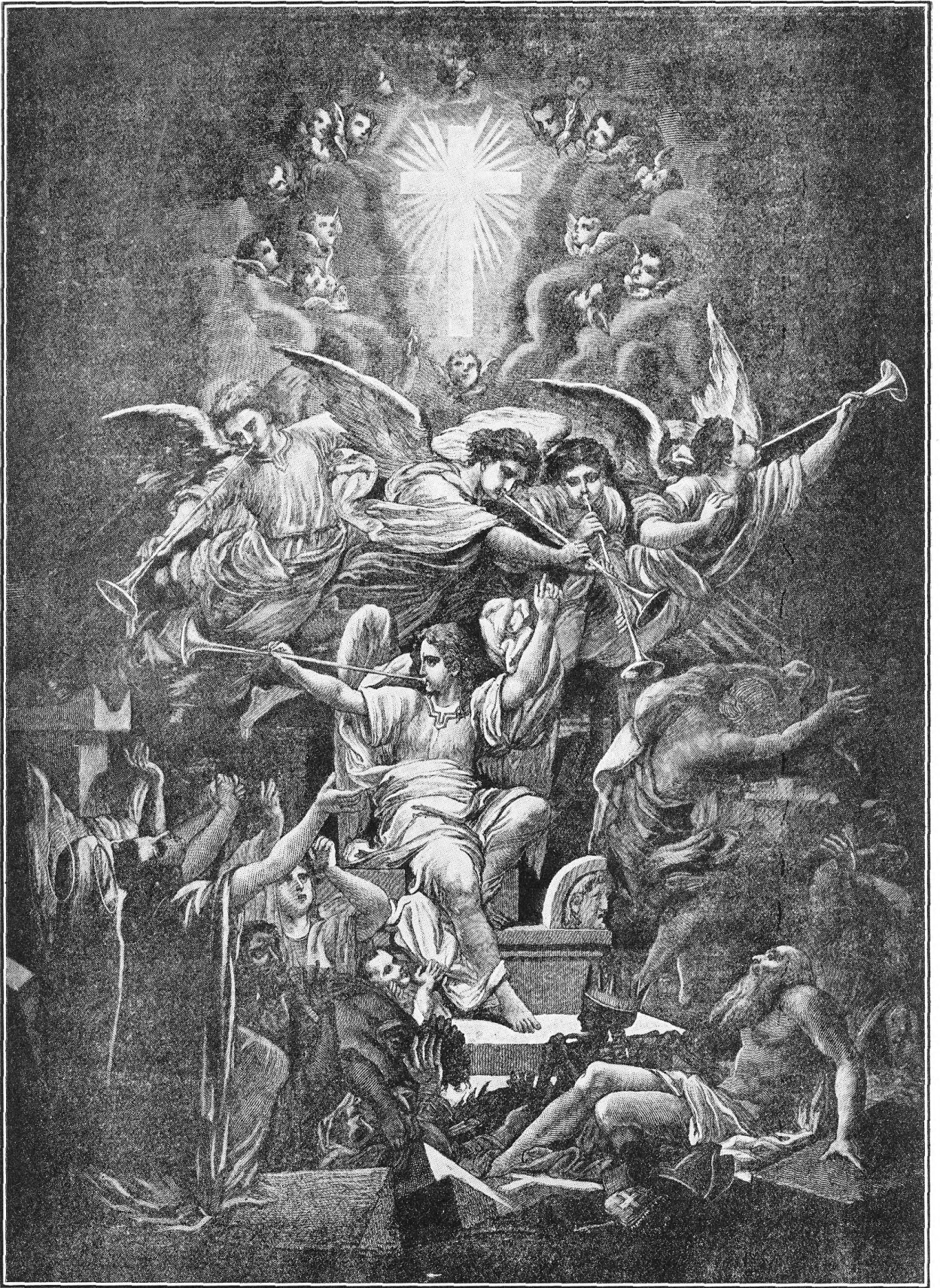
Λ ^ P C r a Δ b > 12 x

"σ C • ∇ < σ U > b P q P r λ L N r a σ • Δ \ " x

P r P f \ x

1° ∇ ∇ L r - Δ > Γ • Δ a C • ∇ < σ C ∇ • Δ σ \ " b P q P r λ L N r a =
σ • Δ \ " Δ • U L b • a P Δ ^ • b < σ q ∇ L Δ σ = λ L N r • Δ > , P r Δ C =
• b \ d C P λ L N r • Δ > Δ > C b P q q Δ f Γ • σ σ ∇ a σ • Δ \ P r P f d \
σ ^ C λ d b P q q Δ f b • b C q σ ∇ a σ • Δ \ L r Δ ^ d U \ x

2° q r a < σ C • b > L b P r Δ C • b \ d C P λ L N r • Δ > P Δ ^ • b =
< σ q Δ σ = λ L N r • Δ > ; • ∇ < P 2 L σ) P P ^ q σ C Γ Δ d a • x ∇ b Δ =



• $\nabla aeb \cdot \nabla \sigma C d r \cdot \Delta e x$

8° $\triangleright L \nabla b \nabla \Gamma d^{\wedge} b r \Delta d e \sigma \cdot \Delta \cdot \Gamma r \cdot \nabla a e b \cdot L \cup r \cdot \Delta \triangleright < =$
 $\triangleright U a \cdot b \triangleright \sigma^{\wedge} C < \triangleright U C \cdot b \triangleright L \sigma \cdot \Delta L r e \Delta b \sigma \cdot x \Delta \triangleright b \sigma \cdot r \cdot \triangleright L$
 $\Delta f \Delta \triangleright \Gamma C \sigma \cdot \Delta \triangleright : " \Delta \sigma P, b \nabla \sigma C d r r \cdot \nabla, a L \cdot \Delta e \Gamma a b C \cdot \sigma U =$
 $b U \cdot \Delta \cdot \sigma^{\wedge} C \wedge d \cdot \sigma U \triangleright < \cdot q \cdot \Delta \cdot \nabla, a L \cdot \Delta e \sigma^{\wedge} C \cdot \Delta \nabla^{\wedge} b L d \cdot \Delta \cdot \nabla \wedge =$
 $r \cdot L ; a L \sigma^{\wedge} C \nabla P f U \sigma \cdot x \Gamma a L b \sigma b \triangleright \wedge^{\wedge} P C r e \Delta b \sigma \cdot 21,$
 $4. P \cdot \Delta C L b \cdot \Delta e a \cdot \Delta \triangleright C : " P \nabla L \sigma \cdot L b b C b r \Delta \cdot \Gamma \Gamma r \cdot \nabla b$
 $\triangleright r b \cdot \Delta \wedge \sigma r \triangleright^{\wedge} P f d \sigma \cdot ; a L \cdot \Delta e \Gamma a b C \Delta C \cdot b \triangleright \sigma \wedge \cdot \Delta \triangleright, a L$
 $\sigma^{\wedge} C \Gamma \nabla \Gamma \sigma C \cdot \Delta, a L \sigma^{\wedge} C L \cdot \Delta \triangleright, a L \sigma^{\wedge} C b C \Delta C \cdot b \triangleright \cdot \Delta =$
 $\nabla q \sigma C \cdot \Delta \triangleright, \cdot \nabla \nabla \Delta \sigma \Delta b \triangleright \cdot q \cdot b a \Delta \nabla \Delta P L \triangleright \cdot \Delta < \sigma \cdot \Delta \cdot x$

9° $\nabla \cap \wedge a \cdot \nabla \cdot \Delta r e \sigma \cdot \Delta \cdot \Gamma r \cdot \nabla a e b \cdot \nabla \sigma C d r \cdot \Delta e \cdot \nabla h$
 $\nabla P f \wedge < \sigma P P^{\wedge} U \sigma C \cdot \Delta e \sigma^{\wedge} C \Gamma r \cdot \nabla a e b \cdot \nabla q \sigma C \cdot \Delta e \sigma^{\wedge} C$
 $\Gamma \cdot \sigma \cdot \Delta e b C \triangleright r \Delta \triangleright \sigma \cdot \Delta \cdot \triangleright \Gamma \cdot \sigma \cdot \Delta \cdot x \triangleright C \Delta^{\wedge} P \cdot a L P$
 $\cap \wedge \sigma r \cdot \Gamma b U \cdot \Delta, \Delta \sigma \cdot \Delta P^{\wedge} b \cdot L b \cdot e \Gamma r \cdot \nabla q \Gamma \cdot \sigma r b U P < \cdot x$

10° $< \cap L \wedge d, P b P^{\wedge} q \sigma U a e \cdot C \triangleright \Delta U \sigma C \cdot b P \Delta^{\wedge} \wedge P \wedge \cdot =$
 $q \cdot \Delta \cdot q \triangleright " \nabla q \sigma C \cdot \Delta \sigma \cdot \triangleright \cap \nabla \sigma r q \cdot ", L \cap \nabla, 25, 21 \cdot x \nabla d L b$
 $P b \Delta \cap a e \cdot C \wedge^{\wedge} d \cdot \nabla \cdot \Delta \triangleright b \Gamma^{\wedge} b d \triangleright \cdot \sigma^{\wedge} C \nabla \nabla P \nabla \triangleright \cdot \nabla < f =$
 $r \nabla^{\wedge} b d \triangleright \cdot \triangleright \triangleright \cdot \Delta q \cdot b a, \nabla \cap \wedge \cdot \Gamma b U P \Gamma r \cdot \nabla P \nabla^{\wedge} U \sigma C \cdot \Delta =$
 $\cdot \Delta \sigma a \cdot \Delta \cdot x$

11° $\Delta C L b \Gamma r \cdot \nabla \triangleright \Gamma \cdot \sigma \cdot \Delta \cdot \nabla \cdot \Delta < L r \cdot P \nabla L \sigma \cdot \Delta P r =$
 $P f d \cdot \nabla, \nabla d \cdot \Gamma a b \sigma \cdot \Delta \cdot \Delta \cdot \Delta \sigma d \cdot \wedge d b P b \cdot P C L r \cdot x$

12° $\Delta \sigma \cdot \Delta e \Gamma \cdot b \cdot \nabla, P f P f d \cdot \Delta C \cdot \Delta \cdot \nabla \Delta \cdot L d \cdot \Delta f \cdot \wedge d ;$
 $b C \Delta C \cdot \Delta \cdot \Delta \triangleright C \nabla \cdot \Delta \triangleright \cdot \Delta f \cdot \nabla, < \cap L P L L \cdot \Delta \cdot \Delta \sigma \cdot b \sigma \cdot \Delta q \cdot x$

$L \rho a \Delta b \sigma \sigma \cdot \sigma^{\wedge} C \Gamma \eta' d C P \zeta \setminus \triangleright \Gamma \sigma \cdot C \cdot \Delta \setminus b \triangleleft \sigma \lceil \Gamma \rho \setminus \triangleright \sigma P$
 $L \sigma \rceil \cdot \Delta L \rho a \Delta b \sigma \setminus x$

16° $\triangleleft \sigma P L b L \cdot \triangleleft = \sigma \rho \sigma^{\wedge} C \sigma^{\wedge} \triangleright b \Delta^{\wedge} \wedge U \sigma C d \rho \rho \setminus P \cdot \triangleleft =$
 $\triangleleft L a \cdot \triangleleft \setminus d C P \zeta \setminus \triangleright \Gamma \sigma \cdot C \cdot \Delta \setminus, \Delta C \Gamma \cdot b \zeta \sigma \triangleright \nabla \Delta C \rho \setminus b \rho \sigma =$
 $\triangleleft \triangleleft b \sigma \cdot \Delta \rho \setminus \triangleright C \cdot \nabla \triangleleft \sigma C \lceil \cdot \Delta \sigma \cdot \triangleleft \triangleright \rho, C \wedge^{\wedge} d = \Gamma \sigma \cdot C \wedge U \triangleright; b$
 $\Gamma \sigma \cdot C \rho \setminus \nabla \zeta \Gamma \nabla b a \cdot \triangleleft \wedge \rho \setminus, \rho \rho \triangleright \rho L \cdot \nabla \zeta \setminus, b \rho \sigma \triangleleft \Delta \rho \setminus \triangleright \triangleleft \neq$
 $\zeta \Gamma \nabla \cdot \Delta \sigma \cdot \triangleleft \triangleright \rho C \wedge^{\wedge} d = \zeta \rho \sigma \triangleleft \sigma^{\wedge} C \Gamma \sigma \cdot C b U \Omega \triangleright, \sigma^{\wedge} C b \Gamma =$
 $\sigma \cdot C \rho \setminus \Delta^{\wedge} \cdot q \cdot \triangleleft \setminus C \wedge^{\wedge} d = \Gamma \sigma \cdot C \Gamma \sigma L \setminus C \sigma a \setminus$

17° $\Gamma \sigma \cdot C \sigma U V \triangleright \cdot \triangleleft \triangleleft L b \sigma \cdot \triangleleft \triangleright \nabla C d a' \triangleleft \rho \sigma \zeta \nabla P \triangleleft \wedge \triangleleft =$
 $\rho a C \triangleright \sigma \wedge \cdot \Delta \sigma \setminus \Delta \rho x$

18° $\Gamma \sigma \cdot C \zeta \rho \sigma \triangleleft \cdot \triangleleft \triangleleft L b \sigma \cdot \triangleleft \triangleright \nabla C d a \setminus \wedge \zeta b a \wedge P \triangleright \rho b \sigma \sigma \cdot$
 $\nabla P \sigma b \lceil C \cdot \triangleleft \rho \rho \zeta L \sigma \cdot \triangleleft \triangleright L \Gamma \rho \Gamma d \rho \cdot \Delta \sigma \sigma \cdot \nabla \cdot \Delta \rho \Delta d' b$
 $P \triangleright \rho \rho \zeta L b P P \triangleright \rho b a \triangleright \rho x$

19° $\triangleright \rho \rho \sigma \setminus \Gamma \sigma \cdot C b U \Omega \triangleright, P \cdot \triangleleft \triangleleft L a \cdot b \wedge d \triangleleft \sigma' \rho \rho \triangleleft a b \triangleright =$
 $\sigma^{\wedge} \triangleright, P \Delta U \sigma L b \sigma \cdot \Delta \cdot \rho \rho \wedge \rho^{\wedge} \rho \wedge \rho \setminus \nabla \triangleleft \triangleleft \rho \rho \sigma \rho \rho \rho \triangleleft a b \triangleright \cdot \Delta \sigma$
 $\nabla \triangleleft d \rho \sigma \rho \nabla b \zeta \rho \lceil d L a; L b \triangleleft a \rho \rho \triangleleft a b \triangleright \cdot \triangleleft \triangleright P \wedge d \triangleleft \sigma \cdot$
 $\cdot C \triangleleft \setminus \Delta^{\wedge} \wedge b \triangleleft \rho \triangleleft \triangleleft b \sigma \cdot \Delta \setminus x$

20° $\Gamma \sigma \cdot C \Gamma \sigma L \setminus C \sigma a C d a \sigma \triangleright \rho \rho \setminus \triangleright a b \sigma \sigma \cdot \triangleleft \sigma L \triangleright \rho b$
 $\rho \rho \rho \cdot L' \triangleright^{\wedge} \rho \cdot b \sigma \sigma \setminus P \rho \nabla \sigma \rho \rho \rho \rho \cdot \triangleleft \triangleleft \rho \cdot \triangleleft \rho b \triangleright \nabla P^{\wedge} \sigma \setminus$
 $a^{\wedge} \wedge = \nabla \Gamma \sigma L \cdot b \setminus \cdot \Delta \rho L d \triangleright \cdot \Delta \triangleright \cdot$

$L \rho \Delta^{\wedge} d U \cdot x$

1° $L \rho \Delta^{\wedge} d U \cdot, \nabla d U \sigma b \Delta \rho b \cdot b C \rho \sigma \lceil a \sigma \cdot \triangleleft \setminus, \Delta C \triangleleft \sigma P b$



9. Δσ, b.p.p.p Lr = 9 ΔNCL, aL Lb P b LrJUs"x

7. C.v bC ΔUσrBU > ∇ P r LL^b r < N r L b \ b. q r Δ =
. ∇. Δ > P 5^Λ > 5 d r Δ d > d, < C ∇ L Γ) σ r b U \ Δ L ∇ > . b . P r
Δ N ^ b . Δ b < . Δ ^ C . < \ Δ L L . Δ N < ^ d σ 9 . x . Δ a N Λ a . ∇ . b > ^
P N . Δ σ . Δ . σ ^ C P a C . ∇ σ C d r a a . P r N < ^ d σ b . Δ > \ P / Δ =
> Γ . Δ σ a . < , P) C J . Δ σ a . < Δ r σ ^ C . < . < = L . < = P b r Γ) =
σ C J . Δ σ a . < Δ r x ∇ d 9 Γ σ b . Δ > \ a σ b r Δ d r . Δ > b P b ^ P =
C L r > \ x .

∇ < > U . Δ r b U \ L r a r . Δ > 17x

8. L r a r . Δ > . < < N σ . ∇ L b > a ^ Λ = LL^ ∇ U σ C . b . p . 9 L r =
Δ ^ d U . Δ . Δ 5 9 σ C J . Δ > x . < P = < > C . < < N σ . < σ . < > σ . 5 ^ ∇
< < P . < N > ∇ Δ C J P < σ L L r Δ ^ d U . Δ < C L ^ b r \ , b P a . L b ∇
L r a U P < > Γ . Δ a x < σ Δ < > Γ . Δ a , ∇ . < d < σ P b < < C P P r Δ =
J σ b U P < σ Δ σ . 5 ^ Δ r Λ d . Δ < ^ (Δ) . Δ a . , ∇ . < d L b Δ Δ : LL =
C d r . Δ > , 5 5 P r . Δ > , Λ J . b N r . Δ > , Δ U σ C J . Δ > , Δ b 5 P Γ . Δ > , P J =
. < r . Δ > σ ^ C P N Γ . Δ > x Δ L . < < N σ . < σ . < > P r r P L Γ) σ σ =
C Γ Δ d > \ ∇ C . v 5 σ C . b \ Δ Δ L r . (. Δ a b) C d r \ Δ 5 ε Δ σ σ =
. < \ P r Δ J U r \ L r Δ ^ d U \ x

9. . < P = L b < σ Δ < > Γ . Δ a , . < < L b σ . < > Δ . Δ > J ^ b a ^ =
Λ C \ < σ L L r . C . Δ > b < σ J r b U \ x L N b , a v < b < . b > a ^ Λ C J =
C σ . < > L L C d r . Δ > , U U . 5 5 P r . Δ > , a v d / Λ J . b N r . Δ > , P σ =
Λ \ Δ U σ C J . Δ > , d d ^ b 5 P Γ . Δ > , Γ J Λ J . P J . < r . Δ > , σ ^ C Γ P =
a \ P N Γ . Δ > x

10. ∇ b . Δ ^ b = ∇ P Λ r L b \ ∇ σ J . < a r Δ . ∇ L b \ Δ ^ d U . ∇ =

• Δd $L \cdot \Delta = < \geq U$ $9^9 \sigma C \cdot b \sigma \sigma \setminus \triangleright$ $a \sigma b \Gamma \Delta d \rho \cdot \Delta \sigma \cdot \Delta \cdot b$ $\sigma \sigma =$
• $\Delta a \Gamma L b \sigma \cdot \Delta \Gamma \setminus x$ $\forall \forall \geq \setminus$ $L b$ $\leq d = U \cap < \triangleright$ • $\Delta \leq 9 \sigma C \cdot L \setminus$, $\Delta \sigma \cdot \Delta \setminus$
 $\Delta \wedge \wedge = \Delta \sigma L$ $b \cdot b C P \Delta d \rho \cdot \Delta \triangleright$, $\forall \geq \setminus$ b $\Delta \sigma \cdot \Delta 9 \sigma C \cdot b \sigma \sigma \setminus \triangleright$ $L \Gamma =$
• $C \cdot \Delta \sigma \cdot \Delta \cdot \triangleright \Gamma x$

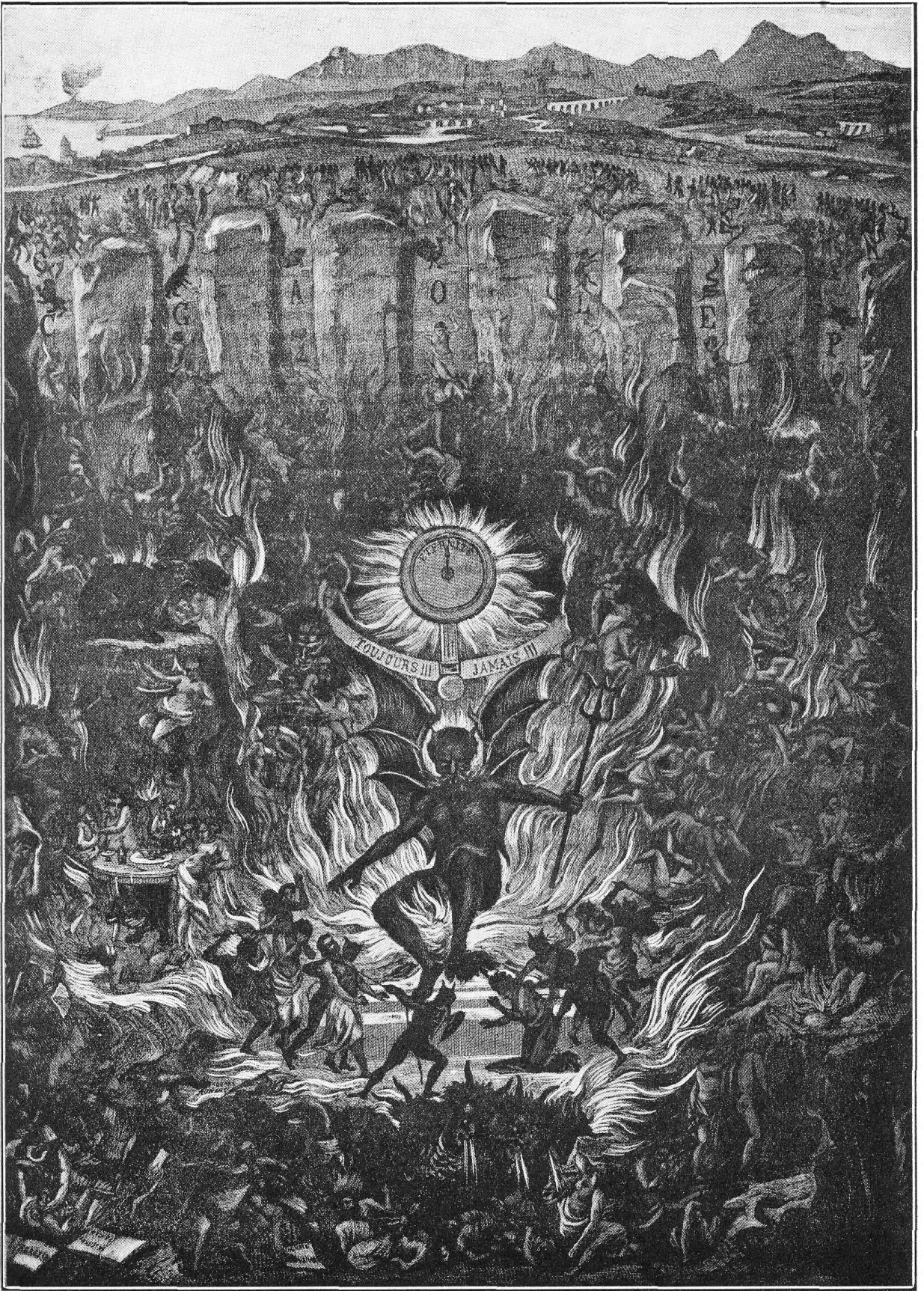
11° $\sigma \Gamma$ $\Delta U 9$ "0", $L L C d \rho \cdot \Delta \triangleright$ $\Delta \cdot C \Gamma b U \cdot$, ∇ $\Delta C \rho a \Delta b U \setminus$,
• $\Delta < L b \sigma \cdot \Delta \cdot \Delta \setminus$ $\Gamma L C d \rho \Gamma \setminus \nabla$ $\Delta \sigma C < C b \sigma \cdot \Delta \Gamma \setminus \triangleright \cap \wedge b \cdot L \Gamma L \sigma \triangleright =$
• $\Delta \sigma \wedge C \nabla \triangleright C \Gamma \setminus \Delta \triangleright \wedge b \sigma$ $P \Gamma \triangleright \Gamma \cdot b a \wedge \wedge C \cdot \Delta \Gamma \setminus x$ • $\nabla \leq \Gamma \cdot b =$
 $\nabla \wedge L \cap \rho \Gamma \setminus$, $a L$ P $\triangleright \Gamma$ $C < U \sigma \Gamma \cap \rho \cdot \Delta \setminus \triangleright \cap \wedge b \cdot \Gamma \rho \cdot \nabla$ $\sigma C \cdot \Delta C \sigma \Gamma$
 $P \rho L \sigma \triangleright \cdot \Delta x$

12° $\sigma \Gamma$ $\Delta U 9$ "A", $\leq \leq P \rho \cdot \Delta \triangleright$, • $\Delta < L b \sigma \cdot \Delta \cdot \Delta \setminus$ $\leq \leq P \rho \Gamma \setminus \nabla$
 $P P \wedge b P \setminus \Gamma \cdot \Delta \cap \sigma \cdot \nabla$ $\sigma \cdot \nabla d U \sigma \setminus \triangleright \cdot b \geq \cdot \Delta \setminus$ $P \Gamma$ $P \wedge P \rho \Delta d \Gamma \setminus \triangleright \Gamma$
 $C \sigma$ b $\Delta \wedge \wedge \Gamma$ $b 9 < \cap \rho \Gamma \setminus$, $\Delta \cdot \Delta \rho U$ ∇ P $\leq \forall \sigma C P \setminus \triangleright \triangleright$ b $\sigma \sigma \cdot \Delta a =$
 $C \sigma \sigma P$ $9 \cdot b a$ $\triangleright C$ $\Delta \wedge P \setminus \Delta \wedge \wedge =$ • Δa ∇b 9 $\Delta \wedge \cdot b < \sigma \sigma P$ • $\nabla \sigma \cap =$
 $\rho \cdot \Delta a$ $P \Gamma P \sigma d \setminus x$

13° $\sigma \Gamma$ $\Delta U 9$ "L", $\wedge \sigma \cdot b \cap \rho \cdot \Delta \triangleright$, • $\Delta < L b \sigma \cdot \Delta \cdot \Delta \setminus$ b $\wedge \sigma \cdot b =$
 $\cap \rho \Gamma \setminus$, $\Delta \sigma d \setminus \nabla$ $\triangleright C C L \triangleright d \Gamma \setminus L \Gamma L \sigma \triangleright \cdot \Delta$, $\sigma \wedge C \nabla$ $L \cdot b \wedge \cap d \Gamma \setminus \nabla$
 $L a \Gamma U \nabla \sigma \Gamma$ $\Delta \cdot \nabla \geq \sigma \leq$, $a L$ $C \cdot \forall$ $\Delta C \cdot \Delta \setminus$ $\Delta \cdot \nabla \geq \sigma \leq \setminus L \Gamma \Delta \wedge d U \setminus$, $L b$
 $\wedge d$ $\Delta \cdot C \Gamma b U \cdot \triangleright C$, $\Delta \wedge \sigma \sim$ $P \Gamma$ $L \Gamma \triangleright \sigma C \Gamma \Delta d \geq \setminus \nabla$ $\Delta \wedge \wedge \Gamma$ $L a \Gamma U =$
• $\Delta \triangleright C \cdot \Delta \Gamma \setminus L \Gamma L \sigma \triangleright \cdot \Delta \setminus \nabla$ $a \sigma b \Gamma \Delta \Gamma \setminus$ b $\sigma \sigma \cdot \Delta a \Gamma \Gamma d \rho \sigma \Gamma x$

14° $\sigma \Gamma$ $\Delta U 9$ "E", $\triangleright U \sigma C \Gamma \cdot \Delta \triangleright$, • $\Delta < L b \sigma \cdot \Delta \cdot \Delta \setminus$ $\Gamma \sigma P \sigma \wedge \cdot b \setminus$
 ∇ • $\Delta \wedge \wedge b \wedge \wedge \cdot \Delta \Gamma \setminus$ b $\triangleright U \sigma C \Gamma \sigma \Gamma$, ∇ $\cap \cap < \forall P \sigma \Gamma \setminus$, $\sigma \wedge C \nabla$ $L L \cdot b =$
 $L \Gamma \setminus$, $\Delta \rho \Gamma$ $L b$ ∇ $L \Gamma \sigma \Gamma \wedge C \Gamma \setminus x$

15° $\sigma \Gamma$ $\Delta U 9$ "G", $b \leq P \Gamma \cdot \Delta \triangleright$, • $\Delta < L b \sigma \cdot \Delta \cdot \Delta \setminus$ b $b \leq P \Gamma \Gamma \setminus$



Γ₂ ∇ P ∩ C ∩ Δσ_a, ΔC L ∘ Δ ∇ b b ΔC C σ C ∘ b P, b ∘ P C L =
r ∘ Δ ∫ P P S ∫ Δ r, P ∘ ∘ ∘ ∘ ∘ C L d q ∘ b ∫ ∇ ∘ Δ a ∇ a ∘ ∇ Δ ∫ Δ r
P ∫ L σ ∫ x

11° a P ∫ L b ∫ < Δ P Δ ∘ ∇ ∘ Δ ∘ ∇ σ r q ∘ Δ ∫ Δ ∫ ∇ ∫ Δ ∩ σ b U P Δ ∫
∫ Γ ∇ L σ ∫ b r ∘ Δ a ∫ Δ r x ∇ (P U ∇ ∫ ∫ ∇ Δ) ∘ b ∘ Δ ∫ P ∫ L σ ∫, ∇ < ∫ =
(Δ ∩ ∫ ∫ ∫ L b, P ∫ Δ r C ∫ a a ∘ ∘ ∇ σ r q ∘ Δ ∫ P r Γ ∘ Δ C ∩ r L b ∫ x
∇ P r < ∫ (Δ ∩ ∫ ∫ L b, P ∘ Δ σ (a a ∘ Γ) σ x

12° Δ ∫ r q ∘ Δ ∘ ∇ σ r q ∘ Δ ∫, ∇ ∘ Δ d ∘ Δ r Δ d r ∘ Δ ∫ b Γ σ C ∫ P =
∫ L σ ∫, Δ ∘ ∘ ∘ C ∘ ∇ σ (L d x P ∫ C d a a ∘ P r ∫ C L ∫ b Γ ∘ a ∫ ∫,
P r ∫ Δ ∫ C L ∫ ∘ ∘ C b L a C ∫ x

13° ∘ Δ r Δ ∘ ∇ L b ∫ ∇ Γ ∘ L Γ ∫ ∘ σ C Γ Δ d ∫ ∫ ∇ ∫ d r ∘ b ∫ L b ∫ P
L r Γ ∫ ∘ σ C ∫ ∘ Δ σ a ∘ Δ ∘ ∘ C L b ∇ ∘ Δ C L q L b ∫ b Γ ∘ a ∫ P ∫ P =
Γ ∘ ∇ ∘ Δ a ∫; P r q σ C Γ Δ d a a ∘ ∘ ∘ C ∇ P ∘ P ∘ C C L b ∫ ∘ b ∫ ∫ ∫ P ∫
Δ U σ C ∫ ∘ Δ σ a ∘ Δ x

14° Δ σ ∘ Δ ∫ L b ∫ ∫ b Γ ∘ a ∫ P ∫ ∫ ∩ σ ∘ Δ r Δ ∘ ∇ ∘ Δ a, P ∫ L σ ∫
P Γ σ d a ∘ ∘ a ∘ b P ∘ Δ r Δ d r ∘ Δ a, ∫ L r Δ d r ∘ Δ ∫ Δ r x ∘ Δ r C ∘
Δ r r Δ σ Δ q ∘ b a b d ∘ d σ d ∫ ∫ P r ∫ Δ r Γ ∘ Δ C ∩ r ∫ ∫, C ∫ ∫ ∫ =
Δ ∫ ∫ ∇ ∩ C r ∫ ∫ ∘ Δ a, ∇ Γ ∘ P ∘ P ∘ ∘ Δ ∫ ∫ ∫, L L ∘ b r Δ ∫ r q ∘ Δ a ∘ ∘ C
d C P ∫ q ∘ b a x

15° ∇ b ∇ ∘ Δ r Δ d ∫ ∫ ∘ ∇ σ r q ∘ Δ ∫, a L q ∘ b ∫ P b P ∫ =
U a a ∘ P r P ∫ Δ r b ∘ P C L ∫ ∫ ∫ P r P S ∫ ∫; ∘ ∇ ∫ q r ∘ ∫ ∫ ∫ ∫ ∫ ∫ ∫ ∫ ∫ ∫
a ∘ ∇ ∘ Δ a P Δ ∘ U ∘: " ∇ b ∇ ∘ Δ r Δ C d ∫, a L ∘ Δ a q ∘ b ∫ P P
∫ U a ∘ Δ ∫ x

16° PZLσ) Γσ·∇· ΔJF9·Δ 5·∇σF9·Δσσ· Γρ·∇,·Δ·Δ·
▷ Lρ·C·Δ ρ·C·∇b ∇>ΓΔσF x·∇> J^U4σC· Γρ·∇ Δ·∇σ=
·Δ Pρ ΛLρDσF x

17° b29 P Γσda· Δσ7σ· 5·∇σF9·Δσσ· Pρ Δ>ΓF9>^
ΔC 9 P Δ>>^ Γρ·∇ dCP> b ΔU<σ>^ 5·∇σF9·Δ2x

18° Δ^Λ^ VρNaLcd ▷L 5·∇σF9·Δ>,P b dFCCaa· Γ)σ
∇> b^ρC>^ Pρ ΓΔ <<F>^, ρ·C ∇b 9·b > Pρ JCL^ P=
P2^d^CL^ b ΔJ JPA d>^; Lb Λd Pρ <PΠσΠρ^CL^ ·C=
4^ ρ·C Γ)σ ∇^ΛFUV>^ b ΔJ P^PΔCΔd>^ x

∇ <>U ·ΔFbU^ Lρ2ρ·Δ> 18x

19° ΔσL b ΔΛ5J^ Lρ2ρ·Δ> Pρσ^P^ ΔU9 Δ^ΛΓ^,P
<PNaLdaa· b Γ·bJ^ P^PΔL9·Δ>x b P ΔJ JPA b d^
5·∇σF9·Δσσ· Γρ·C >>x ∇>·b· ∇ Pσbσ^, ∇ Δ)U^ CL^
ΔC·Δσ^, ΔC b ΔUσC^ Pρ Lda^ Γρ·∇ ^Π^Π·Δσσ·Δ 9
P Γ^b·Δ^ ρ·C Pρ ΛF·∇Λ2^ P<▷)·ΔbΓd^,P VC· VCd=
ρ·Δσσ· ∇ Δ·ULbσσ^: "ρ^,ρ^,9·b > ·∇F b·bCPΔ>>?"
"Δ·∇2 P2 UVσF9>>?" P b·9F9J^ ∇d Lb VCdρ·Δσσ·b
Δ^·9·ΔJΔd^: "σ2 ∇·Δd ρ^ Δ2 b b·bCPΔ^" x >>, ∇
2σP<σ^,P Δ·U·: "UVσF9>>,9·b > ρC·∇σF>> Pρ JC=
L>?" x ΔJΠ>·Δba,9,4-6x

20° 2LΠσ^ ΔU9, Lρ2ρ·Δ> Δ^ΛΓ^,P Δ<L2· P ΠVσF9=
Γ2· ∇ ΔΛ^ ·ΔP· J2Δ<σ^, ∇ ΔC^ Lb ΔσΔ 4LΠC> Δ^·9=
·Δ, "P5^Λ> P P^9σCJ·Δ<σ ▷ Γσ·∇·Δ> PZLσ)" x Γρ·C



1, 4, 10x 9.6, Lb DL P2Lσ) Δ Γσ.∇.Δ? ∇Δ.бσL 5=
•∇σP9.Δ, ΔσL L.Δ- б P^UσC.б\ Δ^Λ- Γσ.∇ dCP> Γ=
σ.∇.Δa б б*Pσ>\ PΓ Γσб.Δ>\ ΔC Δ^P\ x

21° ΔσL б Γσ\ Lσaσ.Δ? UC.Δ-, ∇.Δd Δ*PσP^9. ∇
•ΔΛΔ' <PσU.∇.Δ> σ^C ∇ Cda\ ΔPσ\ б •ΔCσ\ •ΔΛ.б=
σσ. x ∇ ΔCΛ' Lб PσPσd\ Δσ, σ^C ΓσLσ) •Δ ∇ P ΔσCσP
Δ Cσ9.Δσσ. ΛP ΔUΔ\ x "aL a P P^9σUa.Δ., Δ. U. Γσ=
•C >>, ∇ Δ' Δ>Γ∇.ΔбΓΓd>\ P2Lσ), σ^C ΓσLσ) ∇ ΛP^=
бC\ *? dP>P>a\, 3, 16x

22° •9^PU ΔU9, Δб\ б Δσ Δ>' PΓ <^CΔ).Δσ\ •ΔCL=
бσ.Δ> CΛ^d- Δ*PσP^9. ∇ Δσaσd' ∇ •ΔбΓ^бd' •Δσ=
PΛ^Pσ.Δσσ., ∇ PσP^б\ б*PσCJ.Δ •ΔaPba σ^C ∇ L.бΛ=
Pσd' P^C<σ>Λ> LσLσ).Δ б ббσ PσPσ9σP ΔUΔ\ x

23° JC^, б ΔΛσ>\ Lσaσ.Δ? σP, ∇.Δd б <U>σC.б\
P^Pσ.ΔCσP9.Δ, ∇ a^d^PσU\ 5.∇σP9.Δ, ΔC ∇ P ΔσCP=
Lбσ.Δ' ΔσΔ б P •Δ.∇a<ΓΓP σσσ. ΔσPσ.Δбаx

Δ>Γ∇Lσ)бP.Δax

1° Δ>Γ∇Lσ)бP.Δa ∇.Δd <P 9.ба б ббP P^Pσ.Δ=
Pσba б P ΔσC' P PσPσ9Γa. qσ^ \P^)^ PΓ Γσd> 5=
•∇σP9.Δa P' ΔбdΓa\ σ^C PΓ <PΔd>\ x.

2° Δ. Cσ.Δ) Δ>Γ∇Lσ)бP.Δa; " ббP P^Pσ.ΔPσba",
•∇ Δ>Γ∇Lσ)бP.Δa P^Pσ.ΔPσC(L.б. a ∇б б бб\ 5.∇σ=
82x

19. Δ: b Γσb.Δ> Δ^A ∇∇aLdx

3° σ.γ.α <βΓ∇Lσ>b.Δa "∇.Δd ΔΔ: ρbΔC9.Δ, ρP= U∇^b9.Δ, Γ.σ.C Δbσ^∇.Δ, ∇∇σ9.Δ, <βΓ∇>Γσ9.Δ, Γ= bU.Δdα<Δ.∇.Δ> σ^C <βΓ∇.ΔP>.Δ)x

4° σ.γ.β ∇∇ <βPΔd> <βΓ∇Lσ>b.Δa: Δ∇/ ∇ Γσd= > ∇.∇σf9.Δ ∇b ∇.∇.b b <β>: dCP> Lb, ∇ aPCLd> <βPΔ.∇.Δ ∇.∇σf9.Δ> ΔΔ b' <β>x

5° ΔσΔ <βΓ∇Lσ>b.Δa b ΔΓ Γσd> <βPΔ.∇.Δ ∇.∇= σf9.Δ, ∇.Δd ρbΔC9.Δ σ^C ∇∇σ9.Δ)x b ΔC^∇σ' PΓ <^CΔ>.Δσ ∇.∇. ΔUσCδρ. ∇ Δbδ.Δ'; ∇Δ.∇.σL ∇∇ Δσ= ∇.Δ ∇' <βΓ∇Lσ>b.Δσ.Δ.Δ ΔσσbUσP x

6° ΔσΔ <βΓ∇Lσ>b.Δa b aPCLd> <βPΔ.∇.Δ ∇.∇σ= f9.Δ> ΔΔ b P.P.^bLd<, ∇.Δd ρPU∇^b9.Δ, <βΓ∇>Γσ9= .Δ, ΓbU.Δdα<Δ.∇.Δ> σ^C <βΓ∇.ΔP>.Δ)x(1) b P.P.^b ∇ <βPΔ.∇.Δ ∇.∇σf9.Δσσ. ∇L∇ρ. ∇ Δbδ.Δ' ΔUσCδρ., ∇Δ= ∇.∇.σL ∇∇ ΔσσbUσP Δ' <βΓ∇Lσ>b.Δσ.Δ.Δ Δ ∇L∇x

7° Δ b^PCL9.Δa ΔΓ Γρ^ ∇∇^ σ^C .Δa ∇ P ΔσC' <βΓ∇Lσ>b.Δa Γσ.∇Lb.α ∇.∇σf9.Δ σ^C ΔL ΔU: Γ= > ΔP> P.∇.∇ ∇∇σbU.∇.∇ ∇.∇x

8° ∇ Δ∇σbU ∇ <βΓ∇Lσ>b.Δ ∇b ∇ U<9σCδρaσ.Δ', σσ.ΔaPσ.Δ Δσa.∇; ∇∇ LΓ <βCσ.Δ> ΔσL b L.ΔΓ <β>x

9° ρbΔC9.Δ, ρPU∇^b9.Δ σ^C ΓbU.Δdα<Δ.∇.Δ> P (1) Γ.σ.C Δbσ^∇.Δ)x

Γαβσ·Δ> ∇>·b· Λd ∇>· Δ·∇σ·b>; ΔL ΔΓ ∇·Δd ∇ σ·ΠP
Δ>Γ∇Lσ) b·Δα ∇ L·ΔΔLbP ΔLd· ΔLd·Δ P·P·ΔΓΓb>
∇b·Δ·b- q b·ΔbU·x

10° ΔL ∇ Δ·Cσ·Δ·, Δ·CΓbU· ΔΔ Δ>Γ∇Lσ) b·Δα ∇ L=
L·ΔqLbP ΔLd· ∇ ΔLd·Δ· ∂·C ∇b ·b· P·P·ΔΓΓb>, Λ)
∇ P·qσCδCLbP δCP>· ΔL·b· ΔΓ ∇b ΔσL b Δ·ΛΓ
∇·∇σCδΓΓ·; ∂·C Λ) ∇ ΔJ <bσ·(L·Δbσ·Δ> P2Lσ) ΔσΔ
ΔL·b.

ρbΔCq·Δ>x

11° ρbΔCq·Δ> ∇Δ·bσL Δ>Γ∇Lσ) b·Δ> b b·ΔqLb· Δ=
σ·q <·(Δ)·Δ> ∂·C b ΔΓ ∇·Π·Δσσ·ΔΔd>, ∂·C b ΔΓ
ΔC·ΔJΓΓC·b· P2Lσ) ∂·C Δ>Γ∇·b>x

12° ρbΔCq·Δ> b·ΔqLb> ΔΓΓ Γ·∇ ΠΛα·∇ <·(Δ)·Δα
b ΔCL· Δ·Λ, ΓqL <NL ·b>· ∇ Δ<ΓCσ·Δ·, ∇ΠσbUq,
ΔαΔ ∇ ΠΛ Δ LΓ) ∂σΓbσ· Δ·∇αx

13° ∇·Δd ΔΓ, Δ·Λ ∂C·ΔPΓ Δ·ΔJ·, ΔUσCδΓ·Δ· ΔσPΔd=
L·Δ· PΓ <PΠαΓ· PΓ ρbΔCρσΓ ·Δ<- Δσd· ∇J b·P·C·P·,
·∇· C·C· ∇ P·J·b·, ∇b ∇ ρbΔCρ· Δα Δ·ΔJ· α·σ·hσ· PΓ
>σ·ΛLΠρ· ∇b ∇ ρbΔCρ· ∂·C Lb ΔΓΓ α·σ·hσ·Δbσ·Δ> PΓ
P<Δ· P·P·J·d· ΔΓx

14° Δ·Λ Δ·<σ·q ∇b PΓ P ρbΔC·Δbσ·Δ· Δ·∇α, bC P
Γ·d)·b·qLb> ΔL Δ>Γ∇Lσ) b·Δ> ΔσL δC· q·b> ∇' ΔΠσ=
bU·: 1, ∇ σ<Δ· Δ·∇α Δ>Γ∇·Δ> ΔΓ: Δ·C ·∇P ΔJσbΓb=
84x

U. Γδ.Δ ρβΔC9.Δ, 2, ρ^C Λδ P^Λ, Λρ^b d_σ.Δ9 5=
PΔ.∇.Δ, b Γ.εστ \ ∇ Δρρ J^U4σρbU \ Lb ρβΔC9.Δ,
J^U4σCJ.Δ ρβΔC9.Δ, ΔστbU. x

15° b^P C. Γρ.∇ C) Δ.∇σb, Pρ ρβΔC9' x . Δε σ^C ε
∇ ΔCστ \ Δ.∇σbε \ b ΔγΓ∇bε.ΔΛ' ρ^C Λδ JbU.Δdε4;
<.b>C. Λδ Δ.∇σb, b^P C. ρ^C εC.∇σCδρ. Pρ ρβΔC=
9' x ΔσL ρβΔC9.Δ, Γ.εστ, ΔC Γρ.Δ- ∇ ε^Cρ ΔγΓΔ'
Δε Δ.∇σb, x .Δ.Δ- ∇b b ΔγΓΔ' b^P C. ρ^C Pρ ρβΔ=
C9' x

16° <.b>C. Δ.∇σb, ∇ ρβΔC9' ΔσρΛσ. bC ρPεL.∇.
Δ^N. bσσ \ ΔσΔ b ρβΔC.Δ', V^P^U bC .Δ)Cε. C^Λδ- b
JρbU \ Γ.εC b)σ \ ΔγΓ∇^bσ \ ∇ ρβΔC bσ.Δ \, V^P^U ρ^C
bC Δ. U.: "P ρβΔC N, Δ' Δστbρ.Δσ \ .∇C.ΔΓ' ρ^C .∇
dρρΓ' ρ^C Γ.εLσ)" x

17° ρβΔC9.Δσ \ ΔεC L bσ.Δ, Pρ εεΔC. Lσ.Δ \ Δ' Δε=
ε.∇.Δσ.Δ.Δ P2Lσ) ρ^C ΔγΓ∇^b, ρ^C Pρ .∇Λσ' Lρ=
Lσ) ρ^C Γρ.∇ Δ L L C δρ.Δε ρ^C Δ' Δ)^9.Δε Pρ .∇=
ΛσbUσP x

∇ <γU .ΔρbU \ Lρερ.Δ, 19 x

18° Δ ρβΔCρ.Δ, Γρ^ \ N^)^, C^C.Δ- ΔσL Lρερ.Δ,
.Δ<Nσ.∇L bσσ. <γU, Cεσ Δ<NρL b \ ΔσL ΔγΓ∇Lσ) bρ.Δ,
Γ. b- P N∇σρ9Γε. b ρβΔCδ' Γ.εC J > <^N^C, Δ>C J^=
C > ρΛ \, Δ V C δρ.Δ, P2Lσ) ΔC.ΔL. P VρbUσ., ∇ Δ. U=
L bσσ \ : "∇.Δd Δ.Δ b 5PΔ \ σδρ, ε^Λ- b εΔε.∇Δ'" x

Γ.ο.Ϟ Δβσ^Π.Δ'x

1° Γ.ο.Ϟ Δβσ^Π.Δ' ∇.◁δ Δ>Γ∇Lσ)βρ.Δ' ΔϞ Ϟ.∇ ∇=
Ϟ' ηρ^ Δαδα\ Δ' Δσδρ.Δσσ\ Ϟ^Ϟ ϞΓα>\ Δ' Δσδδ=
ρ.Δσσ\ x Γρ.∇ρ. ηρ^ Γ.ο.Ϟ Δβσ^Π.Δσ\; ∇ .Δ>.Δ', ∇
Γδ.Δ', ∇ Δβδ.Δ', ∇ Δσσ.Δ' Ϟ^Ϟ (∇ ΡβLσ) .Δ' x

2° ηρ^ \Π^)^ Ρ ΔσϞ. ΔσΓσ. Δ>Γ∇Lσ)βρ.Δσσ.:Ϟ=
σ ΡΡ Ρ .ΔρϞσϩΓϞ\; Γα Lβ, ΡΡ <ΡΠσΠρ^Ϟ.◁' ΔϞ.Δ>
Ϟσ ∇ .Δ ηηΡ.Δρϩ^ϞLϞ\; ΡΡ Ρ Δβδ.Δ Δ>ΓϞ\ x

Δ>Γ∇η^βJ.Δ'x

3° ∇ ΔσϞ' ΔΓσ Δ>Γ∇Lσ)βρ.Δσσ., ηρ^ Ρ ΔΠϞ. Δα=
δα.◁, Ρ Δ>Γ∇^ϞL.∇., Ρ ^δϞ., ∇δ Lα' Δ Ρ^ΡδΔL.Δβα
∇ ΔϞ': "ΔΠσ.∇\ Ϟ^Ϟ ΓΡρ\; ∇.◁δ ΔL σ>." x Γ.ο.Ϟ L=
ΠϞ, 26, 26 x ∇δ Γα β ΔΠα\ Γσ.ββσσ., Ρ αα^δJ Lβ, ∇δ
Lα', ∇ Δ.∇': "Γσ.ϩ\ Γρ.∇ ∇ ΔϞσϩ\, .∇η ∇.◁δL σ
ΓδϞ Δ^Ρα^δΓ).Δσ\, Γη' β ΔΡ ρΡσβΔβ∇\ ΡΡ βρΔβ∇Ρ
<^Δ).Δα.: ϞϞJ\ ΔL ΡΡ Ρ^Ρρ)Ϟ.Δϩ\." x Γ.ο.Ϟ LΠϞ,
26, 28; Γ.ο.Ϟ Ϟ\, 22, 19 x

4° ΔΔ Δ>Γ.Δα ΔΡ, "∇.◁δ ΔL σ>, ∇.◁δ ΔL σ ΓδϞ"
ηρ^ Δ Lσ).Δ ρβΠρ.Δσ\ ΔΡ, Ρ .ϩ^Ρ∇. Δαδα.◁.ΠΛα.∇
.Δ>.Δ\; Ρ .ϩ^ΡϞ. ϞΓα>σ. ΠΛα.∇ Δ Γδ\ x ΔΔ Lβ δ=
.ϞΡ> Δ>Γ.Δα β ΔϞΡϞ': "ΔL ϞϞJ\ ΡΡ Ρ^Ρρ)Ϟ.Δϩ\." Ρ
ΓϞ. Δ' ΔσΠη.Δβα, σ^ϞϞ Γβ∇.ΔδαϞσΡ, Ϟ^Ϟ ΡΡ Δσ^ϩ Γ=
ασΡ δϞΡ> ΔΓσ. β^ΡΔ.Δσσ. ΡΡ .ϩ^ΡΔσΡ Δαδα.◁. Δα=
87x



עד' $\Delta \cdot \nabla a_x$

13° $\cdot b \succ \wedge \nabla P \supset \exists a \cdot P \cap \nabla \sigma \Gamma a \cdot, P' \Delta U \sigma C d \rho a a \cdot P \bar{f}$
 $P \bar{L} \sigma \cdot \nabla \sigma L \cdot \Delta a = \Delta \Delta b \wedge \Gamma \wedge b C \cdot, \sigma^C P \Gamma a a \cdot d L \cdot \Delta \sigma L$
 $\supset \nabla P \Gamma \sigma C C \cdot, \sigma^C \Gamma \sigma \nabla \wedge \Gamma U \nabla \cdot P \Gamma < P \cap \sigma \cap \rho^C \cdot \Delta \cdot$
 $\sigma^C P \Gamma a \cdot C L \cdot \Delta \cdot \supset \nabla \sigma \Gamma a \cdot \Delta a b \cdot \sigma U < \sigma \cdot \Delta \cdot x \nabla \cdot \Delta \cdot b \sigma L$
 $\nabla \Delta \cdot \Gamma \nabla a a \cdot d \cdot \Delta \sigma \cdot \Delta \cdot b \Delta \cdot C \sigma \cdot \Delta \cdot x$

14° $\Delta L \Delta \sigma a \cdot b \cdot P \Gamma \wedge \sigma \Gamma b U P < \cdot C \Delta \cdot b \Delta \cdot \sigma \cdot d \Gamma \sigma =$
 $\cdot \Delta a \sigma \cdot \Delta \cdot x \Gamma \sigma a L \cdot b \succ \wedge \cdot b C \Delta \sigma a \cdot b \sigma < \cdot P \Gamma \Delta \cap L \Gamma \sigma =$
 $\sigma \Gamma L d < \cdot d C P \succ \cdot q \cdot b a x \sigma^C \Delta \sigma a \cdot b \cdot P \Gamma \cap < \Delta L \cdot \Delta \cdot P \Delta =$
 $\supset \Gamma \nabla \Delta U \sigma C d \rho \cdot \Delta \sigma a \cdot \Delta \cdot P \cap \nabla \sigma \Gamma a \cdot \Delta a = \Delta \Delta b \cdot P \nabla \Gamma C \sigma =$
 $q' P \succ \cdot \Delta a \cdot; \sigma^C L b, \Delta L \Gamma \cdot b = \nabla \wedge \Gamma \wedge b C \cdot \Gamma \rho^C, C \cdot \nabla a =$
 $L C \cdot b \cdot q \cdot b \cdot \Delta \cdot \Delta \rho U P \Gamma a \nabla < \sigma \cdot P < \cdot \Delta \wedge = \Delta L, P \Gamma \cdot \Delta \Gamma \Delta \cdot =$
 $\Gamma L \cdot \sigma^C P \Gamma a \cdot C L \cdot \Delta \cdot \Gamma \rho \cdot \nabla \nabla \sigma \Gamma a \cdot \Delta a b \cdot L \sigma \rho \cdot x$

$\Delta a \Gamma \rho q \cdot \Delta \cdot x$

15° $\Delta a \Gamma \rho q \cdot \Delta \cdot, \nabla \cdot \Delta \cdot b \sigma L \cdot \Delta \cdot \Delta \cdot \Delta \cdot \Delta \cdot \Delta \cdot b \Delta \cdot \Delta \cdot \Delta \cdot \Delta \cdot$
 $P \bar{L} \sigma \cdot \Delta \cdot \Gamma b U \cdot \Delta d a \Delta \Gamma \rho^C \cdot \Delta \cdot \Delta \cdot \Delta \cdot \sigma \cdot \sigma^C \Delta \cdot \Gamma d \sigma \cdot \Delta a d a \cdot$
 $\Delta \cdot \Delta \sigma a d \rho \cdot \Delta \sigma \sigma \cdot \sigma^C \sigma \Gamma a \cdot \Delta \cdot \Delta \cdot \Delta \sigma a d \rho \cdot \Delta \sigma \sigma \cdot, \nabla b P \Gamma$
 $\sigma C \sigma \cdot \Delta \sigma \sigma \cdot \Gamma < \supset \cap \cdot \Delta \cdot \Delta \cdot \Delta \cdot \Delta \cdot \Delta \cdot, C \sigma \sigma L b P \Gamma a d C \sigma =$
 $\cdot \Delta \sigma \sigma \cdot x \Gamma \rho^C \cap \Delta a \cdot \nabla P \Delta \sigma C \cdot \Delta a \Gamma \rho q \cdot \Delta \sigma \sigma \cdot \Delta \wedge \cdot \nabla \sigma C /$
 $\Gamma \sigma \cdot C \Delta b \sigma \wedge \sigma \cdot \Delta \sigma \sigma \cdot, \nabla \Delta C / \Delta P \wedge P \sigma \Delta L \cdot \Delta b a, \sigma^C \Gamma b U =$
 $\cdot \Delta d a \Delta \sigma \Gamma : \text{"} \sigma C \cdot \Delta \cdot \Delta L P \Gamma P \wedge P \sigma C \cdot \Delta \Delta \cdot \nabla d \wedge L a \cdot b$
 $\Gamma b U \cdot \Delta d a \Delta \sigma \Gamma b \cdot P \Delta \cdot \Delta \sigma \sigma \cdot P \Gamma \Delta \Gamma \Delta a \Gamma \rho q \sigma \Gamma, \sigma^C P \Gamma \Delta =$
 $\sigma^C \Gamma \sigma \cdot \nabla \sigma \Gamma \Delta \sigma \Gamma \sigma \cdot x$

• Δ •, $P \nabla L \sigma$) \triangleright $\nabla \Gamma \cdot \Delta$, $\nabla \Gamma \nabla L \sigma$) $b \cdot \Delta$ σ^C $dCP \triangleright \Delta L =$
 $d \cdot \Delta$ $q \cdot b a x$

4° $\nabla L \Gamma \sigma \cdot \nabla \cdot \Delta$ $\sigma \cdot \nabla$) $C \cdot \Delta$ $\nabla \nabla L b$ \triangleright $P \Gamma$) $\sigma \sigma f b \sigma a =$
 $\cdot \Delta$ $P \Gamma \sigma \cdot \nabla \sigma C L \setminus b$ $\nabla L P C \cdot \nabla \sigma C \cdot \Delta \sigma$ $P \wedge P \cdot \Delta L q \cdot \Delta a x$

5° $\nabla L \Gamma \sigma \cdot \nabla \cdot \Delta$ $\sigma \cdot \nabla b \cdot \Delta$ \triangleright P $\nabla C d a a \cdot \sigma b \setminus \setminus P \Gamma \cdot \Delta$
 $\cdot \nabla a \nabla C L \setminus \sigma^C$ $P \Gamma \nabla \wedge \nabla C L \setminus \nabla \sigma \Gamma \sigma \cdot L \cdot \Delta = b$ \triangleright $P \wedge U \sigma \Gamma d$
 $P \nabla L \sigma$) σ^C $L \cdot \Delta = q$ $\nabla C \setminus P \wedge L \Gamma \Delta d \cdot \Delta \sigma a \cdot \triangleright x$

6° $\nabla L \Gamma \sigma \cdot \nabla \cdot \Delta$ $\sigma \cdot \nabla b \cdot \Delta$ $\nabla \nabla C L b$ \triangleright P $\nabla d \Gamma a \setminus L =$
 $b \cdot \Delta \sigma \cdot \Delta$ σ^C $\sigma P U \nabla \cdot \Delta$, $P \Gamma P \nabla \wedge \nabla C L \setminus \Gamma \sigma \cdot \nabla P$ $\Delta U \sigma C =$
 $d \cdot \Delta \sigma a \cdot \Delta \nabla C \Gamma \sigma \cdot \Delta = \nabla \triangleright \sigma \wedge b \cdot \Delta \wedge b L \setminus \nabla \sigma \Gamma \sigma \cdot \Delta$ $\triangleright x$

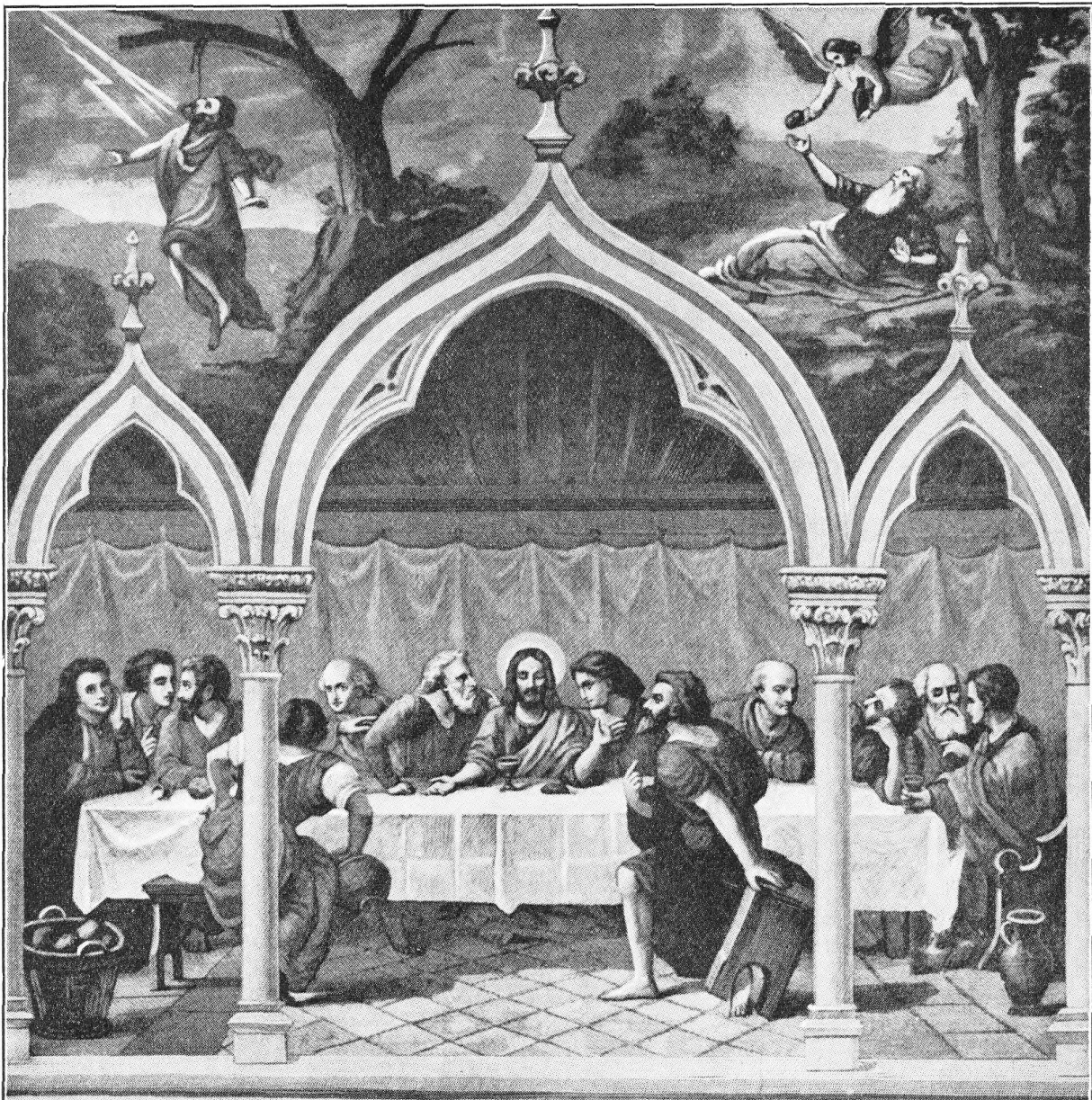
7° $\nabla L \Gamma \sigma \cdot \nabla \cdot \Delta$ $P \wedge q \sigma C \cdot \Delta$ \triangleright $P \nabla C d a a \cdot P \Gamma P \Gamma \wedge b =$
 $\cdot L \setminus P \nabla L \sigma$) \triangleright $\Delta U \sigma C \cdot \Delta$ $\triangleright x$

8° $\nabla L \Gamma \sigma \cdot \nabla \cdot \Delta$ $L \sigma$) $\cdot \Delta \nabla \sigma \cdot \Delta$ \triangleright $P \nabla P \Delta d a a \cdot P \Gamma \nabla \wedge =$
 $C L \setminus \Gamma \sigma \cdot \nabla \nabla \Gamma \nabla \cdot \Delta \Delta U \sigma C d \cdot \Delta a$, σ^C $P \Gamma \nabla P \Delta \setminus P \nabla L \sigma$) $C =$
 $\wedge \wedge d = C \cdot \nabla \setminus \nabla \triangleright C \cdot \Delta \nabla \Gamma \nabla \Gamma C \setminus x$

9° $\nabla L d^C \cdot \Delta \sigma \Gamma \sigma \cdot \nabla \cdot \Delta$ \triangleright $P \nabla \sigma \sigma \wedge b d a a \cdot \triangleright P \wedge U \sigma =$
 $\Gamma \cdot \nabla \cdot \Delta$, σ^C $\nabla \nabla \sigma \sigma \sigma \setminus \triangleright \nabla P \Delta \cdot \nabla \cdot \Delta$ $P \nabla L \sigma$), σ^C $P \nabla =$
 $C d a a \cdot P \Gamma d^C L \setminus P \Gamma \cdot \Delta \sigma$) $C \cdot \Delta \setminus x$

10° $b \nabla \Gamma \nabla b a \cdot \Delta \wedge \Gamma \setminus \wedge d$, $\nabla \nabla \sigma \wedge q \wedge b \cdot \Delta \Gamma \setminus \Delta \nabla \nabla \sigma \cdot \Delta b a$,
 $\cdot \Delta a \cdot \Delta \Delta U \sigma C d \cdot \Delta \setminus L b$ $P \Gamma \Gamma \sigma \cdot \nabla \Gamma \setminus \sigma P U \nabla \wedge b q \cdot \Delta \sigma \sigma \cdot x \wedge d =$
 $L b \nabla b U \cdot \Delta d a \cdot \Delta \setminus$, $\nabla \Gamma \sigma d \Gamma \setminus b L \cdot \Delta \Gamma \nabla \Gamma \nabla b a \cdot \Delta \wedge \sigma \Gamma b =$
 $P \Delta \cdot \Delta \sigma \sigma \cdot \Delta \wedge b \cdot P \sigma P U \nabla \wedge b q \cdot \Delta \setminus x$

11° $\nabla \Gamma \sigma \cdot \nabla \nabla \nabla \sigma \cdot \Delta \nabla \Gamma \nabla L \sigma$) $b \cdot \Delta \sigma \sigma \cdot b \nabla \Gamma \nabla b a \cdot \Delta =$



18° PΓ Γ. Δ > Π α \ ρ P U ∇ ^ b 9 . Δ σ σ . < ∇ α , Δ U σ C d ρ . P Γ
 P ^ P Δ L ρ ρ < σ Δ b P ^ C < C σ σ P Δ > Γ ∇ . Δ C . V . Δ α , σ ^ C ∇ b
 P Γ P P ^ b \ P Γ < ^ (Δ) . Δ σ σ . x e L . Δ α Δ C ρ . < C . ∇ b P Γ Γ =
 Γ ρ ρ σ ^ C ∇ b P Γ Γ σ . 9 / x

19° b Δ ^ . b Γ σ Γ < ∇ α ρ P U ∇ ^ b 9 . Δ σ σ . , < < ρ U α C . ∇ =
 σ C d ρ . Δ ^ Λ - b > P Γ Γ Δ (Π ρ ρ , Γ) σ ∇ \ Π ^ Π . Δ σ σ . Δ /
 Δ Γ x

20° ρ P U ∇ ^ b 9 . Δ > α L . Δ α α C . ∇ σ C . b > P Γ P Λ L Γ Δ / Δ =
 . ∇ α ; < d - L b , < C Γ σ C d ρ . , σ ^ C b C α σ h σ ρ < > P Γ L ^ b Γ /
 < ∇ σ Γ 9 . Δ α P ρ , Λ > ∇ h < P Π σ Π ρ U < ∇ α P Γ ρ P U ∇ ^ b . Δ / x
 ∇ < > U . Δ Γ b U \ L ρ α ρ . Δ > 21 x

21° α L Π σ \ Δ U 9 , < Δ P - L ρ α ρ . Δ > , < < L b σ . < > α > < σ . Δ =
 σ σ . ∇ Δ Π α / ∇ σ . h ρ ^ Π . b σ σ Γ < ∇ > ρ x Δ L Δ . U L b > ρ =
 P U ∇ ^ b 9 . Δ > ∇ > C d > \ P Γ Δ α > < σ . Δ σ σ L \ Γ ρ ^ \ Π ^) ^ ,
 σ ^ C P Γ σ d α . ρ b Π ρ . Δ > P Γ < d Γ C > \ < σ Δ b σ . h ρ P Δ Γ =
 Λ δ . Δ < ^ (Δ) . Δ α x

22° . 9 ^ P U Δ U 9 L ρ α ρ . Δ > , < < Π σ . < σ . < > < < Δ ρ ^ b C =
 . V C . L / Δ P ^ P Δ L 9 . Δ σ σ . Δ b . Δ > , ∇ L ^ b . Δ . Δ C \ ∇ \ Π ^ =
 Π . Δ σ σ . Δ / Δ Π ^ b . Δ Π < ^ d σ 9 . < b . Δ b . 9 > C d / P Γ . ∇ Λ =
 α \ Δ C . V < σ C \ . Δ > x Δ d C . C > ∇ ^ Λ Γ ρ P U ∇ . Δ > Γ σ b . Δ > \
 ρ P U ∇ ^ b 9 . Δ σ \ , P Γ ρ P U ∇ . Δ C . L \ Δ / Δ ρ σ b ρ . Δ > Γ ρ ^ , < C
 ∇ Δ Π ^ b . Δ ^ b L \ b . b C P Δ . ∇ . Δ > x

23° < σ L b Γ ρ \ L ρ α ρ . Δ σ \ , < < L b σ . < > Γ Δ . C Λ U ; σ ^ C



• ∇Λσ⁹•Δ>ₓ

1° DL Δ>Γ∇Lσ) bσ•Δ> bσΔ⁹Lb> Lσ)C]•Δₑ b P σ)σ =
bUP Δ⁹Λ> b P σ)σ bσCσ⁹σ•Δ>, Δ⁹Λ σ)σU•Δdₑ< Δ•Uσ: “P
bσΔLσ) P <⁹(Δ)•Δₑ Δ' Δσσbσ•Δσ> •∇C•ΔΓ' σ⁹C •∇=
ΔσσΓ' σ⁹C ΓσLσ)xΔ7>ₓ

2° bσΔL⁹•Δ>, ∇•Δd σ)σC⁹σ•Δ> b •ΔC> σ)σU•Δdₑ< σ)σ
σ)σ Δ' Δσσbσ•Δσσ>, Δ⁹Λ σ)σΔσL•Δσ) Δ Lσ)C•Δσσ• ΔσΔ
b •∇Λσ⁹σ)σ x Δₑ b •∇Λσ⁹' σ)σC•∇σCσ)σ Pσ σ)σC> σ⁹)
σ)σₑ: 1° Pσ Δ•σσΓσ)σ>; 2° Pσ •ΔC> Δ Lσ)C•Δₑ; 3°
Pσ σ)σCΔL⁹' x

Δ•σσΓσ)σ>ₓ

3° Δ•σσΓσ)σ>, ∇Δ•bσL ∇ bσ⁹σC> Δ•∇ₑ σ⁹C ∇ <=
•bC> <⁹(Δ)•Δₑ b P σ)σ>, Δσ)σ Lb, ∇ σ)σC> ∇b Γₑ
Pσ <⁹(Δσ) x

4° Γ)σ)σ•Δ Δ•σσΓσ)σ> ΔC•b> Δ⁹Λ bσ⁹σC]•Δ> Λ=
σ)σ> •∇σCσ⁹ ∇ Pσ•ΔΔ' Δσ)σ PσLσ) Γ)σ b Γσσσ>, b σ)σ
PΔσ)σ σ⁹C b <•bC> <⁹(Δ)•Δσσ•x ∇ Γ)σ)σLb> Δ•σσ=
Γσ)σ>, ∇ Δσ)σC> Lb]⁹UσC]•Δ> Pσ •∇Λσbσ•Δ>, σ)σ
ΛCσ• σ)σ> Pσ •∇∇σC]•Δ' Δ•∇ₑ x

5° Δ•σσΓσ)σ> ∇b b Γ)σ)σLb> ΔC•b> Δ⁹Λ bσ⁹σC]=
]•Δ> •∇σCσ⁹ ∇ Δ⁹σ)σU> Δσ)σ Lσ)σΔ⁹U• σ⁹C Λd ∇⁹Λσ
Lσ)σb> <⁹(Δ)•Δ> b P σ)σσ)σ>ₓ DL Lb σ)σ Δ•σσΓσ)σ=
•Δ> σ)σ ΔUσC•b> Δσ)σ Δ σ)σσ)σ PσLσ) Pσ Lσ)σσ)σ
σ)σΔσ•Δ>ₓ

•ΔCL9•Δ>x

6° •ΔCL9•Δ>, ∇•▷•bσL ∇ LΓSΓNρ' ◁•∇a ▷N°b• Γ=
bU•Δda<◁ PΓ P ▷Γ bρ<Ld' ▷ <^(Δ)•Δa ▷Γ b P]=
C\ x 9Γa<σC•b> ∇ aC•∇σC dρ' ΓbU•Δda< PΓ •ΔCL' 9d
]•Δ <^(Δ)•Δa b]ΓbUP •<LΓ P P^9σC\ 9 bρ<L9•9
◁°C Λd 9 LLLΓdaL9•9; Γρ•∇ PΓ <^(Δ)•Δa ΔUσC•b'•a
PΓ •ΔΓbUP, ◁°C C> C•C• b]ΓbUP ∇ •ΔΓbU\; ◁°C ≐
ρΓ, Γρ•∇ C) 9•b> b aPCLb\ ◁°C Λd b <ΛSΓCLb\ <^=
(Δ)•Δ>x aL•Δa ΔCσ•ΔΓΓbU• <^(Δ)•ΔσSγ PΓ •ΔΓbUP
ΔC•Δa Γ•aΓ' PΓ •ΔΓbUP Δσd\ b b^PσC•Δ\ x

P•∇N<ΔL9•Δ> ◁°C Δ>Γ∇<PUσCL9•Δ>x

7° P•∇N<ΔL9•Δ>, ∇•▷•bσL ΓSΔ9•Δ> b aC•∇σC•b\
∇ P PΓ•ΔΔd' ▷Γ' P2Lσ) P <^(Δ)•Δσa•Δ, ΔρΓ L b b P
ΔΓ •Δσ)C dΓ\ P <^(Δ)•Δσa•Δ PΓΔσσa•Δ\ x

8° P><-, P LρaΔL•Δa• ▷L•P•∇N<ΔL9•Δ> P2Lσ), ΔC
ΔSΔ ∇ bρ<Lb•Δ>d P <^(Δ)•Δσa•Δ ▷Γ; •∇γ, ΔC ∇ P
•∇∇σCLb•Δ>\ ΔσL bP9 LΓΔ^dU•Δa◁bΓΔdρ•Δa, P><-
aL P' Δ<Δb•Δaa• ΔσΔ b PΓΛ<σP a◁bΓΔdρ•Δa b Γσ=
b•Δ>\ P <^(Δ)•Δσa•Δ ▷Γ, ▷L ΛL Nρ•Δσ\, ◁°C Λd 9
▷N N d>\ dCP' 9 ▷NΓ<σ\ ΛL Nρ•Δσ\, bρ<L9•ΔΔ^•bρ•Δσ\
▷N x

9° ▷L b PΓΛ<σ\ a◁bΓΔdρ•Δ>, Γσ•∇. ◁°C Λd <^P P
•∇∇σΓbU• ▷ b^PCL9•Δσ\ ▷Γ 9ρ^ \ N^)^, ∇ b^PCLρa=
σ•Δ\ ▷Γ Δ>Γ∇<PUσCL9•Δa x ▷L L b aL< •∇∇σCL9•Δ>

б р <^CΔΠασ•Δ\, αL< ρ^C, ΔσαL9•Δ> б JPΔdασ•Δ\
Γα PΓ <^CΔΠασ•Δ\; Lб Λd, PΓ •∇V<σ.P ΔσΔ. б PΔ<σP
ααбΓΔdρ•Δα б LραΔбσ•Δ\ ΔσΔ <^CΔ)•Δα DΓ ΔσΔ б f
бρΔбUP •∇Λσ9,•Δσ\ x

10° ΔσL б^PΔ•Δ> PΓ <PΠσбUP Δ>Γ∇<PUσCL9•Δα f
αбCJ< γρ^ \Π^)^ Δ>Γ∇^бσ\, ρ^C P DΓ P^9σUαα• DΓ
Δ>Γ•Δα γρ^, б P ΔC/ Γσ•C ΛUα: "9•б> Lб 9 Δ<Δ=
J•Δα DΓ Δ^P\ .бC Δ<ΔбU• PΓPΔd\ "xΓσ•C LΠ<, 16, 19

11° PΓ P б^PCσ•Δ\ Δ>Γ∇<PUσCL9•Δα, αC•∇σC•б>
PΓ ΛΓ^бdασ•Δ\ α•∇σΓ9•Δ> ρ^C Λd ∇б PΓ PΓ^бσ•Δ\
PΓ <^CΔ)•Δ> x

12° б Γρ•∇ρLб\ Δ>Γ∇<PUσCL9•Δ> •∇<ΔJLб> Γρ•∇
PΔ<σ•ΔααбΓΔdρ•Δ>; <^P Δ>Γ∇<PUσLL9•Δ> <^P Λd
•∇Vσ9Lб> ΔσL PΔ<σ•ΔααбΓΔdρ•Δ> б б^PCLρασ•Δ\
<^CΔΠ•Δα DΓ, б DΓбUP Δ^Λ> б ρбΔCρασ•Δ\ x

13° Cα 9)C\ Δ•∇α PΓ б^PC/ б Γρ•∇ρLбσσP Δ>=
Γ∇<PUσCL9•Δα? ∇•Δd D> б αC•∇σCdρ/ PΓ ΠΛ)C\; PΓ
•∇Λσ9/ ρ^C PΓ dΓσ•Δ', Δσ•Δ\ Lб, PΓ Δ<ΓC/ ΔΠ/ Δ=
>ΓΓ9•Δα, ρ^C Λd P2•Δ)C9•Δαx <^P Δ>Γ∇<PUσCL9•Δα
PΓ б^PC/, αL•Δα. •∇Λσ9•Δ> ΔCσ•Δσ•Δ>, ΔC бα9 Γ)σ=
ρΔ•σσΓΠρ•Δ> αC•∇σC•б> x

14° Δ>Γ∇<PUσCL9•Δα б б^PCLρασ•Δ\ бC P <PΠσ=
9^CL•Δбσ•Δ•Δ\ б α^б•∇Δ^•бρρ\ x P JPΓdα• Γσ•C

62σ\ <Γ∇^b\ PΓ Δσ >CL\ x

∇ <U • ΔΓbU\ Lρρ•Δ> 22x

15° <σL UC•Δ- Lρρ•Δ> <ΔκΠσ•∇Lb> γρ^ ∇ ΔσC' Δ=
Γσ• <Γ∇Lσ>bρ•Δσσ•, •∇Λσ9•Δσσ• ΔΠx ∇ ρdρ^C•Δ' Δ
ΔσΠσ•<bσ <σL ∇>•bσ ∇ Pσbσ\ b •Δσ^b', P ΔU•: "ΔΠ=
σ\ ΓσLσ), <•∇σP Δ LΓ•C•Δσ•Δ•Δ 9 bρΔL•∇•b\, bC b=
ρΔbUσ•Δ; Γρ•∇ <•∇σP Δ LΓ•C•Δσ•Δ•Δ 9 LΛρdσL•∇•b\
bC LΛρdσbUσ•Δ*x Γσ•C J>, 20, 22-23x

16° γρ^ ΓΓ•C• Γ•b- b ΛLΠρ' ΔC Δ^P\ P •∇VσCL9•
LΓ•C•Δσx PΓσ^P\ ΔU9, Δ^ΛΓ\ Lρρ•Δ>, •ΔκLbσ•Δ> ∇
ΔC' b σσL^ΛσσΓ b P Γσ•ΔΓΔ': "Γ•σσC Δσ, σdρ", P
LΓ•C•Δσ P •∇VσCLb•Δ>"x Γσ•C LΠσ, 9, 2x

17° σLΠσ^P\ ΔU9, •9^PU, P^Pσ•ΔκLbσ•Δ> Γσ•C Γσ
LUσ>, ∇ <κΓC' b ΓσσρLbσσ\ <•σσΓΠρ•Δσσ•, <Δ•Δ Δ^•9•
∇ P LΓ ΔCΠρ' P ∇Γ ΔU• ∇>•b• ∇ Pσbσ\ PΓ L>>C\
Δ LΓ•C•Δσ γρ^ ΔρΠσ\, PΓ P ΔΓ •∇VσCLd'xP ΠVσΓ9Γσ
b <Λ^<> ΓΓρ•ΔσΠd\ ΛΓ Δ •Δ^bΔb.σΓσ\ ρJ> b <Πσ•Δ=
σΓ, P Δ•U•: "ΓΓ' LΓ•C•Δσ •∇VσCL•Δbσ•Δ•; •∇σ Γ^CΔ
P σPΔ•∇•*x ∇ •9^P^C•Δ' Lb P ΔU•: "P LΓ•C•Δσ P
•∇VσCLb•Δ>; P>U b>ΓσCJ•Δσ\ xΓσ•C σ\, 7, 47-50x

18° <σL σΓ Lρρ•Δ> •ΔκΠσ•∇Lb> Cσ^ΛΓ <Λ>^ ∇ >=
Γ9LbP Γσ•∇Λσ9•Δ> σ^C LΓ•∇Λσ9•Δ>x Δσ b Γσ•∇Λσ9'
Δ bσ•∇Δ>σL ρb Δ•CΔLd Δ^ΛΓ\ Pσd\ Δσ, LΓLσ) Lb •Δσ

∇ ∂∫∫' ∇ •∆•∇σC\ x •9^PU Lb ΔU9, •∆<Lbσ•∆' b Lf
•∇Λσ9' ∇ Δ∫ (C∩d' LfΔ^dU\ Δ∫ LfLσ) •∆ ∂ b_a •∇∆' =
∂σL Lb ∇ a_b∩d', ∇ ∂∫∫L∫∫σ∫ b^9σC∫•Δσσ•x

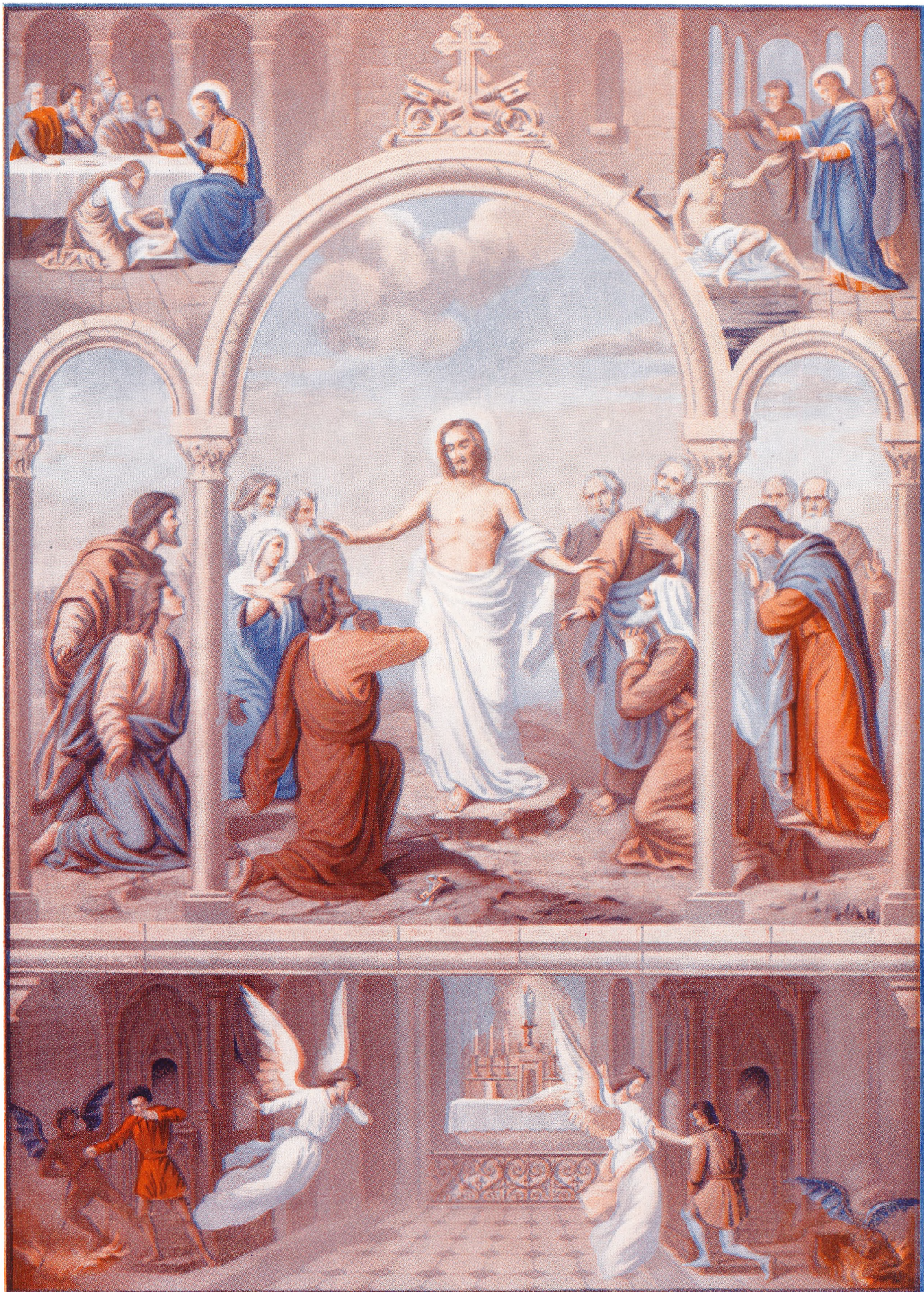
∆∫Γ∇∫Γσ9•Δ' x

1° ∆∫Γ∇∫Γσ9•Δ' P ∂∫C<' 7^∞ \∩^∞^ P∫ ∆Ld•Δ
∞^C •Δ∫•Δ •Δ∫Δdσ∫ ∆σΔ b ∆d∫σ∫x

2° ∂L ∆∫Γ∇Lσ∫b∫•Δ' •∇∫ Δ∫σbU\ ∆∫Γ∇∫Γσ9•Δ',
∇•∂•bσE, \∩^∞•∆σσ•∆\ ∇ ∫Γσ∫\ ∆∫Γ∇Λ∫σ• ∂∫x dC∫∫
∆∫Γ∇Lσ∫b∫•Δ_a ∆C b Δ∫ ∆C<\ ∆∫Γ∇Λ∫ ∇∂•bσΔ, ∫b∆C =
7•Δ', ∫PU∇^b9•Δ' ∞^C 7bU•Δd_a<Δ•∇•Δ' x

3° 9∫a<σC•b' ∇ P ∂∫C' 7^∞ ∆σ7σ• ∆∫Γ∇Lσ∫b∫ =
•Δσσ•, P^9σ∫bU• ∇ ∆σ∫∫bU\ Lσ∫•ΔL∫aΔbσ\ : “∆•∇_a ∇
∆C∫<\ a ∆d∫•? ∇d∫ bC a)7• 7bU•Δd_a<σ∫, bC •Δ ∆=
∫Γ∇^CL•∇•∆\ Lb, Λ∫σ• ∇ ∫∫a∫\ ∂' Δ∫σb∫•Δσ\ ∂ ∩=
∇σ∫9•; C•∇<σC∫•Δσ a)CL9•Δσσ• Lb bC ΛL∫Δd ∆_a b
∆d∫', ∂ ∩∇σ∫9• Lb bC •∆σ^b∞•; P^Λ> Lb P L∫∫C∫ =
•9, bC •∇∇σC∫•∆bσ•∆'” x ∇∫Γ∇b_a•∆Λ∫\ ∇ L•∆∫Δ)∫\
∫U>' ∆C•Δσ>, ∇ •Δ7•Δd∫\ b L•∆∫ ∆∫Γ∇b_a•∆Λσ∫, P
LL•Δ∆σ∫C•L\ ∇ Δ•U∫\ : “P^Λ> ∆•∇_a ∇•UU ∆∫Γ∇∫Γ =
∫9•Δ' ∇b ∇ C•∇ ∆∫Γ∇Lσ∫b∫•Δσ•∆\ b P ∂∫C' P ∩∇ =
σ∫9Γ_a• 7^∞ \∩^∞^, ∇d∫ bC LbPLbσ•∆'” x

4° b ∆∫Γ∇b_a•∆Λ∫\ ∞^C 7bU•Δd_a<•∆\ Λd b^PσC•∆\



$\Delta C P C \rho \cdot \Delta \triangleright 3, \Delta \wedge \Gamma \setminus x$ $d C P \triangleleft \triangleright \sigma \cdot \Delta \cdot C \Delta b q \cdot \forall \setminus \triangleright \Gamma \Gamma P =$
 $\Gamma P S d \setminus \Delta S, d C P \sigma \cdot L b \triangleright \Gamma \Gamma \setminus C d a \epsilon \cap \triangleleft \Delta L d \rho \cdot \Delta \triangleleft \wedge \cap \sigma \sigma \cdot x$

$\Gamma b U \cdot \Delta d a \triangleleft \Delta \cdot \nabla \cdot \Delta \triangleright x$

1° $\Gamma b U \cdot \Delta d a \triangleleft \Delta \cdot \nabla \cdot \Delta \triangleright, \nabla \cdot \triangleleft \cdot b \sigma L \triangleleft \triangleright \Gamma \nabla L \sigma \triangleright b \rho \cdot \Delta \triangleright b \triangleright \Gamma$
 $\Gamma \sigma \setminus \triangleleft \cdot \nabla a b \cdot P \triangleright \cdot \Delta \sigma \sigma \cdot P \Gamma \triangleleft a \Gamma \rho \setminus q \setminus, P \Gamma b \rho \triangleleft L q \setminus \triangleleft \wedge (\Delta) =$
 $\cdot \Delta a, P \Gamma \triangleleft \triangleright \nabla P \wedge P \cdot \triangleleft L q \setminus, P \Gamma \Gamma \sigma \cdot \nabla \setminus \triangleleft \triangleright \Gamma \nabla L \sigma \triangleright b \rho \cdot \Delta a, \sigma \wedge C$
 $\Delta \sigma \sigma \cdot \triangleleft P \Gamma \Delta \triangleright C \triangleleft \setminus P \Gamma P S d \setminus, b \triangleright \Gamma \Gamma \sigma \setminus L b L \sigma \triangleright \cdot \Delta \setminus \cdot \nabla \sigma =$
 $\Gamma q \cdot \Delta \sigma \sigma \cdot P \Gamma \triangleright \Gamma a \nabla \cap \wedge \triangleright C \setminus \triangleleft \sigma \Delta q \cdot b a x$

2° $\triangleleft \sigma \Delta b \sigma b \sigma C \cdot b \sigma \sigma P \cdot \Gamma b U \cdot \Delta d a \triangleleft \triangleright \setminus \triangleleft \triangleleft \cap \rho \cdot \Delta a, \nabla \cdot \triangleleft =$
 $b \sigma \Delta; P \Gamma \triangleleft a \Gamma \rho \setminus q \setminus, P \Gamma \Gamma \sigma \cdot \nabla \setminus \triangleleft \triangleright \Gamma \nabla L \sigma \triangleright d \rho \cdot \Delta a, P \Gamma \triangleleft \triangleright \nabla =$
 $P \wedge P \cdot \triangleleft L q \setminus x$

3° $\triangleleft \sigma L b \cdot P \triangleright \cdot \Delta \triangleright P \Gamma \cap \wedge \triangleright C \setminus \triangleleft \sigma \Delta \triangleleft \triangleleft \cap \rho \cdot \Delta a \Gamma b U \cdot \Delta d =$
 $a \triangleleft, \triangleright \Gamma \triangleleft \sigma \cdot P \cap \forall \sigma \Gamma q \Gamma a \setminus \Gamma \rho \wedge \setminus \cap \sigma \triangleright \triangleright \Gamma, b P \Gamma a \setminus \triangleright \setminus \Delta =$
 $S \cap \setminus \cdot \triangleleft b \sigma L, \nabla \triangleleft \rho \Gamma a \setminus b \cdot P \triangleright \cdot \Delta \sigma \sigma \cdot P \Gamma \triangleleft \sigma \wedge q \Gamma a \sigma \Gamma d C P \triangleright x$

4° $P \Gamma \Gamma b U \cdot \Delta d a \triangleleft \cdot \Delta \setminus \triangleleft \cdot \nabla a, \Delta U \sigma C d \rho \cdot P \Gamma a \triangleright \Gamma d \setminus b \cap =$
 $\forall \sigma C \Gamma \sigma \Gamma \cdot \Gamma \cdot C b \triangleright \sigma \setminus \triangleleft \triangleright \Gamma \nabla \wedge b \sigma \setminus, P \triangleright L \sigma \triangleright \cdot \triangleleft \triangleright \setminus \Delta S \sigma b \rho \cdot \Delta \sigma =$
 $\sigma \setminus, \nabla b L b d C P \lceil \wedge U \triangleleft \sigma C \rceil \cdot \Delta \triangleright P \Gamma \triangleleft \triangleright, \wedge d \triangleright P \wedge U \sigma C d \rho =$
 $\cdot \Delta \sigma \sigma \cdot P \triangleright L \sigma \triangleright \cdot \triangleleft, \sigma \wedge C \triangleright \wedge L \Gamma \Delta d \rho \cdot \Delta \sigma \sigma \cdot \triangleleft b \cdot b \sigma \wedge C P \Gamma =$
 $\sigma \cdot \triangleleft \cap \rho \setminus x$

5° $\triangleright \sigma P \Delta d L \cdot \triangleleft \setminus \Delta C \rho \cdot \triangleleft C b \sigma \cdot \Delta \cdot \triangleleft \setminus \nabla b P \Gamma \triangleright \Gamma \triangleleft \Gamma \setminus \triangleright \setminus \triangleleft =$
 $\cdot \triangleleft S \Gamma S \cdot \triangleleft \cdot \triangleleft P \Gamma \triangleright \cap a \Gamma \sigma \Gamma \Gamma b U \cdot \Delta d a \triangleleft \Delta \cdot \nabla \cdot \Delta \sigma \sigma \cdot; \nabla b \sigma \wedge C \triangleleft =$
 $\triangleright \wedge b \epsilon P \Gamma d \Gamma \triangleleft \Gamma \setminus P \Gamma \triangleright \cap a \Gamma \sigma \Gamma x a C \cdot \nabla \sigma C \cdot b \triangleright \triangleleft \cdot \triangleleft S \setminus \Gamma \triangleright \sigma$



$L\sigma) \cdot \Delta L'_{\alpha} \Delta b\sigma\sigma \cdot x \quad \nabla (d_{\alpha} \setminus \Delta_{\alpha} \Gamma'_{\alpha} \Delta L'_{\alpha} \Delta b\sigma\sigma, \langle P \cap_{\alpha} L =$
 $\cdot \nabla \cdot P \Gamma \text{ } \Gamma_{\alpha} \Gamma_{\sigma} \Gamma, \Gamma \cdot b = \nabla \Delta \langle \Gamma \langle \Gamma \Delta \sigma \Delta \Delta \cdot U \cdot \Delta_{\alpha} b \triangleright \Gamma \Gamma_{\alpha}'$
 $b \cdot P \triangleright \cdot \Delta \sigma \sigma \cdot P \Gamma \Delta \triangleright \Gamma \langle \cdot \Delta \sigma \Gamma \text{ } P \triangleright L \sigma) \cdot \Delta \triangleright \Gamma \Delta \triangleright \Gamma \cdot \Delta \sigma \sigma \cdot x$

14° $\Delta \sigma \Delta \sigma \Delta L'_{\alpha} \Delta_{\alpha}, \Delta \cdot \wedge \Gamma \setminus, P \Gamma \sigma \cdot P \setminus \Delta U \alpha, L'_{\alpha} \Delta_{\alpha} b \Leftarrow$
 $\triangleright \Gamma \nabla b_{\alpha} \cdot \Delta \wedge \Gamma, \nabla \Gamma_{\alpha}' \cdot \Delta \triangleright_{\alpha} \cdot \Delta \cap \sigma \cdot \Delta \sigma \Gamma \text{ } L \Gamma L \sigma) \cdot \Delta, \triangleright b \cdot P \triangleright \cdot \Delta =$
 $\sigma \sigma \cdot x \langle P \cap_{\alpha} L \cdot \nabla \cdot \Delta \triangleright \Gamma \nabla L'_{\alpha} \Delta b\sigma\sigma \cdot b \Delta \langle \langle \sigma \sigma \setminus P \Gamma \cdot \Delta_{\alpha} \cdot \Delta =$
 $\cap \sigma \triangleright \Gamma \Gamma \text{ } L \Gamma L \sigma) \cdot \Delta, \Gamma \cdot b = \nabla \langle \triangleright \cdot \nabla \Gamma \Delta \Delta \cdot U \cdot \Delta_{\alpha} b \triangleright \Gamma \Gamma_{\alpha}'$
 $\Delta \sigma \Delta \Delta \cdot \nabla \sigma \cdot \Delta b \cdot P \triangleright \cdot \Delta \sigma \sigma \cdot P \Gamma \langle \cdot \triangleright \Gamma \sigma \cdot \Delta \sigma \Gamma \Delta \sigma \Delta b \wedge \Gamma \cdot =$
 $b \Delta \sigma \Gamma \text{ } L \Gamma L \sigma) \cdot \Delta x$

15° $\Delta \sigma L \text{ } d \langle \setminus L'_{\alpha} \Delta_{\alpha}, \nabla \triangleright \Gamma \nabla b_{\alpha} \cdot \Delta \wedge \Gamma \langle P \cap_{\alpha} L \cdot \nabla \cdot \nabla \triangleright \Gamma =$
 $\nabla \cdot \Delta \Gamma \cdot \Delta \cdot \nabla \sigma \Gamma, \triangleright b \cdot P \triangleright \cdot \Delta \sigma \sigma \cdot x \triangleright \Gamma \Delta \langle \cap \Gamma \cdot \Delta \triangleright, \nabla \cdot \Delta \cdot b \sigma L \text{ } P \Gamma$
 $\Delta) \cdot b \cdot \Delta \Gamma \text{ } \Gamma b U \cdot \Delta d_{\alpha} \Delta \cdot \Delta \Delta_{\alpha} \Gamma'_{\alpha} \Delta_{\alpha} \cap d \setminus x \text{ } P \Gamma \Gamma_{\alpha}' \Delta \sigma \Gamma \sigma \cdot b \neq$
 $P \triangleright \cdot \Delta \sigma \sigma \cdot, \Gamma_{\alpha} \Gamma \nabla \cdot \wedge \langle L \cdot \Delta \cdot U_{\alpha} L b_{\alpha} \cap d \sigma \cdot \sigma \cdot \langle \nabla \text{ } \Gamma \cdot P U \sigma \setminus$
 $\cdot \Delta \cdot U_{\alpha} L b \sigma \sigma \cdot \Delta \triangleright \langle \nabla \Delta d \sigma \setminus x \text{ } \Gamma_{\alpha} L b, \langle P \cap_{\alpha} L \cdot \nabla \cdot \nabla \wedge \sigma \sigma =$
 $\cdot b \sigma \Gamma \Delta \triangleright \Gamma \nabla \Delta \Gamma \cdot \Delta \Gamma b \sigma \sigma \sigma, \sigma \cdot \langle \Gamma \sigma \cdot b \cdot P \triangleright \cdot \Delta \sigma \sigma \cdot P \Gamma \Gamma \cdot b =$
 $\Delta \Gamma \sigma \Gamma \cdot \Delta \cdot U_{\alpha} L b_{\alpha} \Delta \triangleright \Gamma \nabla \cdot \Delta b \Gamma d \setminus, \sigma \cdot \langle P \Gamma \Delta \cdot \nabla \Delta \cdot \langle \sigma \Gamma \sigma \Gamma \sigma \Gamma_{\alpha} =$
 $\triangleright \sigma \cdot \sigma \cdot \langle \sigma \wedge \sigma \cdot, \Gamma \cdot b = \nabla \Delta_{\alpha} \Gamma'_{\alpha} b \sigma \cdot \Delta \setminus x$

16° $\Delta L \cap \sigma \setminus \Delta U \alpha, \sigma \Gamma \Delta \sigma L L'_{\alpha} \Delta_{\alpha}, b \Delta \triangleright \Gamma \nabla b_{\alpha} \cdot \Delta \wedge \Gamma \Leftarrow =$
 $P \cap_{\alpha} L \cdot \nabla \cdot \nabla \triangleright \Gamma \nabla \cdot \Delta \Gamma \Delta \cdot \nabla \sigma \Gamma \triangleright b \cdot P \triangleright \cdot \Delta \sigma \sigma \cdot x \triangleright \Gamma \Delta \langle \cap \Gamma \cdot \Delta \triangleright$
 $\nabla \cdot \Delta d \text{ } P \Gamma \cdot \Delta \Gamma \Delta \Gamma \Delta \sigma \Delta \text{ } \alpha \Gamma \Delta \triangleright \Gamma \nabla \cdot \Delta \Gamma \Delta \cdot \nabla \sigma \Gamma \Delta_{\alpha} \Gamma'_{\alpha} \Delta_{\alpha} \cap d \setminus,$
 $\sigma \cdot \langle P \Gamma \sigma b \setminus \langle \Gamma \text{ } L \sigma) \cdot \Delta L'_{\alpha} \Delta b\sigma\sigma \cdot x \text{ } \Gamma_{\alpha} \Gamma \nabla \cdot \Delta \triangleright \Gamma \nabla \Gamma \sigma \cdot b b =$
 $\sigma \sigma \cdot, \Delta \triangleright \Gamma \nabla \triangleright_{\alpha} b \sigma \sigma \cdot \sigma \cdot \langle \Delta_{\alpha} \Gamma'_{\alpha} \Delta L'_{\alpha} \Delta b\sigma\sigma \cdot x \text{ } \Gamma \sigma \cdot L b$
 $b \cdot P \triangleright \cdot \Delta \sigma \sigma \cdot P \Gamma L \cdot U \Delta \triangleright \Gamma \langle \sigma \Gamma \triangleright \Gamma \sigma \cdot, \wedge \Gamma \Delta \triangleright \Gamma \nabla \cdot \Delta b \Gamma d \setminus x \Delta_{\alpha}$

∇>Γ∇•ΔΓΔ•∇' αC•∇σCδρ• ρΓ ρΓΔ•U' ρΓ Δ•∞CLρ' Γ=
ρ•∇ ΛΓ•bΠρ•Δ <^(Δ)•Δα, •Δ•Δ= Δ>Γ∇•Δρ)•Δ', ∞^C ρΓ
Δ>ΓC' C•C• ∇ ρΓbσ', Δ>Γρ'9•Δ LραΔbσσ•x

17° •9°PU ΔU9 Lραρ•Δ', b Δ>Γ∇bα•ΔΛ' <ρΠαL•∇•
9Γ Δ>Γ∇•ΔΓΔ•∇σΓ ▷ b•^ρ▷•Δσσ•x ▷' Δ<Πρ•Δ', ∇•Δ•b=
σL ρΓ •ΔΓΔ' 7bU•Δδα<•Δ ∇ Δα7ρ9σΓ, ρΓ σbJΓ' Γα=
•ΔΓJ•Δσσ•, ρΓ Δ>Γ∇ Π<ΓJ' ∞^C ρΓ ρbΔC9'x ∇ C•2=
ΓΓσ^C•Δ' ΔσΔ b <ρΠαL•Δ' ▷7σ• b•^ρ▷•Δσσ•, Δ•U•:
“▷Π' ΓαLσ) ρΓ ρ ▷Γ Δ>Δ' L•b•Δρ•Δ' ρΓ α^δ^C•Δ'
LΓLσ) ∞^C.▷ b•9ΓΔ•∇•Δα”x

18° C°C•Δ- ΔσΔ σρ, LΓ- Lραρ•Δα, •Δ<Lbσ•Δ' b
Δ>Γ∇bα•ΔΛ' ∇ <ρΠαL•Δ' Δ•∇σ•Δ 7bU•Δδα<Δ•∇•Δσσ•
∇δC ▷Γ Δσρ Δ•∇σbα' Γαbσ•Δ•Δ' b•^ρ▷•Δσσ• ρΓ Δα=
7ρ9Γ', ρΓ Δ>Γ∇Π<ΓJΓ' ∞^C ρΓ Γσ•∇Γ' Δ>Γ∇Lσ) bρ•Δ=
αx ∇ C•2ρΓΓσ^C•Δ' Γρ•∇ b •Δ 7bU•Δδα<•ΔΔ' Γρ•∇
∞^C 7bU•Δδα<•Δ' Δ>C b ΔCΓ' ∇>•b' ΔσL ∇)Cρ', b
Δ>Γ∇bα•ΔΛ')Γ∞• Γρ•∇ ∇∇>' ▷ΓΓσ', ∇ Δ<ΓC' Δ>Γ∇=
ΛΓσ•, ∞^C 5ΓαΓ∇• Δ>Γ∇Γσ•bbσσ•, ∇ ΛΓΠσσ' ρΓα>σ•,
∞^C Δ>Γ∇ ▷αbσσ• ∇ Δρ•ΔρσΓ Δ>Γ∇Δαδα•Δx 7•b- Lb
ΔσL, Δ•U•: “▷Πα b•^ρ▷•Δ' ρΓ <ρΠαL•Δ' ρ2Lσ) 55ρ=
•ΔΓ9•Δ' ∞^C ρΓ Δα7ρ9^CL•ΔΓ' ∇LΠρΓ' ∞^C ∞ΛΓ'”x

⟨∇Γ∇•ΔP⟩•Δ, x

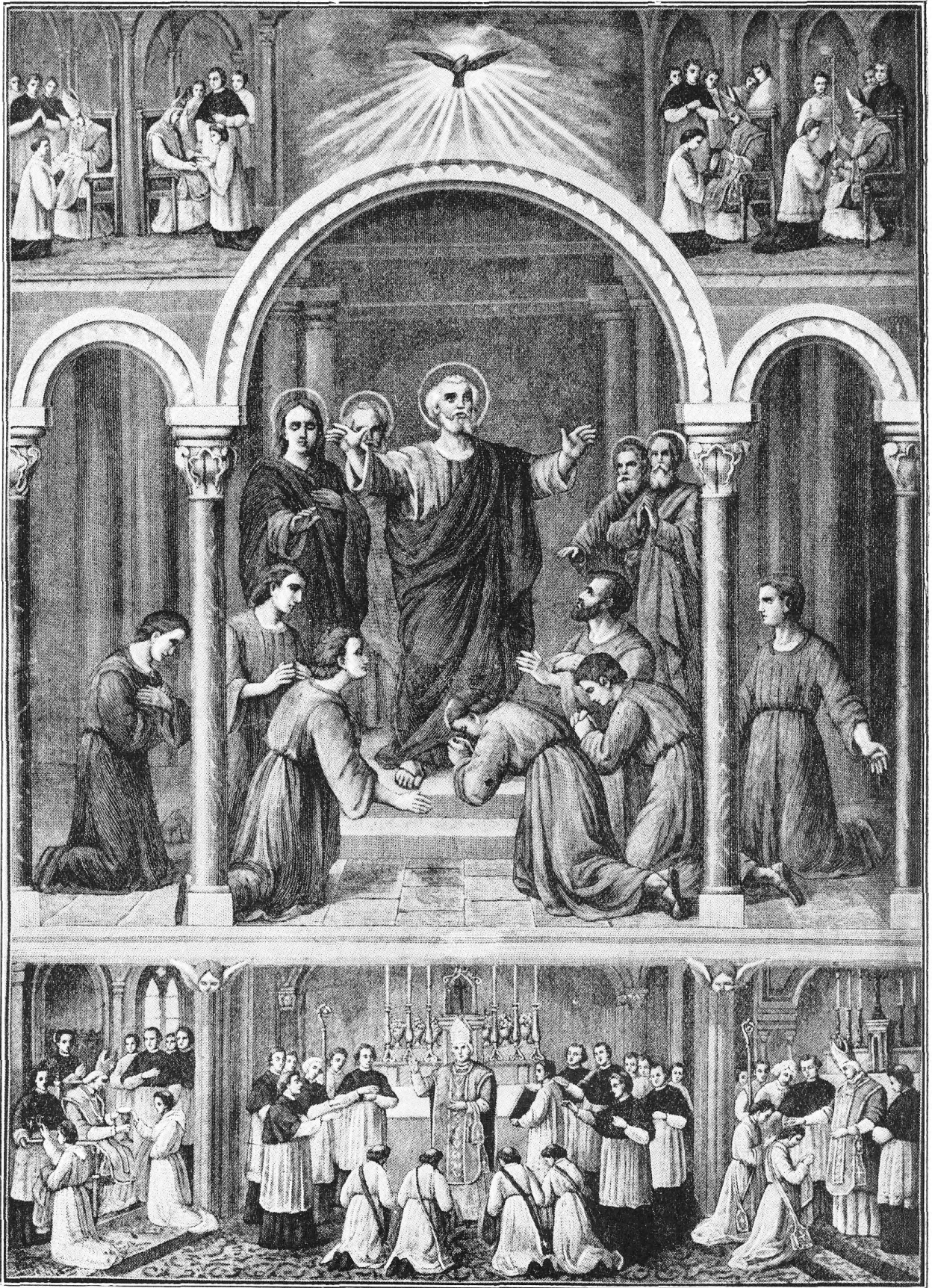
1° ∇L ⟨∇Γ∇Lσ⟩bρ•Δ, Γσ•C•Δ(Lb, ∇∇•∇•Δ ⟨∇Γ∇
•ΔP⟩•Δ ∇∇Γ)•Δ, ∇ ΓσdΓ∇ ⟨σP b U<9σCδρ•Δ ∇∇σP∇
∇•∇σP9•Δσσ• PΓ ∇PΔ)Γ∇ ∇•C Γ)σ PΓ •b∇•P∇•∇∇ρ•Δ
•ΔΓ•Δ)Γ∇, PΓ •Δ•ΔPΔ)Γ∇ C•C• ∇ P∇bσ∇x Γσd•Δ∇ ∇•C
∇•∇σP9•Δσσ• PΓ ∇σσΓ)Γ∇ ∇ •ΔσΔΔ∇Γ∇, ∇•C PΓ ⟨∇Γ∇
∇∇PΔΓ∇ ∇ ∇•Δ∇Γ∇•Δ•Δx

2° P∇Lσ) •Δ∇ ∇∇∇•∇ P ∇∇C• ⟨∇Γ∇•ΔP⟩•Δσσ•, Δ∇∇
b ∇∇Δ∇ σ∇C• P σPΔδ∇•Δx Γ∇∇ Lb P Δ∇<P∇C•, ∇ Δ∇∇=
UσCδC∇ PΓ ⟨∇Γ∇Lσ⟩bρ•Δσ•Δσσ∇x

3° ∇L•Δ∇ P <∇9•ΔΔ)•Δ∇ b •ΔP)Γ∇, <∇L ∇δ∇∇∇∇ ∇
>σ∇L∇∇∇∇; ∇∇ P Δ•U<∇ Γ∇∇: "ΔσΔ b •ΔP)Δ∇ P∇Lσ),
∇b•Δ∇ Δσσ• bC <bσ∇•"x Γσ•C L∇∇, 19, 6x

4° σ•∇∇∇ ∇∇Γ∇•ΔP)•Δ ∇∇Δδ•Δ∇: 1° b ∇∇ ∇<C•Δ
∇∇Γ∇•ΔP)∇σ•Δ∇ b Δ∇σbUP, b ∇∇9LbP ∇∇∇ ∇b C•∇ PΓ
•ΔP)∇σ•Δ∇x 2° δCP∇, ∇∇Δ•∇•Δ ∇∇Δδ•Δ∇ b Δ∇σbUP, b
∇∇9LbP PΓ Δ•∇∇bU∇ ∇∇∇•∇•Δ∇, ΔC C•∇ ∇ •ΔP)∇σ•Δ∇

5° ΔσΔ b ∇∇∇•ΔP ∇∇Δδ•Δ∇ b ∇∇ ∇<C•Δ ∇∇Γ∇•ΔP=
∇∇σ•Δ∇ ∇•Δδ: 1° ∇∇∇•∇ ∇∇∇∇σ)•Δ∇x 2° •ΔP)•Δ •Δ=
δ)•Δ∇, 3° PΓ L∇)C∇)•Δ∇: Δ∇∇σb∇∇ b σ<Δ•∇∇∇ ∇•C
∇δ b ∇∇•b∇∇∇∇, ∇ ΔUσCP∇ PΓ P ∇∇ ∇∇Γ∇ •ΔP)Γ∇, ∇L
∇∇ ∇)C∇•Δ∇ ∇b PΓ P ∇∇Γ∇•ΔP)Γ∇x 4° <∇)∇ b Δ∇ Δ=
∇∇Δ∇∇: b ∇bΔC∇∇ Δ∇∇σb∇ ∇L•Δ∇ bC P ∇∇Γ∇•ΔP)∇•Δ=
σΔ ∇b b ∇bΔC∇∇∇x 5° P∇= •ΔP)•Δ∇: ∇C•∇σC•b∇ PΓ



6) $\sigma \setminus \Delta \Gamma \nabla \cdot \Delta \sigma \sigma \setminus \nabla P \wedge P \Delta \Delta L \Gamma \setminus x$ 3° Δa $b \setminus \nabla \Delta \Gamma \Delta \setminus P \Gamma$
 $b \cdot 9$ $q \wedge P \wedge L \cap \Gamma \Delta \setminus \Delta \sigma \Delta b \cdot \Delta \Gamma \cdot \Delta \setminus, \Delta d - L b \nabla b \cdot 9 C \cdot \nabla \sigma C \Gamma \Delta =$
 $\Gamma \Delta \setminus$

8° $P \Gamma$ $q \Gamma a \Delta a \sigma \cdot \Delta \setminus \forall b \nabla C \cdot b \setminus \Delta \Gamma \Delta d \cdot \Delta \setminus, \nabla \cdot \Delta \Delta \Delta \Gamma \nabla =$
 $\cdot \Delta P \Delta a \sigma \cdot \Delta \setminus, \Delta \Delta \Gamma \nabla \wedge b \setminus \Delta C \sigma \cdot \nabla \cdot \wedge C L P \Gamma \cdot \Delta \Gamma b U \setminus \cdot \Delta P \Delta \cdot \Delta \setminus$
 $\wedge \Gamma \Delta \Delta \Gamma \nabla \cdot \Delta b \Gamma d \setminus x \cdot \Delta a b \sigma \cdot \Delta \cdot \Delta \setminus \Delta \sigma P b \cdot \Delta \Delta \Delta \Gamma \nabla \cdot \Delta P \Delta \Gamma \setminus,$
 $\sigma \wedge C b \cdot 9 \Gamma \Gamma \Delta a \sigma \cdot \Delta \setminus P \wedge \wedge \setminus \nabla C \cdot 9 \Delta \cdot \nabla a b P \wedge 9 \sigma C \setminus \Delta \Gamma \Delta d =$
 $\cdot \Delta \sigma \sigma \cdot x L d \Gamma b \sigma \cdot C \cdot \nabla \Delta \Delta \Gamma \nabla P \Gamma b \setminus \Delta C a \setminus \cdot \Delta \Delta \Gamma \Delta \cdot \Delta P \Delta a \sigma =$
 $\cdot \Delta \setminus, \Delta \Delta \Gamma b U \cdot$

9° $\forall \Delta \setminus P \Gamma$ $q \cdot b \setminus \Delta \Gamma, b \cdot \Delta P \Delta \Gamma \setminus \Delta b U a L d \cdot \Delta \setminus b \Delta \Delta \Gamma =$
 $\nabla b a \cdot \Delta \wedge \sigma \Gamma \sigma \wedge C \cdot \wedge d b L \cdot \Delta \Gamma \Delta \Delta \Gamma \nabla b a \cdot \Delta \wedge \sigma \Gamma, \Delta \Delta \Gamma \Delta \Gamma \Delta d \cdot \Delta a$
 $P \Gamma \Delta b U \sigma b U P \Gamma \Gamma \cdot \nabla \Delta \cdot \Delta \Delta \Gamma \Delta d \cdot \Delta a, \Gamma \cdot a \Delta \setminus P \Gamma b \cdot 9 \Gamma \Gamma \Gamma \Gamma =$
 $b U \cdot \Delta d a \Delta \setminus \Delta \Delta \Gamma \Delta \cdot \Delta P \Delta a \sigma \cdot \Delta \setminus x$

10° $P \Gamma P \Delta \Gamma U \Delta 9 \sigma C d \Gamma \cdot \Delta \Delta \Delta \Delta \sigma b U \setminus \Delta L \Delta \Delta \Gamma \nabla L \sigma \Delta b \Gamma \cdot \Delta \setminus,$
 $\Delta \sigma P b \cdot \Delta \cdot \Delta \Gamma \cdot \Delta \Delta \Gamma \setminus b C \Delta U \sigma C \cdot L \setminus P \Gamma \Delta \Delta \Gamma \nabla \cdot \Delta P \Delta \Gamma \setminus P \Delta =$
 $L \sigma \Delta \Gamma, \sigma \wedge C b C \cdot \Delta \cdot \nabla \sigma \Delta \Delta \Gamma \cdot \Delta \setminus \nabla \Delta \Delta \Gamma \Gamma \Gamma \Gamma \setminus \sigma \wedge C \nabla \Gamma \Delta =$
 $\cdot \nabla \wedge \sigma \Gamma \Gamma \setminus; \sigma \wedge C b C \Gamma \Delta d \Gamma \sigma \cdot \Delta \Delta a \setminus x \nabla \cdot \Delta P \Delta \Gamma \Delta \cdot \nabla a, \nabla P =$
 $P \wedge b \setminus P \Gamma \Delta \Delta \Gamma \Delta \cdot \Delta \sigma \sigma \cdot, \sigma \Delta \cdot \Delta a \Gamma C \cdot \Delta \Delta \Gamma \nabla \cdot \Delta P \Delta \cdot \Delta \sigma \sigma \cdot x \nabla \cdot \Delta d$
 $\Delta \Gamma \cdot b \Delta \Delta \cdot \Delta P \Delta \Gamma \setminus \Gamma \Gamma \cdot C \cdot L L P \Gamma d \cdot \Delta \setminus P \Delta L \sigma \Delta \cdot \Delta x$

11° $\Delta \sigma L b \sigma b \sigma \sigma C \cdot b \setminus \Delta \Delta \Gamma \nabla \cdot \Delta P \Delta \cdot \Delta \sigma \setminus, \nabla \cdot \Delta d \Delta \wedge P \Delta \cdot \Delta \Gamma =$
 $\cdot \Delta \setminus, \Delta \cdot \Delta \Delta \Gamma \Delta P \Gamma \sigma C \cdot \Delta P \Delta \Gamma \setminus \Delta \Delta, b \cdot \Delta P \Delta \Gamma \setminus \sigma \wedge C P \Gamma \setminus \Delta \wedge \Delta =$
 $\cdot \Delta \Delta \wedge P \Delta \Gamma \setminus x \Delta \sigma L \sigma \cdot C \setminus \Delta \Delta \Gamma \nabla \cdot \Delta P \Delta \cdot \Delta \setminus, \Delta C \setminus \sigma \wedge C \nabla \Delta,$
 $\Gamma \cdot a P C \setminus P \Delta L \sigma \Delta \cdot \Delta a \Delta \wedge a \cdot \nabla, \nabla \Delta \Delta \Gamma C \setminus \Delta \Delta \Delta \Delta \Gamma \cdot \Delta a: \Delta a P -$



5° ∇ σ^uΠP <σΔ b <σJΓd' P2Lσ) Λd, <σL σ^uC° P' Δ= C°<σΠdaa° P' P2Lσ)•∇σL\; <σL σ^u, P' P^uUσC•L\ B' Δσbσ^u•Δ, σ^uC <σL σ^u), P' <σJΓ∇ ba•∇σC•L\ <σL ∇ Pσb\ b P' <ba^uCσ•Δ\ P' P^uUσL\ x

6° <σΔ dCP> b Δ^ud<σP σ•σ^u Δ^uσ^u•∇•Δ^u, Γ^u•∇ ∇ <σJΓd' P' Δσσ^u•, V>\, <σL σ^u), P aC•∇σΓdaa° P' P^u= UσLd\ P σPΔda•Δ\ x <σΔ Lb σd•C^u dCP> P' ΔσΔda= a° P' •<σ)C•Δ\ P' Δσσ^u•, •Δ^u ΠΛ^u•∇, ∇ •Δ>•Δ' σ^uC Λd Δ ΠΛ^u•∇•Δ^u•Δ> σ^uC Λd Δ P^uUσC dσ^u•Δ> x

7° L•ΔΓ σ^uC° b <σP•Δ\ ΔΓ, ΓCC' Δ^uσ^u•∇•Δ^u P L= P^uΔ^ubU•Δ ΔUΔ•Δ•Δ\ Δσσ•Δ\ x P2Lσ) Γ^u P <σΠ^uL9° Δ>= C P^uΔ •ΔΓ\, •∇> Δ b9<σP•Δσ•Δ• σ^uC Δ LΓJ^uUσCJ= •Δσ•Δ• ΔΓ Δσσ•Δ\, <σΔ 9b' Γ)σ P bP<σ•Δ Δσσ•Δ Γ= ΔσσΓbσ\ ΔΓ x

8° <σΔ ΓC' Δ^uσ^u•∇•Δ^u ∇•bσ V>•b> ∇^uΛΓ L•bΛΠd>\ CΛ^ud= b P ΔCΓ\ Δ^uσ^u•∇•Δσσ•Δ\ x •∇> Γ^u ΠΛ^u•∇ Δ•U•: "P^uσ^uΛ> •Δ Λ)9•Δσ ΛLΠP•Δσ\, ba•∇σC Δ^uσ^u•∇•Δ^u" x Γ= Δ•C LΠ<, 19, 17 x

9° Γ^u, CΛ Δ•U• ΔL V>•b> Δ^uσ^u•∇•Δ> ΔL a^uΛC•∇ Δ= Cσbσ\ x "σ^uC LΠb, V>\ Δ^uσ^u•∇•Δσσ• P <σd, ∇ b•9ΓΔ' σ^uC ∇ Δ•U': "9^uPΔL9>, 9•b> 9 ΔC L> P' P <σ>> b= P9 ΛLΠP•Δ>?" Lb P ΔU•: "9•b> ΓP^uΔbU\ Δ^uσ^u•∇•Δσ\? CσJ <σJΓC>>?" ∇ a^u•9•ΔσΔ', P Δ•U•: "P b σPΔ• ΔΠ=

Vσf90, P P2Lσ)C, ΓP0V P UΔ\ Δf, σ^C ΓP0V P' ΔLδ\
 Δf, σ^C ΓP0V P L^b0ΔP0Δσ\ Δf, σ^C ΓP0V P Γ)σσf b=
 σ\ Δf, σ^C PfΔσσ0 C^d- ∇f HPAΔNδ\ "x P ΔU0 Lb:
 "0b>^ \ P P 2^090ΔfΔ0Δ\ x ΔL)C, P b ALNδ\ Lb" xLb
 0Δ0, ∇ 0Δ 0b>^ P UσCδΔNδ', P ΔU0 γP: "Δ0∇0 Lb Δ0Δ
 σfΔσσ?" γP^, ∇ 2^090ΔfΔ', P Δ0U0: "V>\ Δσσ0 P Δ=
)U0 γNδ\, ∇ Δ)U' γNδΔ\, σ^C P ΔNσδ P]N^0 b b
 L^bΓδ' Δ 0Δ0f b0 σ^C b Γ0bσbNδ' x ∇δ 9)Uσf, ∇ 0b=
 Nδ', ΔAC0 ∇ σ^' x Γ^b0 Lb, V>\ HHP0Δf90Δσσ0 Δ)C P
 AJU0; Δ^A Lb 0ΔΔKL', P L>^b0∇0x C^d- σ^C, V>\ d=
 C\, Δ^A Δ)C V^= b ΔC', σ^C b 0ΔKL', P L>^b0∇0x Lb
 V>\ HLNΔσσ0, Γ0b- ∇ AJU', P Vf ΔNC: ΔC b Δf ΔCσf,
 σ^C ∇ 0ΔKL', P PNL9σΓ0, P 2U0 Lb, σ^C P ΔδAC0Γ0 Δ
 Γ0bσbΓδ0Δσσ0Δ, ∇ <0Δ0L' AΓσ0 σ^C σΓ>σ0x σ^C P
 UCσ0 N^0∇, Δ' Δ0ΔbσΓ\, P Vf0∇0 Lb ΔC0ΔbΓδ\, σ^C P
 b0∇σΓ0x Γ0 Lb 0Δ>σσ\, P]^Pσ0 σ^ σ>0Δ^dσ σ^C
 P Γσ0 ΔC0ΔbΓ\ ΔPL0Δ, σ^C P ΔU0: "b0∇σ0, Δδ Lb Δ=
 σL 90b > Δσ0Δ\ 9 Γ^N0Δ]0Δσ, Δ^A Γ0Vf Cδf0σ, P b N=
 <ΔLN>" x Δ0∇σ0Δ Lb ΔΔ σ^), ∇ ΔUσCL, 0ΔfΔσσL' Δ0 b
 P ΔNσδ' P]N^0b?" P Δ0U0 Lb: "Δ0 b P P20Δ)C0Δ'"
 ∇δ γP^ ∇C': "P)U, σ^C P0 ΔL)C" x Γ0C σ\, 10, 25-34
 100 P' ΔUσCδP00 Pf b0∇σC0L\ Δ' Δ00∇0Δ0 P2L=
 σ), 0∇H 0Δ0 ∇0Δδ L0Δ= b Δ^VσCδP' P', ΔPLΓ00, b ΔU=



σ₇, CΛ^d- b Δ₅ < P∩_{aL}•Δ₁]₅₂ ^σC LL•Δ Δ₅Γ₉•Δ_a =
•Δ_P^σC₉•Δ₅ x

5° P Λ₁∩_σ P_{2L}σ)•∇_{aL}• P_{2L}σ) Δ^Λ P_{2L}σ)•∇_{σL}d P
UΔ_a, ∇ C•∇_{σL}, ∇ Δ^σ∇_σ]C•Δ₁ ∇ ₅PΔ₁ ^σC, Δ₅ Δ₅Γ =
9•Δ_a L_b, ∇_b ∇ _a•bP, ∇_b ^σC ∇ ∇C•bP_x

6° ∇•Δ_d]₅₂ ∇ P_{2L}σ)•∇_σΓ' P_{2L}σ), Δ^Λ ∇₅U _aCdC =
>d P' Δ₅Γ∇ Δ₅∩•Δ_σ•Δ P_{2L}σ) Δ₅Γ ∇ _a•bP P]C]•Δ_σ =
•Δ₁ ^σC ∇ ∇C•bP P' Δ₅Γ•Δ_σ•Δ ΔU_σ(d_σ• P_{2L}σ) P₁
Δ₅ P_{2L}σ)•∇_σΓ' x 1° •∇₅ P ∩∇_σΓd_a•, aL•Δ_a Λ_d ∇ Δ₅ =
d•Δ•Δ₁, •Δ•Δ₁- L_b ∇. •Δ₅•Δ•Δ₁ x 2° •∇₅ ∇•Δ•bσL Λ_d
∇ _ad(Cσ•Δ₁ Λ₁∩_σ P_{2L}σ)•∇_σΓ•∇•Δ₅ ^σC ∇•Δ_d Δ₅C ∇₅
•Δ₅Δ•∇L_b Λ₁∩_σ P_{2L}σ)•∇_σΓ•∇•Δ₅ x

7° LL•Δ P_{2L}σ)•∇_σΓ•∇•Δ₅, ∇•Δ_d]₅₂ ∇ Δ₅Γ₉bσ•Δ₁
∇ LL•Δ L•Δ₅Δ₅σ•Δ₁ x Δ₅]•Δ P_{2L}σ)•∇_σΓ•∇•Δ₅ Γ₅) =
C_daσ•Δ₅ ^σC aC•∇_σ(•b) ∇ P^σP_σΔ₅L₉L_b ^σC ∇ Δ₅ Γ₅
P^σP_σ•Δ<Γ)Γ' Γ_σ•∇ Δ•∇_σb_a Δ₅C b •Δ₅•Δ•∇₅ x P] =
]52 P_{2L}σ)•∇_σL_a• P_{2L}σ) ∇ ∫<∩d_aL_σ], ∇ _a•Δ₅σ₅ ^σC
∇ σ<^σd₅, ∇ P•₂•∇ Δ₅Γ₉], ∇ Δ₅Γ∇ σ_b]₅, ∇ Δ₅U₅ ∇
Δ_aΓ₉bσ•Δ₁ ^σC dCP₅ LL•Δ Δ₅Γ₉•Δ_a ∇ Δ<ΓC₅ x

8°]₅ P b P_{2L}σ)•∇_σL(a• P_{2L}σ) ∇ Δ₅∩ b•Δ₅]₅
^σC Δ^Λ •Δ_σ•b₅d, ∇ P₂<₅; Δ^Λ <]9₅d Δ₅Γ∇•Δ₅Γd₅
Γ•b- a_ab• ∇ Δ₅Γ₉bσ•Δ₁, ^σC Δ^Λ •∇∩_aL_d Δ₅Γ∇L_σ)b =
Γ•Δ_a x

16° ΔUσCδρ° Δσ°Δ\ P P^UσΓ' Γσ°C Γσ, °∇h °Δa
 ∇°Δd b <4PΔσσ°ΔΔbσ°Δ' ∇ Δb°ΔΓd' P2Lσ)°Δ, °∇h P
 ΠVσP9Γa°, P<Nδ\ Δf, P P Γσda° P P Δb°ΔL\, °∇h
 °Δa, ∇°Δd b P P ΔPL^°9°Δ' P P P P δ\, °C L°Δ- b <4P=
 ρ' °C L°Δ- b Γ)σρ' ∇ C P P\ ΔALΠh\ x ∇ P ΔCσ°ΔΠ=
 d' P2Lσ)°Δ, Δa P P Δ2σ° b°Π∇ P Δ°CΓ°b°∇°, ∇ ΔC':
 "P' Δ°CΓ°bΠ, °Γ°P°bδ > °∇σP9°Δ>" x ΓσLσ), ∇ Δ>=
 Γ°CLd' Γσ°C ∇c h V C, P ΔU<: " P °∇σCδρ > ∇ ΔC P P
 Δ°9°Δ\ " x °C Γσ°C Γσ ΠΛa°∇, Δ P°C P Δ σ b Δσ\,
 Δ°U°: " °∇h LΠb, Δσ- ΔP, Γρ°∇ 9 Δσ^9 ALΠρ P P " °∇=
 σCδρ°" σ b ΔΠ°b\ " x Γσ°C ρ\, 1, 48x ∇°Δd ΔP Δ°ΔP U
 Δ^ΛUσCδρ° Δ^Λ- Γρ°∇ d C P h\ ΔALΠh\

∇ P^UσP b UσP Γσ°C P\ Δ' Δ>σ°Δ°Δ P<N°b\,
 Δ>Γ∇ Lρaρ°Δa °C Δσσba\ x

17° Γσ°C P\ Δ' Δ>σ°Δ°Δ, ∇ Δ°U>\, P' Δ°CUaa° ΔσΔ
 <^P °Δ>°Δ°Δ°Δ, Δh° Δ^bσ°Δ°Δ, b P σ<ΔP\ C°V<σC Δ°Δ=
 σσ° ΔP; °C Λd d C P h 9°ba, V>°b > b P ΠΛa°∇°Δρ°Δ^=
 <>; °C Λd 9°ba b P h Γa°b<> ΔσP b P Γσ°C°Δ P^=
 9σCδΔd P\ Δ>Γ∇^ba x ΔP P Lb, P' Δ°CUaa° ∇ Λ°Δ<σ'
 Δa P<N\ b P ΔP P^C^°b Δ' P P °C <4P P^C^°ba, ≠
 C P h 9°ba, V>°b >)°Δx

18° Γρ°∇ ∇ ΔC P h\, P' ΔC P Uaa° Δ°ΔP U ∇ P^UσC°bσ=

$\nabla b \cdot \Delta a$ p b $\triangleleft \triangleright \cdot \triangleleft \cdot \triangleleft \setminus d(CP \triangleright \setminus L\sigma) \cdot \triangleleft \setminus, \sigma a \wedge d x$

1° $\sigma \cdot C \cdot \triangleright a \cdot \nabla \cdot \Delta \triangleright \triangleright \Delta \cdot \nabla L b \triangleright$: 1° $L\sigma \triangleright q \cdot \Delta \triangleright$, 2° $\nabla \triangleleft \cdot \sigma \Gamma b U \setminus \triangleleft \triangleright \Gamma \nabla \cdot \Delta \triangleright$, 3° $a \wedge - L\sigma \triangleright q \cdot \Delta (C \cdot \nabla C \setminus) \cdot \Delta \triangleright x$

2° $L\sigma \triangleright q \cdot \Delta \triangleright, \nabla \cdot \triangleleft d \nabla P \triangleright L\sigma \cdot \nabla \sigma \Gamma \setminus \triangleleft \cdot b \triangleright C \cdot \triangleright \sigma \Gamma b a \setminus$

3° $\sigma \cdot C \triangleright \setminus \Delta \sigma \triangleleft \cdot \sigma \Gamma b U \cdot \triangleleft \triangleright \Gamma \nabla \cdot \Delta \triangleright$: 1° $\nabla \sigma \sigma \cdot \triangleleft a C \setminus b \triangleleft \triangleleft b \triangleright$, 2° $\nabla \triangleleft \wedge \sigma \Gamma b U \setminus \triangleleft \triangleright \Gamma \nabla \cdot \Delta \triangleright \nabla \triangleleft \wedge \Delta \sigma \setminus b \sigma b \sigma C = d \sigma \Gamma \setminus \triangleleft \triangleright \Gamma \nabla \cdot \Delta \sigma \setminus$, 3° $\nabla b \nabla \sigma \Gamma C \sigma \cdot \triangleleft \setminus \triangleleft \triangleright \Gamma \nabla \cdot \Delta \triangleright, P \cup \Gamma \cdot \Delta \triangleright \triangleright \Gamma x$

4° $\nabla \sigma \sigma \cdot \triangleleft a C \setminus b \triangleleft \triangleleft b \setminus, \nabla \cdot \triangleleft d \nabla L \Gamma \triangleleft \triangleleft \Gamma C \sigma \cdot \triangleleft P \cdot \triangleright \Gamma C \cdot \triangleleft \triangleright \Gamma \nabla q \cdot b a x \triangleleft \wedge b \cdot P \Gamma \triangleleft \wedge (C \Delta) \cdot \Delta \sigma \cdot \triangleleft \triangleright x$ $\sigma \cdot C \triangleright \setminus \setminus \sigma \sigma \cdot \triangleleft a \sigma \Gamma C \sigma \cdot \triangleleft \triangleright b \triangleleft \triangleleft b \setminus$: 1° $\nabla \sigma \sigma \cdot \triangleleft a \sigma \Gamma \Delta \sigma \setminus \triangleleft \cdot \nabla \sigma b a \setminus, \nabla \cdot \triangleleft d \nabla \triangleright C L \triangleright \setminus \sigma \wedge C \wedge d \nabla \sigma \triangleleft \Delta \setminus \Gamma b U \cdot \Delta d a \triangleleft \sigma \wedge C \wedge d \triangleleft \triangleright \Gamma \nabla \Delta \wedge \cdot q \cdot \sigma \wedge C \wedge d d C \setminus \nabla \triangleright \cdot b \setminus) \cdot \triangleleft$; 2° $\nabla \sigma \sigma \cdot \triangleleft a \sigma \Gamma C \sigma \cdot \triangleleft \setminus \cdot C \sigma q \cdot \Delta \triangleright, \nabla \cdot \triangleleft d \nabla L \Gamma \sigma \Gamma b U \setminus \wedge \Gamma \triangleleft \triangleright \Gamma \nabla \cdot \Delta b \Gamma d \setminus \sigma \wedge C \nabla \sigma \sigma \cdot \triangleleft a \sigma \Gamma C \sigma \cdot \triangleleft \setminus \Gamma \triangleleft \Delta b \Gamma \setminus x$ 3° $\nabla \sigma \sigma \cdot \triangleleft a \sigma \Gamma C \sigma \cdot \triangleleft \setminus q \cdot b \triangleright, C \wedge \wedge d - \nabla L \Gamma \cdot \nabla \wedge = \sigma b \sigma \cdot \triangleleft \setminus \sigma \wedge C \wedge d \nabla L \Gamma d \Gamma \sigma \cdot \Delta a \sigma \cdot \triangleleft \setminus, \nabla P \setminus \cup a \sigma \cdot \triangleleft \setminus \triangleleft \triangleright \Gamma \nabla a b a \cdot, \nabla \wedge d \Delta b U \setminus \triangleleft \triangleright \Gamma \nabla \cdot \Delta b \Gamma \setminus, \nabla C C d \sigma b U \sigma P \triangleright \Gamma \sigma \cdot C \cdot \triangleleft \setminus \triangleright \setminus \triangleleft \triangleright \sigma \cdot \triangleleft \cdot \triangleleft \nabla b \nabla P \wedge U \sigma \Gamma b U \sigma P x$

5° $b a \wedge C \cdot \nabla L b \setminus \nabla \sigma \sigma \cdot \triangleleft a \sigma \Gamma C \sigma \cdot \triangleleft \setminus b \triangleleft \triangleleft b \setminus, \nabla \cdot \triangleleft d \nabla \triangleleft C \cdot \triangleleft b \sigma \cdot \triangleleft \setminus b \triangleleft \triangleright \Gamma \nabla \cdot \Delta \sigma \cdot \triangleleft \setminus$; $\nabla \cdot \triangleleft d \nabla \triangleright \cup \sigma b \sigma \cdot \triangleleft \setminus \sigma \wedge C \nabla \triangleleft C \cdot \triangleleft \sigma \cdot \triangleleft \setminus \triangleleft \triangleright \Gamma \nabla q \cdot b a \sigma \wedge C \setminus \nabla \triangleright \Gamma b \cdot P \Delta \setminus \sigma \sigma \triangleright \triangleleft \triangleright C \triangleright \Gamma b \triangleleft \triangleright \Gamma \nabla \cdot \Delta P x \cdot x \triangleright L \Delta \cdot C \Gamma b U \cdot \triangleright \Gamma \Delta \cdot \triangleleft \sigma \cdot \triangleleft \triangleright P \Gamma \triangleleft \sigma L P \Gamma b = U P \triangleleft \triangleright \Gamma \nabla q \cdot b a \Delta \wedge \wedge \sigma \sigma \setminus b P \cup \triangleleft \Delta b U P, \triangleright L \wedge d, \triangleleft \triangleright \Delta \nabla P \setminus \sigma \sigma P \Gamma b U P \triangleright \Gamma x$



∇ <U • Δf bU \ Lf e f • Δ > 28x

14° ΔσL b Γs \ Lf e f • Δ > • Δ<Πσ • ∇L b > Δ^5 ∇σσσ • Δ \ ∇
PzLσ) • ∇σL f \ D h • ΔΛ^d d σ > Γ^d f s s, < • b C^b Γ b \ x Γ • b =
J P^ b Δ^Λ (Λ f f, ∇ • Δ f Δ > Γ L^ PzLσ) • Δ, f e Δ • Δ f \, Δσ P
J C Δσσ • Δ \ ∇ b^9 σ C Γ ∇ Δ f \, P b • 9 f Γ • Δ \ Δ Δ P e, Γ > • Δ f P f
h h P • Δ f 9 • Δσσ • Δ, P f D f C L d f \ D h • ΔΛ^d d σ > Γ^d f s s, 9
PzLσ) • ∇σL f \, Δ Δ P > P J C e b P Δ f b • 9 f Γ d'; ∇ d b e =
• Δ P^ C • Δ f \ Δσ Δ Lσ) b e • σ^C P P^U σ Γ • Δ \, ∇ Δ > Γ ∇^C • Δ =
f \, σ^C ∇ σ Γ^C • Δ f \ x Δ^Λ J P^ b ∇ f σ C L f • ∇', f e Δ
• Δ f \ D f, ∇ C d e' Δσ Δ σ e Δ f σ > b Δ f L f e U P D e e • ∇ • Δ e
b Δ^Λ f P f • Δ f' ∇ • Δ < C \ D Γ σ • Lσ) 9 • Δσσ •, P < P f • ∇ Λ =
σ • Δσ Δ σ e Δ f σ >, σ^C P Λ d f Γ-

15° ΔσL b ΔΛ s s \ Lf e f • Δ >, e L Π σ^P \ Δ U 9, • Δ < L b σ • Δ \
∇ σ D) P^, ∇ P f e) < σ • Δ P L L h d f, f Π > P f D P L •, ∇ b • 9 D =
Π e \ Δσ Δ P f 9 • b e b P L • Δ) σ b U σ P P f Δ > Γ ∇ • Δ b Γ d \, Γ P =
h > Γ \ x Γ • b = ∇ • Δ Δ Π P J Π' < 4 P 9 • b e, P ∇ f e d f σ • Δ
Γ^C Π • L, ∇ d^C f e d f σ f b U < Λ) C • Δ σ f x Δ e Γ^C Π e P Λ Γ =
< C • Δ σ d \ σ^C P ∇ f D C L • ∇ • Δσ Δ e) < σ • Δ P L • Δ x Δσ L
Γ • b =, P ∇ f e d f σ • Δ \ σ e d C P > \ D^P σ P • Δ \, ∇ Γ • e ∇ • Δ f \
σ^C ∇ L^b • Δ e d f f \, ∇ • Δ f f f \ σ^C ∇ P^U σ C d f e d f f \ x
P Δ C • Δ b < • Δ^C d σ^C P < < s^U D d, ∇ b ∇ > σ Δ d' x ∇ σ D) P^
L b 9 C C • Δ > P < P f > J^C^b Γ \ Δ f x P D Π σ • Δ \ L b, ∇ Δ • b =
σ^b d σ f P f • Δσ Π Λ^P f • Δσσ • σ^C ∇ P < P Π e f \ U Π σ b σ \,
P • Δ e • Δ C ∇ • Δ \ x

16° $\nabla \cdot \nabla d \triangleleft \sigma L L \Gamma \cdot C \cdot \Delta$, $a^{\wedge} < - C \cdot \vee C \cdot \Delta$, $b P \supset C \setminus \text{h} \triangleright \Gamma$
 $\Delta^{\wedge} \wedge b a C \cdot \Delta b \cdot 9 \Gamma L' \triangleleft \sigma \Delta \Gamma U \cdot \Delta^{\wedge} \cdot 9 \cdot \Delta$, $\triangleleft \supset C \nabla \supset \supset \Delta =$
 $C \cdot \Delta \sigma \setminus x \triangleleft \sigma L b \triangleleft \wedge \supset \supset \setminus L \supset a \supset \cdot \Delta \sigma \setminus$, $P \Gamma \sigma^{\wedge} P \setminus \Delta U 9$, $P \cdot \Delta =$
 $< L a \cdot \nabla \cdot \Delta \Gamma b < \cdot \Delta^{\wedge} C d' \triangleleft \sigma \Delta \Gamma U \cdot \Delta^{\wedge} \cdot 9 \cdot \Delta$, $\nabla P b \cdot 9 \Gamma L'$
 $P \Gamma a \supset L \sigma \Gamma \supset' \triangleleft \setminus d \Gamma \sigma \cdot \Delta \text{h} \Gamma \supset a$, $\triangleleft \supset \Delta \cdot \nabla \supset b - b \supset \sigma \wedge L \Gamma =$
 $\sigma^{\wedge} < \supset x \text{h} \Gamma \supset \Gamma$, $P \supset L \sigma \supset \cdot \Delta \nabla < P \Gamma \sigma d'$, $P \supset d \supset \supset C \cdot \nabla \cdot \sigma^{\wedge} C P$
 $\cdot \Delta C L \cdot \nabla \cdot P \Gamma \sigma < \Delta \Gamma \Gamma \cdot \Delta \supset < \sigma \sigma 9$, $\nabla a \supset < \sigma^{\wedge} C \Gamma \Gamma \wedge \sigma^{\wedge} \Gamma \supset \Delta \sigma =$
 $\sigma \cdot \Delta x$

$\sigma \supset \supset a \supset \cdot \nabla \cdot \Delta$: $\nabla b \cdot \Delta a < \cdot b \supset C \cdot P b \triangleleft < \Gamma C \cdot \Delta$

$\supset' \Delta \supset \sigma b \supset \cdot \Delta \supset \supset \Gamma \vee \sigma \Gamma 9 \cdot P P \supset L \sigma \supset \cdot x$

1° $\supset L \supset a \supset \cdot \nabla \cdot \Delta \supset \supset \Gamma$, $P \supset L \sigma \supset P a C \cdot \nabla \sigma \Gamma d a \cdot P \Gamma P^{\wedge} U =$
 $\sigma C \cdot L \setminus \supset < \supset P \Delta \supset \sigma b \supset \cdot \Delta \supset$, $\sigma^{\wedge} C P \Gamma \Gamma \wedge \supset C L \setminus \triangleleft \sigma \Delta 9 \cdot b a \text{t}$
 $P \triangleleft \sigma C L 9 \supset \setminus x$

2° $\supset L \supset a \supset \cdot \nabla \cdot \Delta \supset P' \supset \Gamma \Delta d a a \cdot$: 1° $< \cdot b \supset C \cdot P \Gamma P \Gamma =$
 $\Delta \cdot U \supset \setminus$, 2° $P \Gamma \sigma \supset \cdot \Delta a \Gamma C \supset \setminus P \Gamma \Delta \cdot U \cdot \Delta \triangleleft \sigma C L 9 \cdot \Delta a$, 3°
 $P \Gamma < <^{\wedge} C \supset \setminus$, 4° $P \Gamma L \setminus P \Gamma \cdot \nabla \supset \setminus \sigma^{\wedge} C \wedge d P \Gamma \cdot \Delta \supset \cdot 9 \supset \setminus x$

3° $P \Gamma P \Gamma \Delta \cdot U \supset \setminus$, $P a \supset L a \cdot P \supset L \sigma \supset P \Gamma \vee C C \setminus \nabla \triangleleft \sigma C L =$
 $7 \cdot \Delta \setminus \sigma^{\wedge} C \wedge d \nabla \cdot \Delta C \cdot L \setminus x$

4° $\sigma^{\wedge} \cdot C \supset \setminus \Delta \supset P \Gamma \Delta \cdot C \sigma \cdot \Delta$: 1° $\triangleleft \supset \Gamma \cdot \Delta a \nabla \triangleleft < C P \cdot \nabla$
 $\Delta \cdot C \sigma \cdot \Delta \setminus L b$: "σ P Γ Δ · C", $\sigma^{\wedge} C \wedge d d C P \supset \Delta \cdot U \cdot \Delta a \vee =$
 $\supset \cdot b \supset \supset' \Delta \cdot C \Gamma b U P x$ 2° $\sigma^{\wedge} C \wedge d \supset \supset \supset C \supset \cdot \Delta a$: $\nabla \Delta^{\wedge} \wedge \Gamma \Gamma \sigma =$
 $a \sigma \cdot \Delta \setminus \sigma^{\wedge} C \wedge d \nabla \text{h} \Gamma \sigma b U \setminus L \sigma \supset \cdot \Delta L \supset a \Delta b \supset \sigma^{\wedge} C \wedge d \nabla \supset \Gamma =$
 $\Gamma b U \setminus L \sigma \supset \cdot \Delta L \supset a \Delta b \supset$, 3° $\nabla P \Gamma \Delta \cdot U \cdot \Delta L \supset a \Delta b \sigma \cdot \Delta \setminus x$

5° $\nabla \triangleleft < \Gamma C \sigma \cdot \Delta \setminus \wedge d P \Gamma \Delta \cdot U \cdot \Delta \triangleleft \supset \Gamma \cdot \Delta a$, $a L \cdot \Delta a \Delta \cdot U L b \supset$



$\nabla \cdot \Delta$ $P \Gamma \Delta \cdot U \geq \setminus$; $\triangleright \triangleright$ $\triangleleft \triangleright \Gamma \cdot \Delta \mathfrak{a}$ ∇ $\triangleleft \Gamma \Gamma \sigma \cdot \triangleleft \setminus$, $\mathfrak{a} \mathfrak{C} \cdot \nabla \sigma \mathfrak{C} \cdot \mathfrak{b} \triangleright$
 $\triangleleft \Gamma \Gamma$ $P \Gamma$ $\cdot \Delta$ $\mathfrak{a} \triangleright \Gamma \setminus$ $P \mathfrak{z} \mathfrak{L} \sigma \triangleright$ $P \Gamma$ $\mathfrak{a} \triangleright \mathfrak{C} \mathfrak{C} \setminus$, ∇ $\triangleleft \mathfrak{C} \mathfrak{L} \mathfrak{q} \cdot \triangleleft \setminus$ $\mathfrak{b} \wedge \mathfrak{C}$
 $\wedge \mathfrak{d}$ ∇ $\cdot \Delta \mathfrak{C} \mathfrak{L} \mathfrak{q} \cdot \triangleleft \setminus \mathfrak{x}$

6° ∇ $P \Gamma \Delta \cdot \mathfrak{C} \sigma \cdot \triangleleft \setminus$, ∇ $\triangleleft \mathfrak{C} \sigma \sigma \setminus$ $P \mathfrak{z} \mathfrak{L} \sigma \triangleright$ $\triangleright \setminus$ $\triangleright \mathfrak{J} \mathfrak{f} \mathfrak{b} \mathfrak{a}$, $\nabla \cdot \mathfrak{b} \triangleright$
 $\mathfrak{V} \triangleright \cdot \mathfrak{b} \triangleright$ $\Delta U \sigma \mathfrak{C} \cdot \mathfrak{b} \triangleright$ $\cdot \Delta \mathfrak{a}$ $\cap \wedge \mathfrak{a} \cdot \nabla$ ∇ $\mathfrak{a} \triangleright \Gamma \setminus$ $P \mathfrak{z} \mathfrak{L} \sigma \triangleright$ $P \Gamma$ $\mathfrak{a} \triangleright \mathfrak{C} \mathfrak{C} \setminus$
 $\cdot \nabla \setminus$ $\cdot \Delta \mathfrak{a}$ $\cap \wedge \mathfrak{a} \cdot \nabla$ \mathfrak{b} P $\triangleright \mathfrak{J} \mathfrak{C} \setminus$ $\Gamma \setminus \cdot \nabla$ $\mathfrak{q} \cdot \mathfrak{b} \mathfrak{a} \mathfrak{x}$ $\nabla \cdot \mathfrak{b} \triangleright$ $\mathfrak{L} \mathfrak{b}$ $\mathfrak{V} \triangleright =$
 $\cdot \mathfrak{t} \triangleright$ P $\mathfrak{b} \cdot \mathfrak{q} \mathfrak{f} \mathfrak{L} \mathfrak{a} \cdot P \mathfrak{z} \mathfrak{L} \sigma \triangleright$ $P \Gamma$ $\mathfrak{a} \triangleright \mathfrak{C} \mathfrak{C} \setminus$ $P \mathfrak{z} \mathfrak{u} \wedge$, $\mathfrak{q} \mathfrak{f} \Delta \cdot U \geq \mathfrak{d}$ ∇
 $\triangleleft \mathfrak{C} \mathfrak{f} \mathfrak{C} \triangleright \setminus$ $P \mathfrak{f} \mathfrak{P} \mathfrak{J} \setminus$, $\mathfrak{b} \wedge \mathfrak{C}$ $\wedge \mathfrak{d}$ $\triangleleft \mathfrak{L} \mathfrak{d} \mathfrak{z} \setminus$ $\mathfrak{b} \wedge \mathfrak{C}$ $\wedge \mathfrak{d}$ $\mathfrak{d} \mathfrak{C} \mathfrak{P} \triangleright$ $\mathfrak{q} \cdot \mathfrak{b} \mathfrak{a} \mathfrak{x}$
 ∇ $P \Gamma \Delta \cdot \mathfrak{C} \sigma \cdot \triangleleft \setminus$ $< \cdot \mathfrak{b} \triangleright \mathfrak{C} \cdot \mathfrak{x}$

7° $\sigma \setminus \cdot \mathfrak{C} \triangleright \setminus$ $\Delta \mathfrak{J}$ $< \cdot \mathfrak{b} \triangleright \mathfrak{C} \cdot$ $P \Gamma \Delta \cdot \mathfrak{C} \sigma \cdot \triangleleft \triangleright$; 1° ∇ $P \mathfrak{a} \wedge P$ $P \Gamma$
 $\Delta \cdot \mathfrak{C} \sigma \cdot \triangleleft \setminus$, 2° ∇ $P \Gamma \Delta \cdot \mathfrak{C} \sigma \cdot \triangleleft \setminus$, $\nabla \mathfrak{b}$ \mathfrak{V} $\mathfrak{a} \mathfrak{C} \cdot \nabla \sigma \mathfrak{C} \cdot \mathfrak{b} \setminus$, 3° ∇
 $P \Gamma \Delta \cdot \mathfrak{C} \sigma \cdot \triangleleft \setminus$ $P \Gamma$ $\sigma \mathfrak{J} \cdot \triangleleft \mathfrak{a} \mathfrak{f} \mathfrak{C} \sigma \cdot \triangleleft \sigma \sigma P$ $\triangleright \setminus$ $\triangleright \mathfrak{a} \mathfrak{r} \cdot \nabla \cdot \Delta \mathfrak{a}$ $P \mathfrak{z} \mathfrak{L} \sigma \triangleright \mathfrak{x}$
 $\triangleright \mathfrak{L}$ $\mathfrak{L} \mathfrak{f} =$ $P \Gamma \Delta \cdot U \cdot \Delta \triangleright$ $\mathfrak{q} \mathfrak{f} \mathfrak{a} \setminus$ $P \mathfrak{f} < \wedge (\Delta) \cdot \Delta \sigma \cdot \triangleleft \triangleright \mathfrak{x}$

8° $P \Gamma$ $P \mathfrak{a} \wedge P$ $P \Gamma \Delta \cdot \mathfrak{C} \sigma \cdot \triangleleft \setminus$, $\nabla \cdot \triangleleft \mathfrak{d}$ $P \Gamma$ $\cdot \Delta \mathfrak{C} \setminus$ $\mathfrak{q} \cdot \mathfrak{b} \sigma \cdot \triangleleft =$
 $\cdot \nabla \mathfrak{a}$, \mathfrak{b} $P \wedge \mathfrak{q} \sigma \mathfrak{C} \setminus$ $\nabla \mathfrak{b}$ ∇ $\mathfrak{C} \cdot \mathfrak{V} \mathfrak{L} \mathfrak{b} \sigma \sigma \setminus$, $\mathfrak{b} \wedge \mathfrak{C}$ $\wedge \mathfrak{d}$ $P \Gamma$ $\triangleleft \mathfrak{C} \mathfrak{L} \mathfrak{q} \setminus$ $\mathfrak{q} =$
 $\cdot \mathfrak{b} \sigma \cdot \triangleleft \cdot \nabla \mathfrak{a}$, ∇ $\Delta U \sigma \mathfrak{C} \setminus$ $\nabla \mathfrak{b}$ $P \Gamma$ $\cap \wedge \mathfrak{C} \setminus \mathfrak{x}$

9° ∇ $P \mathfrak{a} \wedge P$ $P \Gamma \Delta \cdot \mathfrak{C} \sigma \cdot \triangleleft \setminus$, $\cdot \triangleleft \cdot \triangleleft =$ ∇ $\triangleleft \wedge \wedge U \sigma \mathfrak{C} \cdot \mathfrak{b} \setminus$ $\mathfrak{q} \cdot \mathfrak{b} \triangleright$,
 $P \Gamma$ $< \wedge (\Delta) \cdot \Delta \sigma \cdot \triangleleft \triangleright \mathfrak{x}$

10° \mathfrak{b} $\triangleright \mathfrak{f} \mathfrak{q} \mathfrak{L} \mathfrak{b} \setminus$ $P \mathfrak{a} \wedge P$ $P \Gamma \Delta \cdot U \cdot \Delta \triangleright$ $\mathfrak{a} \wedge \mathfrak{a} =$ $P \Gamma$ $\mathfrak{L} \mathfrak{a} \mathfrak{C} \setminus$, $\nabla \cdot \triangleleft \mathfrak{d}$
 $\triangleleft \sigma \mathfrak{L}$, ∇ $\mathfrak{a} \triangleright \Gamma \setminus$ $P \mathfrak{z} \mathfrak{L} \sigma \triangleright$. $P \Gamma$ $\mathfrak{a} \triangleright \mathfrak{C} \setminus$ $P \mathfrak{a} \wedge P \cdot \Delta \sigma \sigma \cdot$, $\mathfrak{a} \wedge \mathfrak{a} =$ ∇ $\mathfrak{d} \wedge =$
 $\mathfrak{C} U \sigma \mathfrak{C} \mathfrak{d} \mathfrak{r} \cdot \Delta$ $P \mathfrak{J} \cdot \triangleleft \Delta \setminus$ $\Gamma \setminus \cdot \nabla$ $\mathfrak{b} \mathfrak{C} \cdot \Delta \mathfrak{C} \setminus$ $U \mathfrak{V} \sigma \mathfrak{f} \mathfrak{q} \setminus \mathfrak{x}$

11° $\nabla \mathfrak{b}$ ∇ $\mathfrak{q} \mathfrak{f} \mathfrak{a} \triangleright \mathfrak{a} \sigma \cdot \triangleleft \setminus$. $\Gamma \triangleright \sigma$ $P \Gamma$ $\mathfrak{C} \cdot \mathfrak{V} \mathfrak{L} \mathfrak{b} \setminus$ $\mathfrak{q} \cdot \mathfrak{b} \triangleright$, $\mathfrak{b} \mathfrak{C} \triangleright$
 $\mathfrak{C} \sigma \cdot \triangleleft \mathfrak{a} < \triangleright$ $P \Gamma \Delta \cdot U \cdot \Delta \triangleright$, $\nabla \mathfrak{b}$ $P \Gamma$ $P \mathfrak{a} \wedge P$ $P \Gamma \Delta \cdot \mathfrak{C} \sigma \cdot \triangleleft \setminus \mathfrak{x}$

12° ∇b $b \in \mathcal{A}$ $\Delta \wedge \mathcal{A}^* \text{ P r } a \sigma \wedge \sigma \rho a \sigma \cdot \Delta \setminus \triangleright \Delta \text{ P r } \Delta \mathcal{J} \langle \wedge \mathcal{C} \Delta =$
 $\cap a \sigma \cdot \Delta \setminus, \Delta U \sigma \mathcal{C} d \rho a \sigma \cdot \Delta \setminus \nabla b \cdot \Delta \wedge b = \mathcal{A} \cdot \Delta = \text{ P r } \text{ P r } \Delta \cdot \mathcal{C} \sigma \cdot \Delta \setminus,$
 $\Delta \triangleright \nabla \cdot \Delta \setminus \nabla \Delta \langle \mathcal{C} \setminus \sigma \wedge \mathcal{C} \wedge d \text{ P r } \Delta \mathcal{L} d \Gamma a \cdot x$

13° $\text{P r } \Delta \cdot U \cdot \Delta \setminus \nabla b \nabla a \mathcal{C} \cdot \nabla \sigma \mathcal{C} \cdot b \setminus, \nabla \cdot \Delta d \Delta \sigma \mathcal{L} \nabla \text{ P r } \Delta \cdot \mathcal{C} =$
 $\sigma \cdot \Delta \setminus \nabla b \nabla \Delta \wedge \sigma \setminus \text{ P r } \mathcal{A} \text{ P r } b U \setminus \sigma \wedge \mathcal{C} \wedge d \Delta \sigma \mathcal{L} \cdot \nabla \text{ P r } \mathcal{A} \text{ P r } b U \setminus$
 $\nabla \wedge \text{ P r } \Delta \wedge U \sigma \mathcal{C} \cdot b \setminus, \nabla b \nabla a \mathcal{C} \cdot \nabla \sigma \mathcal{C} \mathcal{L} b \setminus \text{ P r } \Delta \cdot U \cdot \Delta \setminus x$

14° $\langle \wedge \mathcal{C} \Delta \cap \cdot \Delta \cdot \nabla a \nabla \text{ P r } \Delta \cdot U \setminus \nabla b \nabla a \mathcal{C} \cdot \nabla \sigma \mathcal{C} \cdot b \setminus x \cdot \nabla \mathcal{A}$
 $\triangleright \Delta \nabla \mathcal{A} \setminus, \Delta U \langle \sigma \Delta d \mathcal{A} \Delta \mathcal{J} \text{ P r } U \sigma \mathcal{L} \wedge \langle \mathcal{A} \text{ P r } \mathcal{L} \sigma \rangle \cdot \Delta, \nabla a \mathcal{L} \setminus b$
 $\mathcal{L} \cdot \Delta \text{ P r } \mathcal{A} \text{ P r } b U \setminus \text{ P r } a \mathcal{C} \Gamma \sigma \text{ P r } \langle \cdot b \mathcal{A} \cdot \Delta \wedge \mathcal{A}^* \mathcal{A} \cdot b \in x \langle \cdot b \mathcal{A} \cdot \Delta$
 $\Delta \mathcal{J} \Delta \langle \text{ P r } \Delta \cdot \Gamma \triangleright \cdot \Delta \text{ P r } \Delta \wedge U \sigma \mathcal{C} d \rho \setminus x$

15° $\triangleright a \sigma \cdot \nabla \sigma \mathcal{C} \cdot b \setminus \mathcal{A} d = \text{ P r } \text{ P r } \Delta \cdot \mathcal{C} \sigma \cdot \Delta \setminus \Delta \wedge \nabla \wedge \sigma \cdot \mathcal{A} \text{ P r } =$
 $\mathcal{A} \mathcal{L} \sigma \rangle \text{ P r } \triangleright \text{ P r } \text{ P r } U \sigma \Gamma \setminus \sigma \wedge \mathcal{C} \wedge d \Delta \sigma \sigma \cdot \Delta \setminus \text{ P r } \Gamma \mathcal{A} \mathcal{C} d \rho \setminus x \mathcal{L} =$
 $\cap b, \nabla \cdot b \sigma \nabla \wedge \sigma \setminus \cap \langle \wedge d \sigma \mathcal{A} \cdot \Delta b \Gamma d \setminus, \Delta \wedge \Delta \sigma \sigma \cdot \Delta \sigma \wedge \mathcal{C} \text{ P r } \mathcal{A} \mathcal{L} \sigma =$
 $\mathcal{A} \cdot \Delta \cap \langle \wedge d \sigma \mathcal{A} \cdot \Delta \setminus \sigma \mathcal{C} \cdot \nabla \sigma \mathcal{C} \mathcal{L} b \cdot b \cdot \nabla \mathcal{C} \cdot \mathcal{V} \cdot \Delta \setminus, \Gamma \rho \cdot \nabla \mathcal{C} \cdot \mathcal{V} \cdot \Delta \setminus$
 $\sigma \wedge \mathcal{C} \mathcal{L} a \mathcal{C} \setminus \mathcal{A} \cdot b \setminus, \wedge d \mathcal{C} \cdot \mathcal{V} \cdot \Delta \setminus, \text{ P r } \cdot \Delta \text{ P r } b U \setminus x \mathcal{C} \cdot \mathcal{C} \cdot \mathcal{L} b$
 $\cdot \nabla \cap \text{ P r } \langle \sigma \cdot \mathcal{A} \text{ P r } \Delta \cdot U \cdot \Delta \setminus, b \mathcal{C} \Delta \langle \text{ P r } \mathcal{C} \sigma \cdot \Delta \mathcal{A} \langle \mathcal{A} \nabla \text{ P r } U \sigma \Gamma \cdot \Delta \sigma \cdot \Delta \setminus$
 $\sigma \wedge \mathcal{C} \nabla \sigma \cdot \langle b \sigma \cdot \Delta \setminus, \nabla \text{ P r } \text{ P r } a \sigma \cdot \Delta \setminus \nabla \triangleright \text{ P r } \text{ P r } U \sigma \Gamma \setminus \text{ P r } \mathcal{A} \mathcal{L} \sigma \rangle,$
 $\cdot \Delta a \cdot \mathcal{C} \cdot \mathcal{V} \cdot \Delta \setminus \cap \wedge a \cdot \nabla b \Delta \cdot \Delta \setminus x$

$\nabla \langle \mathcal{A} U \cdot \Delta \text{ P r } b U \setminus \mathcal{L} \rho a \rho \cdot \Delta \setminus 29 x$

16° $\Delta \sigma \mathcal{L} b \Gamma \mathcal{A} \setminus \mathcal{L} \rho a \rho \cdot \Delta \setminus \cdot \Delta \langle \mathcal{A} \sigma \cdot \nabla \mathcal{L} b \setminus \nabla \text{ P r } a \wedge \text{ P r } \Delta =$
 $\cdot U \setminus \Gamma \mathcal{A} \cdot \mathcal{C} \wedge U \setminus x \Delta \cdot \Delta \Delta \mathcal{J} \cap \mathcal{A} \cdot \Delta b \setminus, \nabla \text{ P r } \rho a \rho \cdot \Delta \setminus \triangleright \mathcal{L} \sigma \rangle \cdot \Delta$
 $\cap \mathcal{V} \sigma \text{ P r } \mathcal{A} \cdot \Delta \wedge \text{ P r } \Delta \mathcal{J} \cap \langle \wedge d \sigma \mathcal{A} \cdot \Delta b \Gamma d \wedge \mathcal{L} U \wedge b a \setminus, \triangleright \cdot \Delta \wedge b \Delta b \sigma \Gamma \sigma \setminus$
 $b \Delta \langle \wedge \cdot \Gamma \triangleright \cdot \Delta \text{ P r } \text{ P r } \mathcal{A} \text{ P r } b U \setminus \mathcal{A} \cdot \mathcal{A} \cdot \Delta \sigma \sigma \cdot \Delta, \text{ P r } a \Delta \wedge \langle \mathcal{A} \text{ P r } \Delta \cdot \Delta \rho \setminus x.$

∇d^Λ Lb <D^9abσ^•9•, ∇ •<KL', P ΔU• <D>C b ΔCσf:
“<•< Δσσ• <P' P •Δ7•∇• 7d^5, e^5U0\ b Dfσf”x ∇dC
Lb ΛU> P P'Δ•U•: “eL•Δe σ P^9σL• <•< Δσσ•”x

17° <σL b <Λs^5\ L'p'p'•Δ> P'σ^P\ ΔU9, •<KLbσ•Δ=
•<\ 7d^• σ^C ∇hDx ∇ V' C d^5\ ∇hD, V>•b• ∇ P'sbσ\, ∇
<σ^d' σ^C ∇ s•<U' ∇ P eCDD', P e)CL•∇• D'sL P'
<σΓd' <σfΓe, <σΔ •7f b P P's•Δ •∇sCL'σf x 7d^• P e
•VC•∇•, DL ∇ Δs e)CL•<' D^U^ P'. P'Δ•U•Δ <?No.1.d'
Γ^d-, D σ^C]sσ•Δ NvσC]•Δ>x ∇hD Pσ^ P e^d7•, σ^C
<C ∇b be9 <Λs^ ∇ eC•∇σC•b\, P' P'Δ•U• DL P')C\ x
∇•b+ b Df •<σC' Lb D σ^C]sσ•Δ NvσC]•Δ>x 7σ^, 25,
?9x

18° <σL b <Λs^5\ L'p'p'•Δ>, eL'σ\ ΔU9, •<Kσ•<σ•<D>
<σP σ•s^ eV•<\ b P f^C^•b•<bσ•Δf\ 7•b- b P'P'P=
'•Δσ^< P' D'PL• UΛC, hD^ Df, ∇ P Λd'p< D P'Δ•U=
•>x ∇ D'N'p< P' NΛe•∇•Δ' b eΔ> <^Pσ•, J•s P <=
e)CL•∇< b<DσNσσ•< ∇b P' <dΔΓ x hD^ Lb P)C•∇•
P' σ<ΔΓ x P'2Lσ) P eσb|v•, DL P e^P•Δ P' Δ•U•Δ <^=
(Δ)•Δ> Df, ∇)C•<' Γ'•∇ Δ^s∇σσσ•< P' b•<bUσf x DL
<σΔ P ΛΓ<σ< σ^) Λ>•e Δσd\, Δ^Λ UΛ' b e)L' b<D=
σNσσ•< σ^C b b•9fL' Cσ 9)C\ P' P•∇ N<ΔL•<', ∇
' P' LσσΓΓ x P eC•∇σC•L\ Lb σ•s^ <σΔ b P'sV•Δσf
D'd^5, hD^ P' <P'N'eLd' UΛC; ∇d V'P'N'eL' P f^C^•b•∇=

•Δ\ •ΔP\, P P α∇σ(ΓCσ•Δ\ 1_σ)•Δ Π<^dσ9•Δ •b>^PΠ=
•Δ>x 2 P P▷PL•Δ\, 21, 16x

σ▷▷α▷•∇•Δ>: ∇b•Δα <•b>C• P b Δ<P C•Δ>

▷' ΔJσbP•Δ>▷ΠVσP9• P PZLσ)εx

∇b ∇ ΠΛ)C\ Δ•∇α b P P PΔ•U•Δ 1▷CL9'x

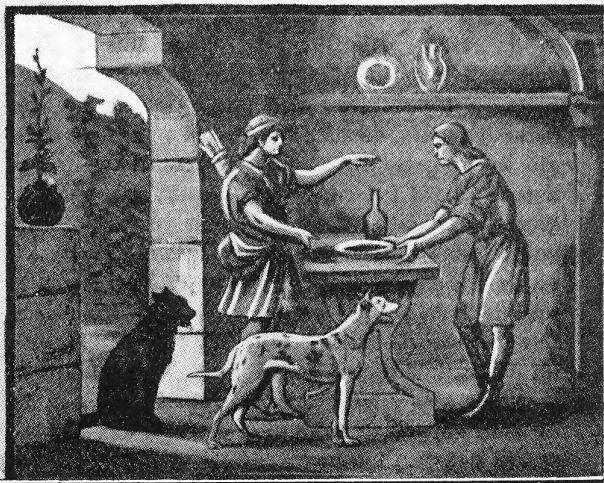
1° ∇ P P PΔ•U•Δ Δ▷CL9' Δ•∇α,σ•ε>\ ΔJ ΔC▷•ΔΠd

P P ΠΛ)C\ : 1° •∇h <U •b >^PUσC•b> P P ΠΛ)C\ Δσ=
7σ•,∇ P Δ▷CL9'▷P Λd, 2° •∇h (Λ^d- 1▷Γ∇•Δ.ΠΛ)=
CJ•Δ> ΔUσC•b> ΔσL b P α9'dJ' Δ•∇α,∇ P PΔ•U'x

2° εd= Lb,∇ P PΔ•Cσ•Δ\ P P J P b U\ 9•b> b▷PΔ•∇'
P ZLσ),αL•Δ^b= bC P L•bΛJ•∇Lb>x•∇h,σ^Cε,ΔεΔ P
P P<^CΔΠασ•Δ> ∇ P ΔJ P PΔ•Cσ•Δ\x Γα Lb, P ε^Λ> ΠΛ=
J P b U9, dC\ <^CΔΠ•Δ> bC J P b U•x∇•bε b)C\ ∇ε' Δ^Λ
b▷α▷•∇' Γε•C J> <^Π^C P P P•9▷ΓP xΓε•C L^h, 6,
14-19x

“P P▷PL• ∇ε' P V Cε ∇ ΔσJΓΓP P P h x •∇h▷' ΔJσbP=
•Δ> P ΔΠ P^9σC dCσ•Δσσ•, σ^C P Δ•U•: “J> <^Π^'
P •Δσ^b• Γα▷σΛ•Δ▷P x∇•Δd Lb▷P L L^b P ΔJ P 9•Δα
b εdC'x dC P>\ Lb P Δ•U•Δ\ : “∇•Δd ∇ε>^”, dC P>\ σ^C
P Δ•U•Δ\ : “▷P^P•ΔΔ9• Δα,σ^C Λd CΛ^d- V>\ ∇ ΔC=
J P \▷P^P•ΔΔ9•Δ\”x▷L, Δ^Λ ∇ε' Λ∇C\, P Δ•U•: “Δ•Δ
∇•Δ•bα, J> b P P^P•9•Δ\; P •Δσ^b•▷σΛ•Δ▷P.”x•∇h
∇ε' 9P•Δ\ P ΔJ Πε▷•∇d<> σ^C P▷Πσd<> Jα σ^C P L=

L P d A U d < > A P P < > . Δ b Γ d \ , Δ σ Δ ∇ ρ Π > C Δ P , Δ • Δ P L b σ σ =
 • Δ Λ σ < , • Δ P > a x • ∇ h P • Δ P Γ d < > , • ∇ h J > P Δ U < > ∇ G C :
 “ a L • Δ a Δ a Δ a Δ a • ∇ σ C • b > P a P P < > Δ L / P P > Δ • Δ P L b a ” x
 ∇ • Δ d Δ P ∇ ρ Π > / < • b C ^ < > ; σ ^ C J ^ U < σ C J < > P P σ < Δ / ;
 J a L b P b ^ P C • • ∇ h ∇ G / P d ^ U • J a , ∇ P ^ q σ L / ∇ • b σ
 > ^ P Π σ P , σ ^ C ∇ Γ σ • C σ P , P b a • ∇ σ Γ • L b x Δ ^ Λ b V C • Δ / ,
 Γ q / q • b a P > C J < > , σ ^ C P P σ < > ∇ V C • Δ / x Δ ^ Λ L b b
 σ Δ < σ \ ∇ P σ b > • ∇ Π P < σ \ , ∇ G / P Δ σ C • L d z • Δ σ σ • Δ Π Λ =
 b J • Δ > Δ P , ∇ • Δ d L / P P Δ P L • Δ , σ ^ C a > < σ • Δ P L • Δ σ ^ C b
 P ^ U σ C d P σ P b σ Δ \ Δ P x • Δ Λ L b Δ C σ h • Δ a Π Λ a • ∇ ∇ ρ Π > /
 b Λ > q σ P σ ^ C b σ Γ σ P , P a ∇ a • ∇ Δ d ∇ G C , σ ^ C Δ σ Δ b • Δ =
 P Γ P P Γ d σ P x ∇ d P P Δ P L • ∇ C / Δ σ Δ Δ ^ σ P ^ • q • Δ : “ a > C L • Δ >
 Λ d q • b > q a C • ∇ σ C L > , P b Γ σ Π > L b ” x P P P Δ • U • L b :
 “ q • b > Λ d q a > C J • Δ σ , P b Γ σ Π > , • Δ • Δ = Δ Λ C • σ / Δ P L =
 • Δ • Δ > ” x P • Δ a • Δ • , ∇ d ∇ C / Δ b • Δ > : “ q • b > q a > C L q > ?
 > L L b P Δ Π d : “ Δ ^ Π • b > J > < ^ Π ^ / ” x Δ ^ Λ L b P σ Λ b V P
 a C / P P Δ P L • Δ , P b • q P Γ • , ∇ Δ • U / : “ σ a C • ∇ σ U > P P Γ σ =
 > > P σ = , Δ a b σ \ , Δ ^ Π • b > J > < ^ Π ^ / ” x P P Δ P L • a ^ Λ - P Γ =
 P a • ∇ P ^ x ∇ σ • ∇ \ L b , Δ P P Δ • U • Δ > Δ P , σ ^ C Δ σ Δ Δ P b • Δ =
 C Λ Γ d / , J a P • Δ b ^ q σ C Γ ∇ • x P Δ σ Π > • ∇ • V > \ Δ a > < σ • Δ σ =
 σ L x P Δ C σ • ∇ • Δ ^ Π • b σ σ • P P V C σ • Δ σ σ \ Δ a b σ \ x ∇ d b a =
 C • Δ P ^ P • q • Δ / P < >) • Δ b Γ d \ σ ^ C P V C • ∇ • Δ ^ Π • b σ σ • Δ
 a b σ \ x P Γ σ • L b Δ ^ P σ P ^ • q • Δ x Δ ^ P σ P ^ • q • P Γ σ • L b Δ



L. bΛΠρ' • Δα ΠΛα • ∇ Λδ b < < Γ C'; CΛ^d = ∇ Π ∇ Δσ C =
L b σ • < ∇ P Γ Δσ Γ b σ • < ∇ x 2° ∇ ∇ ∇ 9 • b ∇ ∇ Δσ C L b σ • < ∇,
CΛ^d = ∇ ∇ Δσ C L b σ • < ∇ 9 Π L P ρ' σ ∇ α ∇ Δ C Δ P Γ σ' x

4° Δσ Γ ∇ Δσ C L 9 • Δ ∇ ∇ α P ∇ Λ < σ •, P ∇ ∇ Λ ∇ ∇ Γ b U ∇ P Γ L =
b Λ ∇ ∇ L b ∇ Δ σ d ∇ 9 Λ L Π ρ α σ • < ∇ x Δ b α Λ d L • b Λ ∇ ∇ L b ∇,
P ∇ ∇ Λ ∇ ∇ L Λ d Δσ C L b σ • < ∇ x

5° Δα Δ • ∇ σ b ∇ b Δσ Γ ∇ Δσ C L 9' α C • ∇ σ C d ρ' •: 1° P Γ
Δ ∇ α d ρ' P Γ P < < Γ C' Δσ Γ ∇ Δσ C L 9 • Δ ∇, • b ∇ ∇ ∇ P Γ < < Γ =
C' ∇ Γ ∇ ∇ σ Γ b ∇ ∇ Π x 2° α C • ∇ σ C d ρ' P Γ • Δ Δσ C L 9' C • ∇
∇ ∇ C P Γ L • b Λ Π ρ' CΛ^d = • Γ Γ b Δ P ∇ ∇ P Γ Δ • C σ • < ∇ x 3°
Δ U σ C d ρ' P Γ Δσ C L 9' < Π L Λ d ∇ P U Λ L Γ ∇ ∇ σ C' x

6° P^9 σ Γ b U • L b ∇ b Δ • ∇ α ∇ ∇ ∇ Π α L ρ' 9 • b σ • P Γ Π =
Λ ∇ C', Λ d • Δ α α ∇ σ C 9 P Γ ∇ C' x

7° Γ^C Δ ∇ d Γ Δ d' Δ • ∇ α • Δ Γ Δ σ σ • < ∇, P Γ Δσ Γ ∇ Δσ C L =
9', ∇ P Γ C • ∇ • Δ σ d Γ Δ • ∇ σ Γ, ∇ α C • ∇ Δσ C L b σ • < ∇ Δσ L ∇ Γ x
α L • Δ^b = P α ∇ σ (Γ Δ d P ∇ L σ) Δσ Γ σ • b P Π Λ ∇ Γ b U σ ∇ Δ =
L d • Δ ∇ ∇ C Λ d • Δ ∇ • Δ L ∇ b • Δ ρ' • Δ σ σ • ∇ Γ x

8° Δσ L b Δσ C L b σ • < ∇ α C • ∇ σ C • b ∇ P Γ P Π Λ ∇ Γ b U ∇ x
α L Δ • ∇ α α C • ∇ σ C d ρ' P Γ ∇ C' 9 • b σ • ∇ b b P ∇ Γ b U σ ∇ x
L Π b L b, α L • Δ^b = b C Δσ Γ ∇ Δσ C L 9 < ∇ Δ • ∇ α ∇ Δ • U':
"α L • Δ^b = σ b < ^C Δ Π ∇" x ∇ Δσ Γ ∇ Δσ C L 9' Δ • ∇ α ∇ b =
• Δ^b = P Γ < < Γ C' P Γ < ^C Δ ∇ • Δ σ σ •, C • ∇ Δσ C L 9 •, • ∇ ∇ P
∇ Γ b U • ∇ L x



$\langle P \cap \sigma \cap \rho \cap C \cdot \Delta \rangle \ P \cup L \sigma \rangle \cdot \Delta, \nabla \ \Delta \supseteq \Gamma \nabla \ \Delta \supseteq CL \cdot \Delta \rangle \ \langle \Delta \cap \rho \cdot \Delta \rangle_x$
 $\Gamma \sigma \cdot C \ \supseteq \Delta \ \sigma \cdot C \ \Gamma \sigma \cdot C \ \Delta \sigma \cdot \Delta \ \triangleright \ \sigma \rho \Delta \cdot b \ \cdot \Delta \gamma \cdot \Delta d, \nabla \ \triangleright \ \sigma d \rangle$
 $\rho \cap \ \supseteq \ \rho \cdot \Delta \rho \cdot \Delta \sigma \sigma \cdot \Delta x \ \Delta \wedge \Gamma \setminus \ L b, \cdot \Delta \langle L b \sigma \cdot \Delta \cdot \Delta \setminus \ \rho \Gamma \supseteq$
 $\sigma \cdot C \ \Delta \sigma \ \triangleright \ \rho \cdot \rho \cdot \Delta \Delta \rho \cdot \rho, \nabla \ \langle L \wedge b \rho \cdot b \sigma \cdot \Delta \langle L \rho \setminus \ \sigma \cdot C \ \nabla \ \rho \cdot \Delta \sigma$
 $\sigma \cdot \rho \sigma \rangle \langle \cdot \Delta \rho \setminus \ x \ \Delta \supseteq \sigma \cdot \Delta \setminus \ \cdot \Delta \gamma \cdot \nabla \cdot \Delta \setminus \ \triangleright \ \triangleright \ \rho L \wedge \cdot \rho L x \ \triangleright \triangleright$
 $\cdot \Delta \wedge \cdot b \sigma \ b \ \Delta \wedge \cup \rho \ \nabla \ \sigma \supseteq \sigma \supseteq \wedge b \wedge \rho \rho \setminus \ \Delta \rho \Delta b \supseteq, \sigma \wedge \langle \cdot \nabla L b \cdot \sigma \cdot$
 $b \ \sigma \supseteq \sigma \supseteq \wedge \sigma \rho \ \rho \rho \wedge \ \sigma \cdot C \ \Gamma \sigma \cdot C \ \Gamma \sigma \ \triangleright \ \wedge L \rho \cdot \Delta \ \langle L \wedge b \langle \cdot \Delta \sigma =$
 $\cdot \Delta \cdot \Delta \cdot x$

$22^\circ \ \sigma \cdot \Delta \cdot \Delta \setminus \ \triangleright \langle \langle L \sigma \cdot \Delta \setminus \ \nabla \ \triangleright \rho \rho \cdot b \sigma \wedge \sigma \cdot L \rho \setminus \ \rho \setminus \ \triangleright \rho L \wedge =$
 $\cdot \rho \Gamma \sigma \cdot \Delta \ \triangleright \ \Delta \sigma \Gamma \rho \cdot \Delta \sigma \cap d \sigma \cdot x \ \nabla \ \rho \wedge \sigma \sigma \setminus \ \rho \rho \ b \Gamma \setminus, \rho \ \Delta \supseteq \Gamma \nabla$
 $\Delta \supseteq CL \rho \cdot \Delta \setminus \ \rho \rho \ \langle \cdot \Delta \wedge \sigma \cdot L \rho \setminus \ \Gamma \sigma \cdot C \ \Gamma \sigma \cdot \Delta \ \triangleright \ \Delta \supseteq \Gamma \nabla \cdot \Delta b \Gamma =$
 $d \sigma \cdot \rho \supseteq \wedge \supseteq \wedge L \rho \Delta d \cdot C \cdot \nabla x \ \nabla \ \rho \ \sigma \langle \langle d \rho \setminus, \Delta \sigma = \ \nabla \rho \ \cap \wedge \rangle \langle \Delta \setminus$
 $\triangleright \ \Delta \supseteq CL \rho \cdot \Delta \sigma \cdot \Delta x$

$\sigma \cdot \Delta \ \triangleright \Delta \sigma \cdot \nabla \cdot \Delta \supseteq; \ b \sigma \rho \wedge \rho \rho \ \rho \rho \ \Delta \supseteq \Gamma \nabla \ \sigma \cdot \nabla \sigma =$
 $\langle \cdot L \setminus \ \rho \cup L \sigma \rangle \ \triangleright \ \rho \rho \ b \sigma \cdot x$

$1^\circ \ \Delta \sigma L \ \sigma \cdot \Delta \ \triangleright \Delta \sigma \cdot \nabla \cdot \Delta \supseteq \ \rho \setminus \ \Delta \langle \rho \cdot \Delta \cap d \sigma \sigma \cdot \rho \rho \ \Delta \supseteq \Gamma \nabla \ b =$
 $\sigma \cdot \nabla \sigma \langle L \setminus \ \nabla \ \Delta \supseteq \Gamma \nabla \rho \rho \ b \setminus \ x$

$2^\circ \ \Delta \supseteq \Gamma \nabla \rho \rho \ b \cdot, \nabla \cdot \Delta d \ \rho \cup L \sigma \rangle \ \triangleright \ \rho \rho \ b \sigma \cdot, \nabla \cdot \Delta d \ \Delta \sigma L \ \nabla \ \rho =$
 $\rho \ b \setminus \ b \ \langle b \sigma \wedge \langle \sigma \cdot \Delta \setminus \ \rho \rho \ \Delta \rangle \wedge \rho \wedge \langle \setminus, \Delta \wedge \supseteq \ b \ \triangleright \rho \Delta \setminus \ \rho \rho \wedge \ \triangleright \setminus$
 $\Delta \supseteq \Gamma \nabla \wedge b \sigma \cdot x$

$3^\circ \ \langle \cdot \langle \rho \setminus \ \rangle \ d \rho \rho \langle \setminus \ \rho \rho \wedge, \ \Delta \sigma L \ \nabla \ \rho \rho \ b \setminus \ b \ \langle b \sigma \wedge \langle \sigma \cdot \Delta \setminus$
 $\rho \rho \ \Delta \rangle \wedge \rho \wedge \langle \setminus \ \rho \cup L \sigma \rangle, \nabla \cdot \Delta d \ \nabla \ \langle L \cap \sigma \cdot \nabla \rho \rho \ b \setminus \ x \ \nabla \cdot \Delta d \ \Delta \sigma L \ \rho =$
 $\rho \ b \cdot \Delta \rho \wedge \cdot \Delta \ \rho \rho \ b \cdot \ b \ \rho \ \Delta \rho \sigma \cdot b \cup \setminus \ x \ \triangleright L \ \nabla \ \rho \rho \ b \setminus \ \cdot \nabla \rho \ \rho \ \Delta \langle =$



PCσ•Δ\, ∇•Δ•dΔσL ∇ •Δ P^UσCδC•Δ/ Δ/ Δ•∞Λ•Δ> P2=
Lσ), bΔ^•b ΔJ(^(> Γρ•∇ 9•bα, L•Δf σ^C^x

4° ∇ bα•∇σf bU\ Δ•∞Λ•Δ P f b•, P ΔfC Δ>Γ∇^b> P f
bα•∇σf bU\ ∇ Δ>Γ∇P f b\, ∇ P^UσCδCσ^•Δ\ ΔσΔ σ^ LL^=
bCJ•Δα: Δ •Δσ^b•Δ> 7ρ^, ∞^C ∇ αJ^C•Δ/ ΓΔLσ) ΔJ=
P^•Δbαx

5° P f Δ>Γ∇ bα•∇σ(L\ ∇ Δ>Γ∇P f b\, P' ΔUσCδραα•
∇b P f ΔfC^ \ Δ)^9αbσ Δ)^9•Δ>, ∞^C P f •ΔfΔ•∇> \ ∇
Δα7ρbσ•Δ\ x

6° ΔL Δ)^9αbσ Δ)^9•Δ> ∇J σρ) f bU\, Γρ•∇)•Δ Δ=
)^9•Δ> ∞^C LL•, Γρ•∇ Δ<Pρ•Δ> ΔC Γ>• Δ•ΔρU b Δ<=
PρL b\ Δ^Λ- Γ)∞σf b>, ΔJσbU• Δ)^9αbσ Δ)^9•Δ> x •∇h
ΔL)•Δ Δ<Pρ•Δ> •∇^b- P J C J < α\ Δ•Δbσ Δ)^9αbα\ x
Δα- L b, Δh^ J C •L\ Δ)^9αbα\ ΔPρ•Δ> Δf, ∇ •Δ^bΔbσ=
bσ•Δ>, ∇ σC•ΔP f bσ•Δ\, •Δ^bL> Δ<Pρ•Δ>, ∇ b^p•bρασ=
•Δ\, ∇ Lρσ^CΔbσ•Δ\, ∇ ΓCρbσ•Δ\, ∇ ΔhΓbσ•Δ\, ∇ ΔαΛ=
bσ•Δ\, ∇ •ΔαΔbσ•Δ\, ∇ LσCσ•Δ>, ∇ ΛΓΛfασ•Δ\ ΔCΔ ∞^C
^Λd Γf^ Δf x

7° P2Lσ) ΔfC^ Γ>•Δ Δ<Pρ•Δσσ• ∇ Δ>Γ∇P f b\, 1°,
P f P J C•Δ/ Δσσ•Δ P f C•VCLδ/ b L•Δf P^UσC•bσσ\
Δ P Vσf 9•Δ>; 2° •ΔαΔd Δσσ• Γ>•Δ Δ)^9•Δσσ•, P f PΛ
ΔfC' Δ/ Δ>Γ∇ ΔUσCδρ•Δα, ∇ Δ>Γ∇ P f bσ\ x

8° ΔL ΔfΔ•∇•Δ> P ΓΔ J C δ α α• ∇ •Δ>•Δ> \ ∞^C ∇ <

C\ 76U•Δdα, 2° P5^A > <PΠσ•C•∇ Δσσ•Δ\ V>\ Δ^=
P\ PΓ ωFCF\ Δ<Πρ•Δσσ• ∇b ΛSγ\ b Γ>•Δσσ\, CΛ^d=
∇ b^P<ρσσ•Δ\ σ^C ∇ Lρσσ•Δ\, 3° P5^A > Δ>Γ∇Δ=
<Πρ•Δ> ∇UσC•b\, CΛ^d- ∇ <ρCσ•Δ\ σ^C ∇ ΓσσdCσ=
•Δ\ Δ>Γ∇•ΔbΓ\ σ^C Λd ∇ ΔSΔ' Δ>Γ∇ Δσσ•x

15° ΔσP b SPLF\ dCP> PΓ Δ)^9σΓ ∇ Δ>Γ∇Pσbσ\,
∇•bσ V>•b •ΓF ∇^ΛΓ <^CΔΠF\ 9 ΔPσσP< > P5^A >
•Δσσ•Δ• ΠΛσσ•∇ P)CJ•Δd<σx

16° Δ σPΔdL•Δ\ σ^C ΔPL•Δ\ σ^C ΔPL^•9•Δ\ b Δ=
ΓΔF\ Δ' Δ>ΔSΓS^•Δ•Δ σ^C Δ'•Δ)^9σσ•Δ•Δ σb>^\
PΓ bσσ•∇σCΓσΓ Δ>Γ∇Pσbσ•, PΓ<^CΔΠ•Δ\ σ^C bC Π<^=
dσσ•Δ•Δ\ CΛ^d- b Δ<ΠρσΓx

17° Jσσ•Δ^b < PΠσbU• PΓ <^CΔΠσσ•Δ\ x ∇•Δd •∇Γ
•ΔσσΔUσΓbU\ <^CΔ)^•Δ > Δ•ΔρU ∇ Lσσ\ ∇ P)ΓbU\ ∇
Δ>Γ∇Pσb\ ΔΓx

∇ <U •ΔΓbU\ Lρσσ•Δ > 32x

18° P^PωΔL9Lb > ΔL Lρσσ•Δ > Cσ^ΛΓ Λ)^ ΔSσdρ. .
ΔσP b •Δ Δ>Γ∇ bσσ•∇σCP\ ∇ Δ>Γ∇Pσbσ\ σ^C ΔσP b
σS•ΔωFCF\ x Δ^ΛΓ\ Lρσσ•Δ >, •Δ<ΓbU•Δ Δ>Γ∇•ΔbΓ\,
76U•Δdα•ΔbΓ\ σ^C Γ<ΔbΓ >, σ^C ΔρΓ σC•ΔPΓbσσ σ^C
V>\ PΓ•Δ^bΔb > x Γρ•∇ ΔC•∇•ΔbΓ•b σ^C b ΔS ΔS C=
σ•ΔP 9•bσσ P<ΔbU•Δx>C<σ^•b\ σ^C σC•ΔPΓ9•Δ Δ<σ
ΓC•Δσσ Δ^U•Δ, ∇b ∇ Δ<CPx b P^PωΔLΓ\ Δ•ΔSσ >





Γ_α ∘ C ∘ Δ ∘ τ ∘ C_x

7° Γ_α, Λ_β ∘ ∇ ∘ Γ ∘ b ∘ U ∘ ∖ ∘ P ∘ Γ ∘ P ∘ U ∘ σ ∘ Γ ∘ ∖ ∘, ∇ ∘ Δ ∘ d ∘ P ∘ Γ ∘ α ∘ Δ ∘ C ∘ L ∘ ∖ ∘
▷ ∘ Δ ∘ U ∘ σ ∘ C ∘ ∖ ∘ Δ ∘ σ ∘ ∘ Δ ∘ ∘ τ ∘ ∘ C ∘ ▷ ∘ ∖ ∘ U ∘ σ ∘ C ∘ ∖ ∘ Δ ∘ σ ∘ ∘ Δ ∘ ∘ P ∘ Γ ∘ β ∘ Δ ∘ C ∘ N ∘ =
∖ ∘ ∖ ∘ x

8° Γ_α ∘ C > ∘ ∇ ∘ b ∘ τ ∘ τ ∘ C ∘ b ∘ P ∘ P ∘ β ∘ Δ ∘ L ∘ C ∘ ∖ ∘, ∇ ∘ Δ ∘ U ∘ ∖ ∘: "Δ ∘ Δ ∘ =
∖ ∘ ∖ ∘ ∖ ∘, α ∘ Δ ∘ C ∘ d ∘ ∖ ∘ P ∘ σ ∘ P ∘ Δ ∘ d ∘ ∘ Δ ∘ ∘ Δ ∘ ∖ ∘ ▷ ∘ N ∘ V ∘ σ ∘ Γ ∘ q ∘ ∖ ∘ Δ ∘ ∖ ∘, ∘ ∇ ∘ ∖ ∘ ▷ ∘ L ∘ Δ ∘ ∖ ∘
∘ b ∘ ∖ ∘ ∘ b ∘ ∖ ∘" x ∇ ∖ ∘ ∖ ∘ ∖ ∘ ∖ ∘, 6, 1 x Γ_α ∘ L ∘ b: "Δ ∘ Δ ∘ ∖ ∘ ∖ ∘ ∖ ∘, α ∘ Δ ∘ C ∘ d ∘ ∖ ∘ P
σ ∘ P ∘ Δ ∘ d ∘ ∘ Δ ∘ ∘ Δ ∘ ∖ ∘ Γ ∘ ∖ ∘ ∇ ∘ Δ ∘ ∖ ∘, ∘ ∇ ∘ ∖ ∘ ∇ ∘ ∘ Δ ∘ ∘ q ∘ σ ∘ ∘ α ∘ ∘ ∘ ∘ Γ ∘ ∘ τ ∘ σ ∘ C ∘ ∘ U ∘ V ∘ =
∖ ∘ ∖ ∘ q ∘ ∖ ∘" x d ∘ ∖ ∘ ∖ ∘ ∖ ∘, 3, 20 x

9° ▷ ∘ L ∘ Γ_α ∘ q ∘ P ∘ Δ ∘ ∖ ∘ P ∘ U ∘ σ ∘ L ∘ P ∘ ∖ ∘ P ∘ σ ∘ P ∘ Δ ∘ d ∘ ∘ Δ ∘ ∘ Δ ∘ ∖ ∘, ∇ ∘ Δ ∘ d ∘ P ∘ Γ
α ∘ ∘ ∘ ∘ ∘ L ∘ ∖ ∘ ▷ ∘ Γ ∘ β ∘ C ∘ ∖ ∘ Δ ∘ σ ∘ ∘ Δ ∘ ∘ Δ ∘ τ ∘ ∘ C ∘ Γ ∘ α ∘ ∘ N ∘ ∖ ∘ ∖ ∘ Δ ∘ σ ∘ ∘ Δ ∘ ∘ Δ ∘; ∘ ∇ ∘ ∖ ∘
∖ ∘ ∖ ∘ U ∘ σ ∘ C ∘ ∘ b ∘ ∖ ∘ L ∘ ∘ Δ ∘ ∘ ∇ ∘ ∘ Δ ∘ ∘ d ∘ C ∘ σ ∘ ∘ Δ ∘ ∖ ∘ ∇ ∘ P ∘ U ∘ σ ∘ Γ ∘ ∖ ∘ Δ ∘ ∘ ∇ ∘ α ∘, ∇ ∘ Δ ∘ d
P ∘ Γ ∘ α ∘ ∘ ∘ ∘ ∘ Δ ∘ ∖ ∘ Δ ∘ σ ∘ L ∘ b ∘ Δ ∘ ∖ ∘ ∘ b ∘ ∖ ∘ ∘ b ∘ N ∘ ∖ ∘ ∖ ∘ x

10° P ∘ ∖ ∘ ∘ ∖ ∘ ∖ ∘ ∖ ∘ ∖ ∘ ∖ ∘ q ∘ Δ ∘ ∖ ∘ P ∘ U ∘ σ ∘ L ∘ P ∘ ∖ ∘, ∇ ∘ Δ ∘ d ∘ P ∘ Γ ∘ α ∘ C ∘ ∘ Δ ∘ C ∘ =
C ∘ ∘ L ∘ ∖ ∘ ▷ ∘ Γ ∘ β ∘ b ∘ q ∘ ∘ P ∘ Γ ∘ ∘ ∇ ∘ ∘ Δ ∘ α ∘, ∖ ∘ α ∘ L ∘ b ∘ Λ ∘ d ∘ Δ ∘ ∖ ∘ α ∘ ∘ P ∘ Γ ∘ α ∘ C ∘ ∘ Δ ∘ C ∘ =
C ∘ ∘ L ∘ ∖ ∘, L ∘ b ∘ Δ ∘ ∖ ∘ P ∘ Γ ∘ ∘ Δ ∘ b ∘ ∘ q ∘ N ∘ ∘ ∘ C ∘ ∘ L ∘ ∖ ∘ x

11° L ∘ Γ ∘ ∘ L ∘ b, P ∘ U ∘ σ ∘ L ∘ b ∘ σ ∘ Δ ∘ ∘ Δ ∘ ∖ ∘ ▷ ∘ σ ∘ P ∘ Δ ∘ d ∘ L ∘ ∘ Δ ∘ ∖ ∘ ∇ ∘ ▷ ∘ Γ ∘ ∘ C ∘ L ∘ ∘ Δ ∘ =
∖ ∘ ∖ ∘ b ∘ ∘ U ∘ σ ∘ Γ ∘ ∖ ∘ x Δ ∘ ∘ ∘ ∘ C ∘ ∘ ∇ ∘ σ ∘ C ∘ ∘ b ∘ ∘ ∇ ∘ τ ∘ ∘ C ∘, P ∘ Γ ∘ α ∘ ∘ ∇ ∘ σ ∘ C ∘ Γ ∘ Δ ∘ ∖ ∘ ∖ ∘ Γ ∘ =
∖ ∘ σ ∘ ∇ ∘ ∖ ∘ b ∘ ∘ P ∘ C ∘ σ ∘ ∘ Δ ∘ ∖ ∘ Δ ∘ σ ∘ d ∘ ∖ ∘ x

12° Γ ∘ ∖ ∘ ∇ ∘ ▷ ∘ L ∘ P ∘ N ∘ V ∘ σ ∘ Γ ∘ q ∘ Γ_α ∘ ∘ Δ ∘ α ∘ N ∘ Λ ∘ α ∘ ∘ ∇ ∘ P ∘ P ∘ ∘ P ∘ β ∘ Δ ∘ L ∘ d ∘ α ∘ ∘
∘ ∘ ∘ ∘ ∘ b ∘ P ∘ C ∘ ∘ C ∘ ∘ ∘ ∖ ∘ ∘ N ∘ ∖ ∘ ∖ ∘, ∇ ∘ Δ ∘ U ∘ ∖ ∘: "P ∘ U ∘ σ ∘ ∘ ∘ C ∘ ∘ Δ ∘ τ ∘ ∘ C ∘ P ∘ b ∘ ∘ Δ

Рі $\Delta_{\sigma} \Gamma \sim (L \cdot \Delta \Gamma \setminus C) \wedge \exists, \sigma^{\wedge} C \Gamma \sigma \nabla \exists \text{ б } \sigma \text{ PC } \sigma \cdot \Delta \setminus \text{ б } \Delta$
 $\cap \wedge \sigma \cdot \Gamma \langle \exists \Delta \cdot \nabla_{\sigma} \triangleright \sigma \text{ P } \Delta \cdot \text{ б } \text{ L } \Gamma - \triangleright \text{ J } \sigma \text{ U } \sigma \text{ C } \text{ J } \cdot \Delta \sigma \sigma \cdot \Delta \times$

17° $\Delta \sigma \Delta \text{ L } \Gamma - \Delta \triangleright \Gamma \cdot \Delta_{\sigma} \triangleright \text{ L } \triangleright \Delta_{\sigma} \cdot \nabla \cdot \Delta \exists$; "Р. σ^{\wedge} Рі $\wedge \text{ L} =$
 $\cap \text{ P } \triangleright \Delta \exists \text{ C } \Delta^{\wedge} \text{ P } \setminus \text{ q } \Gamma \sigma^{\wedge} \setminus \triangleright \cap \text{ V } \sigma \text{ P } \text{ q } \cdot \text{ P } \text{ P } \text{ L } \sigma \rangle \text{ c } \#, \Delta \cdot \text{ U } \text{ L } \text{ б } =$
 $\cdot \Delta \text{ P } \text{ L } \sigma \rangle \nabla \text{ s } \cdot \nabla \sigma \text{ L } \setminus \sigma^{\wedge} \text{ C } \nabla \cap \langle \Delta \text{ L } \cdot \Delta \setminus \Gamma \text{ q } \cdot \text{ C } \rangle ; \cdot \Delta \cdot \Delta - \triangleright \text{ C}$
 $\Delta^{\wedge} \text{ P } \setminus, \Delta \sigma \Delta \Delta \cdot \Delta \text{ J } \text{ s } \text{ б } \text{ P }^{\wedge} \text{ U } \sigma \text{ L } \sigma \text{ P } \triangleright \text{ C } \cdot \Delta \sigma \cdot \Delta \sigma^{\wedge} \text{ C } \triangleright \text{ б } \cdot \Delta \sigma \cdot \Delta \times$

18° $\Delta_{\sigma} \Delta \cdot \Delta \text{ J } \sigma^{\wedge} \text{ б } \text{ L } \sigma \text{ L } \setminus \triangleright \sigma \text{ P } \Delta \cdot \text{ б } \sigma^{\wedge} \text{ C } \wedge \text{ д } \text{ б } \cdot \nabla \wedge \sigma \setminus$
 $\text{ J } \cdot \text{ б } - \nabla \text{ U } \langle \sigma \sigma \text{ P } \setminus, \sigma \rangle \text{ C } \text{ L } \text{ P } \text{ P } \text{ L } \text{ б } \text{ P } \Gamma \text{ д } \setminus \text{ P } \text{ L } \sigma \rangle \cdot \Delta \sigma^{\wedge} \text{ C } \text{ P } \text{ P}$
 $\text{ L } \text{ J } \sigma \Gamma \text{ д } \setminus \cdot \Delta \text{ P } \Delta \sigma \sigma \cdot \Delta \times$

19° $\Delta \sigma \text{ L } \Gamma \sigma \text{ б } \cdot \text{ б } \triangleright^{\wedge} \text{ q } \sigma \text{ C } \cdot \text{ б } \setminus \Delta \Delta \text{ C } \text{ J } \cdot \Delta \exists, \Gamma \text{ P } \cdot \nabla \Delta \cdot \Delta \text{ J } =$
 $\text{ s } \setminus \text{ q } \text{ P }^{\wedge} \text{ P } \cdot \Delta \langle \text{ C } \cdot \text{ б } \langle \exists \rangle, \nabla \cdot \Delta \text{ д } \Delta \cdot \Delta \text{ J } \sigma^{\wedge} \text{ J } \text{ P }^{\wedge} \text{ б } \Delta \langle \text{ P } \text{ C }^{\wedge} \langle \exists \rangle \nabla$
 $\cdot \Delta \text{ P } \text{ C } \text{ J } \text{ q } \text{ L } \setminus, \nabla \Delta \Delta \text{ C } \cdot \Delta \setminus, \Gamma \cdot \text{ б } \cdot \text{ C } \text{ J } \sigma \cdot \Delta \sigma^{\wedge} \text{ C } \Gamma \cdot \text{ б } \cdot \text{ C } \text{ J } \text{ J } \langle \times$
 $\nabla \langle \text{ s } \text{ U } \cdot \Delta \text{ P } \text{ б } \text{ U } \setminus \text{ L } \text{ P } \text{ д } \text{ P } \cdot \Delta \exists \text{ 34 } \times$

20° $\Delta \sigma \text{ L } \text{ б } \Gamma \text{ s } \setminus \text{ L } \text{ P } \text{ д } \text{ P } \cdot \Delta \exists \cdot \Delta \langle \text{ N } \sigma \cdot \nabla \text{ L } \text{ б } \exists \Delta_{\sigma} \Delta \cdot \Delta \text{ J } \sigma^{\wedge} \text{ J } \text{ P }^{\wedge}$
 $\text{ J } \cdot \Delta \text{ P } \Delta \setminus \Gamma \cdot \text{ б } \cdot \text{ C } \text{ J } \sigma \cdot \Delta \cdot \Delta^{\wedge} \text{ б } \Delta \text{ б } \sigma \setminus \nabla \Delta \langle \text{ N } \text{ P } \sigma \text{ P } \sigma^{\wedge} \text{ C } \Gamma \cdot \text{ б } \cdot \text{ C}$
 $\text{ J } \text{ J } \langle \nabla \Delta \text{ J }^{\wedge} \text{ q } \sigma \text{ P } \times$

21° $\Delta \sigma \text{ L } \text{ б } \Delta \text{ L } \text{ s } \text{ J } \setminus \text{ L } \text{ P } \text{ д } \text{ P } \cdot \Delta \sigma \setminus, \Delta \text{ L } \text{ N } \sigma \setminus \Delta \text{ U } \text{ q } \cdot \Delta \langle \text{ L } \text{ б } \sigma \cdot \Delta \rangle$
 $\Delta_{\sigma} \triangleright^{\wedge} \text{ P } \sigma \text{ P } \cdot \text{ J } \wedge, \nabla \text{ P } \cdot \nabla \Gamma \text{ д } \setminus \triangleright \cdot \Delta \text{ L } \cdot \Delta \sigma \sigma \cdot \triangleright \text{ C } \cdot \Delta \triangleright \cdot \nabla \cdot \Delta =$
 $\text{ P } \text{ б } \langle \cdot \Delta^{\wedge} \text{ C } \text{ д } \text{ P } \setminus \text{ P } \text{ L } \text{ д } \triangleright \text{ z } \sigma \cdot \Delta \text{ б } \cdot \text{ б } \nabla \text{ L } \text{ x } \text{ P } \text{ J } \Gamma \text{ д } \cdot \text{ J } \cdot \triangleright^{\wedge} \text{ P } \text{ J } \text{ д } \sigma \cdot \Delta$
 $\triangleright \text{ C } \cdot \Delta \triangleright \triangleright \cdot \Delta \text{ P } \text{ L } \sigma \cdot \Delta \text{ J } \text{ L } \Delta \sigma \Delta \text{ б } \cdot \text{ P } \sigma \langle \Delta \setminus \text{ J } \cdot \text{ б } - \nabla \wedge \Gamma \text{ A } \text{ P } \text{ P } \text{ J } \text{ P } \setminus$
 $\Delta^{\wedge} \text{ P } \sigma \setminus \Delta \text{ J } \text{ J } \Delta \sigma \sigma \cdot \Delta \times.$

22° $\Delta \sigma \text{ L } \text{ б } \Delta \text{ L } \text{ s } \text{ J } \setminus \text{ L } \text{ P } \text{ д } \text{ P } \cdot \Delta \exists \text{ P } \text{ P } \sigma^{\wedge} \text{ P } \setminus \Delta \text{ U } \text{ q } \cdot \Delta \langle \text{ N } \sigma \cdot \nabla \text{ L} =$
 $\text{ б } \triangleright \text{ P } \text{ N } \text{ V } \sigma \text{ P } \text{ q } \Gamma \text{ д } \cdot \nabla \text{ д } \text{ P } \Delta \setminus \Gamma \cdot \text{ б } \cdot \text{ C } \text{ J } \text{ J } \langle \nabla \Delta \text{ N } \triangleright \sigma \text{ A } \text{ L } \text{ N } \text{ P } \sigma \text{ P } \setminus, \nabla$

4PΔ.∇.Δ ΔCΠα' ▷ Lσ).ΔUΔ'x

▷ Δαα.∇.Δ): P^Uσ< dC.Δ π^C P b.Δx

Π^C)CJ.Δα 9 J P b U P d C P > \ . Δ d L b α \ π^C b

ΠVσΓC. b \ ▷ P x

1° ▷L ▷ Δαα.∇.Δ): P' ΔCα.ΔΠdαα. P P P^UσL P \ P σ P Δ d α \ Δ \ , Δ P P L b , d C P > \ P . Δ d L b σ α . Δ \ , π^C b Δ = L d . Δ π^C Δ^P . Δ ΠVσΓC. b \ x

2° b ΔL d . Δ ΠVσΓC. b \ , ∇.Δ d ΔσP: b L.Δ P Δ > Γ ∇ b = α . Δ \ , b Δ > Γ ∇ b α . Δ \ π^C Γ b U . Δ d α α x b Δ^P . Δ ΠVσ = σ Γ C . b \ , ∇.Δ d Δ^P . Δ P P > P L . π^C Δ σ Δ b Γ α \ b^P Δ . Δ σ σ . P P ΠVσ P 9 σ P ; ▷ P L . Δ \ b Δ C P Δ P \ Δ σ σ . Δ ; Δ . Δ J > b α α b P Δ P \ π^C b P^P Δ L . Δ P \ x

3° Γ)σ ΔUσC d P . Δ \ P P P^Uσ P P \ Δ σ P b ΔL d . Δ π^C Δ^P . Δ ΠVσ P 9 P \ , P P α α Δ C P \ Γ P . ∇ ∇ ΔCα . ∇ P \ , Δ P P L b P P Δ > Γ ∇ ^ C L P \ x

4° ∇ Δσ J L b σ . Δ P \ b Δ > Γ ∇ b α . Δ \ π^C Γ b U . Δ d α α = . Δ \ , Δ > Γ (σ . Δ \ L σ) . Δ L P α Δ b σ \ : " ∇ d 2 Δ σ P ▷ σ b σ σ C d = P . Δ \ b Γ α ΠVσ P 9 P \ σ . α . Δ σ d \ b C P^Uσ L . Δ \ ; ▷ > , Δ σ P b Δ) ^ 9 P \ Δ > Γ . Δ σ \ π^C P^P Δ L 9 . Δ σ \ x " 1 Π J U , 5 , 17 x Γ α Δ . U . Γ α . C > : " . ∇ > P' Δ C P Γ Π α . Δ . P > = ^ > P Δ P Δ d < σ , P b P 9 L < Δ P C . Δ . , ∇ d L b 9 P Γ σ < d < > " C α C , 4 , 15 x

5° P' ΔUσC d P α α . Δ P P P P Δ > Γ ∇ < P Π σ 9 ^ C . Δ P \ P Γ =



6U·ΔdεΓε·Δ'x·∇ b·9f9J Γε·C >: "Δ·∇ε ·Δ^b-
 ε(Δ ε)Kσ',·Δε 9f·Δ' ∇ N<Δ'?" 1 dN·N>ε,9,7x εL
 ε ΔCρεΔbU·Lσ)·ΔLρεΔbσ', ∇'·ρ>^N': "CρNεL·Δ'
 P^UσΓ·∇·Δ> 7bU·Δdεε·Δ',<CρNεL·Δ' Δ' ΔNεLdρ·Δσ=
 ·Δ·,CΛ^d- b ΔCρ·ΔNb·Δ> ΔσΔ ΔΓ σ^Cε bεσC·ΔPC=
 >,σ^C ΔσΔ b <CPC>·"x 1 dN·N>ε,7,33x P' ΔUσC=
 dρεε· PΓ <CρNεL',Δε',Δ εU<σ·Δε ΔΓ b L·ΔΓ Δ>Γ∇=
 bε·ΔΛ'x

6° ∇ ΔσJ·C' εεΔCJ·Δσσ·,Δ·U· Γε·C >: "εεΔCd'
 ΔσP b NVσΓC·b' σ^C C<UσΓNρ^Cd',·∇ε ΔεΔ <Γ·Δ'
 P' ΔLd·Δ·Δ CΛ^d- ∇ ΔUσCdρΓ' PΓ ΔCΓLΓ' P' ΔLd=
 ·Δ·Δ"x ∇'PΔ,13,7x P NVσΓ9Γε· ΔCρ·∇· PΓ εεΔC=
 ·ΔΓ' 7bU·Δdεε·Δ',∇ Γ·εfσσP Δ LΓεΓ·∇·Δε,ΔC ∇b
 ∇ Γ)σρΓ';·∇ε P Δ·U·,∇ ΔσJL' 7bNρσΓ <Nρ> σ^C
 ΔLρεΔ9·Δ: "ΔLρεΔ9·Δ' σ^C <Nρ>' ΔΛ·Δ' Δ' ΔΛ·Δ=
 σσ' Jρε;Γρ·∇ 9·bε b ·ΔCLC·b' PΓ εbC·∇σCΓ',∇=
 ·Δd εbC·∇σCJ',σ^C)CJ'xLb ·Δε 9 Pε·ΔC<·Γ' Δ)=
 CJ·Δσ·Δ·Δ,∇b·Δε)CJ',·∇ε JΓ Δ·U·Δ',εL L·b)C=
 ·L'" Γε·C LNε,23,2-3x

7°ΔUσCdρ·Δ' 7bU·Δdεε·Δ' ΔρΓ PΓ ·ΔΓΔΓ',∇ Δε=
 Γ∇^CLΓ',·∇ε <CρNσNρ·Δ' Δ' Δ<Nρ·Δε·Δ',Δ Γε LΓΔ=
 ·Δσ·Δ' σ^C Δ ΛLρρ·Δσ·Δ',PΓ Γε)C·ΔΓ' Δσσ·Δ ∇
 ΔLd·ΔσΓ,ΔC LΓσΓdρ·Δσσ· Λd·ε^Λ- Γ9·C· ∇ ΔΓ P·∇



բի զհօճակըն Վ ճճՈՂՏԻ, Վ ԲՅՈՐԻ շօ՛Ր Վ ՀԿՆՍՈՎԻՆ
ՃՆՆ ՎԵ ԵԿՆՆ Վ ՅՈՐՏԻ x L Ե ԾԼ ԵՇ ՅԻԵՍԿՅ ՎԵ Վ ԲՏ =
ՕՎԺՁՏՕՎՆ, ՎԺԻ ԼԵ Վ յՆՍԿՏԻԵՍՆ ՆՃ ԲԻ ԾԻ ԴՁ ՅՈՎՁ =
ՏՕՎՆ, ԲԻ ԴՁ ճճՈՂՁՏՕՎՆ x

9Օ Վ ճՏյԻԵՍՆ Վ ԴՁ ԲՆԲՁՕՎՃԴԺԻՆ, ՃՕՐԻԵՍՕ ԾՏԲ =
ՃԺԼՕՎՆ, ՕՃՁՕՎՕ ՈՆՁՕՎ ԲԻ ԶԻՇՕՎՆՅՅ ԵԿՆՆ ճՅԴՎՕՃ =
ՏՏՕ, ԲԻ ճՅԴԻԳՕՎՆՅՅ ԾՈ, յԿՆ շօ՛Ր ԲԻ ՃՅՍՕՎՅՅ Վ ճՁ =
ԴԺԵՏՕՎՏՏՆ, ՎԺԻ ԼԵ ԲԻ ԾՈՁՕԵՅՅ ճՅԴՎ ԼՏՅԵԻՕՃ x ՁԼ =
ՕՃՁ ԵՇ ճՃԻՇՀՁՆՆՆ ԳՕԵՏՕ Գ ԲՆԲՁ(ՃԺՏԻ Ծ՛ ճՕՎՏԴՏՕՎ =
ՕՎ ԼԻՇՕՃՏՆ ՃՏ, ՀՆՆՃՕՎ Վ ՀՆՇՁՁՏՕՎՆ, Վ ՀՕԵՁՁՁՏՕՎՆ
Վ ՕՃՅՕԵՏՕՎՆ շօ՛Ր Վ ԼԴՏԻԵՍՆ ճՅԴՎՕՃ x

Վ ՀՅՍ ՕՃԻԵՍՆ ԼԺՁԻՕՃՅ 36 x

10Օ ճՏԼ ՍՇՕՃՕ ԼԺՁԻՕՃՅ, Բ ՕՎՇՈՏԺՁՁՕ ԴՁՇՇ ճՁ, Վ
ԲՆԲՁՎԼՕՎՆ Բ՛ ԾԲԼՆՕԳԴՁՕՎ, ԴՁՇՇՇ ԴՏՕՎ, ԲԻ ճՅԴՇՏԻ Լ =
ԺՁՃԵՏՏՕ x ՃՀՁՆ ԴՁՇՇՇ ԴՏ, ՏՀՕՃՏՕՎ ԴՁՇՇՇ ԵՅՁՁ, ՃՀՕՃՅ,
Ե ԺԲՇՇՕՃ ԵՁՕՎՃԴԻՆ x

11Օ ՕՎԲՕ, ԲԻՏՆԲՆ ՃՍԳ, ՕՎՇԼԵՏՕՎՅ ՕՎՆՈՇԲՅՕ ՎԿՆ
ԴՁՇՇՇ ԲԻԾԲԼՆՕԳՕ, Վ ԲՆԲՁՎԼՕՎՆ ԴՁՇՇՇ ՅՃՕՎ, ԾԺԺԿ, ԲԻ
ճՅԴԻԳՏԻ, ԾԼ Վ ՃՀ՛: "ՏԺԺՆ, ճՕՎԺՍ Տ Ե ՁՎՏՍՇՃ ԲԻ
ՕՎՃԴՇՅ Վ ՏՆՅՅ ՃՆՆՕՎ ԲԻՊՆՏԴՇՇՇ Վ ԲԻՀՆՇՃՈՅՅ x"

12Օ ՁԼՈՏՆԲՆ ՃՍԳ, ՃՆՆԴՆ, ՕՎՇՈՏՕՎՏՕՎՅ Ե ԲՆՍՇՀԺԻՆ
ՆՏՏՕ Վ ՅՈՎՆՅՅ ԾԺԺԿ ԲԻ ՁՇՀԼՕՎՏԻ ՕՎՎՏՀԺԻՕՃՏՏՕ
ճՏՃ Ե ԲՈԼԲՇՏԻ ՃՏՏՕՎ, ՎԵ Ե Բ ՆՆ ԲՆՍՏԼՏԻ x



2° 9ab 3 σ' ΔC°: "DL DC", DC° Lbx 7r^ Lb, ∇ VCI
 D7σ°, P LL^bUσC°, P ΔU° Lb ΔσΔ b σ^ΛeΠd': "C·V
 P° ΔΠe·Δ°, Γ7r bC VFI Δ)U·Δ' ·Δ<σ' σ^C abVΔσ'
 DFI, σ^C bC ·ΔCΛ7·Δ' Δ'PQL σ^C ΔhΔb σ^C 7d<, PFI
 Pσd·Δ DPL·Δ·Δσ'x Lb ΔσP b D·ΔσΓσΓσd' Δσ∇σ ·
 DPL·Δ·Δσσ°, bC ·Δe·Δ·∇Λeσ·Δ·Δ' Δ'C ∇ Δσ PFI
 ·ΔσΠΛ^bσ'x∇dC Lb 9 ΔC·b' L)·Δ' σ^C 9 Δσ L·U=
 ΔΛUσeσ·Δ' "x 7r^ Lb P ΔU° e)Cσ·ΔPL·Δ: "P·∇ Δh
 ·7r b Δσ C·VσC(L', ∇d 9 Δσ DCb·Δ> x D' Δ)°9e=
 be Lb P Γ·eσΔbσ·Δσ·Δ ∇d 7·b = ΔσL Π<Δb > ΛrJb=
 σ'x Γe·C LΠ<, 8, 5, 13x

5° Δe e)Cσ·ΔPL· DFI·beΛ·∇· DFIσ' 7r^, ∇ ·Δ=
 sb<·ΔσFI D' ΔσΠh·Δbe x σe Δ)°9abe' b P VFI ·Δ7=
 ·ΔFI' e)Cσ·ΔPL·Δ, b>Γb<·Δ·Δ' DCe' D' DPLΓ·Δ·Δx

6° ΔσL δC' P°P·e·Δ<Γd'·Δ', b LrσΠCσ·Δ' b ΔΛ=
 hσ' Lrσr·Δσ', eLΠσ' ΔU9, ∇·Δd Γe·C ∇T4Δ', h'σ>
 DPL·, ·ΔΛ^Π·P>·Δ^P'x ∇ P LrσΔ' 9-DCΓσFI D' Δ=
 2°9abe·P ΔdC· ΔC L·Δ = b Δσ Γ·eσσ' ∇ Λ^PLσ'
 D PFI ·Δ^bΔbσ° σ^C P LL·Δ L·Δσ∇· D' Δ)°9abe, ∇
 ·Δ <U ·ΔCL·Δ'x DC Δ>ΓCσ·Δ'·e b σbσC·b·P ΔCσ=
 °∇·Δe b P LrσΔbUPx

ΔCσ·∇·Δ' PFI Δ>Γ∇·ΔΠrσσ·Δ'x

1° Δ>Γr9' ∇ PPr<>' σ^C ∇ DCdσ'x



• Δ / PFBΓ\ x P5^A > Lb PFF LFFP^b d> , Lσ5 Δ•ΔPU Γ =
 • εJ > PΓ ΛJ9> > ΛLΠP•Δσ\ ∇ L^P> > , Δ^Λ - ∇ Δ>> >
 σ^ ΓFF> , PΓ ΔJU> > LΓΔ^dU\ , ΔσL Δ^dU\ ∇b•Δ^b / 9
 Δ^C•∇\ , ΔC ▷ LσJ.Γ•Δ•Δ ∇b 9 σΛσF , ϖ^C Δ^dU• ∇b
 9 Δ^C•∇\ x P5^A > Lb PFF LFFP^b d> , Lσ5x Δ•ΔPU Γ =
 • εJ > PΓ ΛJ9> > bP9 ΛLΠP•Δσ\ ∇ L^P<σ> > Δ^Λ - ∇
 Δ>> > σ^ ΓFC ; PΓ ΔJ•∇Λσb•Δ> > LΓΔ^dU\ , ΔσL Δ^dU\
 ∇b•Δ^b - 9 Δ^C•∇\ , ΔC ▷ LσJ.Γ•Δ•Δ ∇b 9 σΛσF ϖ^C
 Δ^dU• ∇b 9 Δ^C•∇\ x P5^A > Lb P^P5\ LFFP^b d> ,
 • Δε•ΔΛC x Δ•ΔPU Γ•εJ > PΓ ΛJ9•Δ / ▷ / ▷PL•ΔΔσ\ P2=
 LσJ , ∇ ∇>•b\ P^P5\ , ∇^Λ - ∇ Δ>> > σ^ Γ^P5•b , PΓ ΔJ
 •∇Λσb•Δ> > LΓΔ^dU\ , ΔC ▷ LσJ.Γ•Δ•Δ ∇b 9 σΛσF ,
 ϖ^C Δ^dU• ∇b 9 Δ^C•∇\ , •∇> ΓP•∇ C) 55P•ΔF9•Δ >
 bC J•ΔΔbU• J•ΔCb > ▷F x J•ΔCb > Γ•εJ > , Lb P5^A >
 J•ΔCb > Γ>εC•9 , 9•b > 9 ▷F J•ΔCbeΔΓ? > Δ>\ J•Δ=
 Cb > PΓ ΛF^b d<\ ϖ^C Δ>\ b>ΓσCJ•Δ > Γ•b> ∇C<\ *
 Γ•εC L^> , 9 , 37 x "∇d Λ∇F L•Δ>δεΠd' <ΠP> ϖ^C ΔΠ'
 ▷L>εΔ9•Δ , ΓP>Γ^ ∇ ∇FΔJUσF x Δ^Λ Lb •ΔΔCLF\ ΔΠ'
 ▷ P^PεΔL•Δbe ∇ . J•ΔσF Δεδε•Δ ∇b ∇ <εPFFσF , ∇•Δ=
 δ ∇b ∇ bPFFσF , P Γ^b•L\ 9 ▷F Δ•σLFF\ , ∇> <ΠP>\
 ϖ^C ΓP•∇ J CΔσσ•Δ\ , P5^A > ∇b ∇ bPFFσF\ ΓΓ•C• , εL=
 •Δε ΓFF•Δ\ , ∇ C•9σC•LFF > P^PεΔL9•Δσσ• b σbσσ=
 CδPσF x Δ^Λ Lb UdJ•b•∇ ΔC b ΔJ ΔCΓ)εσ•Δ\ ▷F , P=



/d V> \ LbV>b > aL+Δa bC ΔU<σ+ Δaσ+∇+Δσ\ Δf,Λσ+
 >Δ ∇ L+Δf ΔΛ^UσC+bp Δaσ+∇+Δa σ^C q Δf P^P_ΔL=
 +Δ+q Δσσ+Δ,∇+Δd L+Δ- q ΔΛ^UσCδr/ Pfpδ+Δ ΔPL=
 +Δ+Δσ\ x Lb Δ+∇a q NΛ)C]o q σ^C P^P_ΔLq+q,∇+Δd
 q P^CPLbσ+Δ/ Pfpδ+Δ ΔPL_Δ+Δσ\ x +∇h P/ ΔNa+Δ+
 ,P^σΛ> ∇b Δ+ΔfU P^UσC+bx P +b>^PCN/Δσ+Δ+ Δ^Λ-
 Δ L^aΔq+Δ\ σ^C <N/ > Δ +b>^PCN/Δσ+Δ+,aL+Δa P
 b Λ)ba+Δ+ Pfpδ+Δ ΔPL_Δ+Δσ\ x P P VUa+Δ+ ∇ P Δ=
 +Cσ+Δ\ b>^: "∇b+Δa P b σ<Δ+Δ>" σ^C Δ+∇a q σ<=
 Δ+∇+q bC aσhσr/ P/ N<^da bσ+Δ/; Lb σa P/ ΔNa+Δ+
 "Δ+∇a 2^+b- q Pδ+Δr^C+Δ+q +Δf+a,bC aσhσr/ P/ P/ N<^da bσ+Δ/;
 Δ+∇a Lb q ΔC+q +Δf+a: Gb,bq<N^,bC aσhσr/ P/ Δ)CΔ/ ∇ C^CLΛσf ΔN<^dσq+Δx Δ+∇a Lb
 q+ΔC+q: "Pa P^+q b>," bC aσhσr/ P/ Δf+∇Λσ/ Lf=
 Δ^dU\ x∇+Δd +∇f, P^σΛ> VC>σ P Γσ+∇+Δ> <PfbΛ^d\ a bC Δ>C P Γσ+∇+Δ> ΔN^+b+ <PfbΛ^d\,∇dC Lb Δf
 P^P/ > P/ > +Δ<^ ∇ Δf ΔUσΓ^, P)U Lb,σ^C^ Γa
 Δ)UΓ^ P/ >,∇d Lb V/ <P)σq P <P)σq+Δ> x+Δ Γa Δ=
 Δ)UΓ^ Δa b a<C+∇σΓ^ +Δ<-,7+ b- ∇ ΛΓ+Δγ+Δ>; P^σ=
 Λ> ∇b,Δa b a<C+∇σΓ^ P b <P)σ\ ΔN<^dσq+Δ Δf/σ\
 ΔN<^dσq+ Lb P b <P)σ\ Ldσq+ΔPL+Δ Δf/σ\,∇d Lb
 P<Δ)ΔbΓd\ q Δf +∇Λσb+Δ> xC+V P/ ΔN>,aL+Δa Δx
 C P b Δf +Δa+Δ>, <NL Γr+∇ P N<Δq>^; +Δ+Δ- Λσ+



-P = 2020A^dS^x Γ. C L N, 5, 17-26x

4° D D dCP > D / Δ. U. Δ. e 7P^, <U P^ qσΓbU. ∇ PΓ
ΔC^>ΔN(C\ PΓ ∙ ∇Vσ(L) > x "∇d ΛU, Λ∇Γ eC/xP Δ. U.
Lb: ∙ UVσΓ q >, C > C. C. σΓ > q. <σ) C. Δ', q ∙ ∇VσCL =
. < Lb? Λσ^ σ. > > e? "7P^ ΔU: "P / ΔN, eL. Δ. e Λ =
σ^ σ. > > Λd, Lb Λσ^ σ. > > ΓC e. <. σ. > > x ∇. <d DΓ
? PΓ. Δ. Δ DPL. Δ. Δ > Δσ. e. b > CΛ^d = PΓ DPL. ∇ ∙ Δ <P =
C. L / Δσ d \ q N <QL d^ < > D / < > ^ q a b σ L Δ^ Λ Lb Γ <Γ
<P C / , v > \ P v C. <b σ. < >, q. N <QL d^ < > Γ C. C. PΓ Γ C) =
ΓC e. C > C, ∇ b Lb q. b σ. ∇ < > / q P DΓ N <QL q / x D /
D P L L P ΔC^ ∙ ∇ σ. < > PΓ <C. <b σ. < > Δ / σ^ C ∙ Δ. < σ^ C D /
<. < Δσ Γ > σ^ C Γ P. ∇ q. b σ. b N Λ e. ∇. Δ P / , ∇ d C PΓ P DΓ
N <QL d / x <. < < Lb < > ^ q a b >, P < P σ >, ∇ D N C Λ^ C. < < / , ∇ Δ =
. U / : "UVσΓ q >, ∇σ e. ∇ Δ >, ∇ d Lb Γ P. ∇ q N <QL C > x ∇ d
Δ e < > ^ q a b > D / D P L L ∇ P N L q σ Γ d / , P < < D d Lb σ^ C P
. ∇ V σ C L d Γ P. ∇ D L P Δ b > x Lb ∇. < d < > ^ q a b > ∇ ∙ Δ e =
. Δ / , P Γ^ b. ∇. v > \ ∙ Δ Γ < > ^ q a b e b P Γ P Δ L d^ < > Γ =
C) ΓC e. 2020A^dS^x P D N N σ. Lb, ∇ h P d C^ ∙ q a / , ∇ Δ =
C / Lb: "N <QL ∙ Δ > < σ L b L P Δ L ∙ Δ > > "x Δ e ∙ Δ Γ < > ^ q =
e b e P < P σ σ. < < > D P N \ ; P e) C L d Lb, ∇ Δ N d / : "∇σ e. ∇ =
Δ >, ∇ d Lb Γ P. ∇ q N <QL C > ", eL. Δ. e Lb ∙ Δ > C e x Lb P
Δσ ∙ ∇ Λ σ. P < < > ∙ Δ b Γ d \ Λ σ^ PΓ N <QL Γ σ Γ b L P Δ L d / x
Δ^ Λ Lb ∙ Δ Γ < > ^ q a b e ∙ Δ < < C Γ σ Γ b > Γ b U σ \ , e^ Λ - P Γ =

Γα·∇ρσ·Δ, Ρ ∇Γ ·ΔCL·∇σ·Δ Lb Δ' ΔPLΓσ·Δ, Γρ·∇ b
 ΔΓbUσ·x ∇d Lb Δ' ΔPLL Δ^A b ΔΓd', Ρ ΔΠd: "Ρα
 LΓ ΔJ^qab>, Ρ Ρ ·∇VσCLΠ> Γρ·∇ Ρ LρaΔb>, ·∇h Ρ
 Ρ ΔJCL·Δ>, ΔL Δ ρ^C Ρα Ρ b Ρ ΡNLΡα·ΔCΔ ΡΓ ΔJ^=
 qab> CΛ^d- b Ρ ΔJ ΡNLΡαC>?" Δ' ΔPLL Lb ∇ ΡJ=
 ·ΔρσΓ Ρ <ΡΠσd ΔαρbΓΔ·∇·Δ ΔΓΓσ·, Λσ^ ΡΓ. Π<Δ> Δ
 LρaΔb>x ∇d ρ^C ∇h·b> ΔC·Δ ΡΓΡJd· b ΔC' q ΔJ
 ΔCC·b·, Ρh^A> ∇b ·∇VσCJ·∇·b·∇ ΡUΔ·Δ> ΔΓ, ΡΓhσ=
 ·Δ·Δ> ∇ ·Δσ)CC·b·x Γρ·C LΠ<, 18, 21-25x

5° ΔσL Lb Δσ·Δ> Ρ' ΔUσCδρaα· ΡΓ ΔC·Δ·b<xΔσ=
 Ρ b <·CΠC·b>, ∇^dΔ ΡΓ Γρ)C·ΔΡ· Δ^A ΔΔ<σq·x

∇ <hU σAΓbU· Lρaρ·Δ> 40x

6° ΔσL b ΔAσ· Lρaρ·Δ> ΡΓσ^Ρ· ΔUq, ·Δ<Πσ·∇=
 Lb> Γρ·C ρ^Πq>, ·ΓΓ ∇ ΔΠ σ<Δ' ΔhΓ∇·Δ> ΔΓxΡ Δ=
 C·∇· Δ ·ΔdLba ΡΓ ΓασΓ ρσ>α ΔσΔ b σ<Δd'·x

7° ΔσL b Γh· Lρaρ·Δ> ·ΔΠσ·∇Lb> Γρ·C ∇Πh>,
 L·ΔΓ σ^C· Δ·∇α b Ρ σ<Δ' ΔhΓ∇·Δ> ΔΓ; Ρ Γρ Ρ^=
 Ρ·σ·Δ<Γdρ· Cρ q ΔΓbUP<> ∇ ·∇VσCL·Δ·b·Δ<> b <·b=
 ΠC·b·x ∇ ΔΓΓ·bαΛ', ∇ C^CΛ' ΡΓΡJd·ΔJ, Ρ <dγσΓ·
 Γρ·∇ ρ(CΔCσΓ Ρ2Lσ)·Δ b L·ΔΓ Γ·αJσσ· ΔhΓΓq·Δσσ·
 ∇ Δ<ΓC' ∇ ΔhΓ∇^L·Δ' ΔσΔ J CΔσσ·Δ b <Λ·LρaCΔd'
 ΡΓ σ<Δd'·x "UVσΓq>, ∇b·Δα ΔΡCL·Δ> ΔΓσ· LΓ·C·Δ=
 σσ·x ΔJΠh·Δbα· Δ' ΔJΓq·Δσ·Δ·Δ; 7, 59x qCC·Δ· Lb



▷C d 5 \, P. P. < 5 Γ ∇ ^ C . Δ / Γ ∘ . C Γ σ , P P . ∇ Λ σ b σ . Δ \ ∘ ^ C P
▷ N σ b U \ Γ ∘ . C ▷ b σ ^ N . Δ , Δ P P L b ; P P ▷ S P b U P . Γ P . ∇ a =
a b . a ∘ h σ P . Δ a x

6 ° Δ σ . Δ \ L b ▷ L , a C . ∇ σ C d P . Δ . ∇ a P P a ∘ b P Δ N P / ,
∇ h Δ N / L P L σ) . Δ \ s d P Δ d . Δ \ Λ d < 5 Γ P q . Δ σ σ . ∘ ^ C σ =
b P . Δ σ σ . x ∇ . b ∘ ∇ . U / P N V σ P q Γ a . x " V 5 \ L b Δ σ P Γ 5 L =
. Δ Γ P P P \ ▷ P , ∇ . a ∘ . q . Δ S Δ / , P . Δ . U . : " q ^ P ∘ Δ L q 5 , P
P V C L N) σ d P ^ b Λ P ^ b d / ∇ b b σ C . ∇ σ P L P L σ) . Δ x Δ a
Λ d Δ C . ∇ Λ σ d P , C) Λ P d , Λ ^ U . Δ C] L b , ∘ ^ C L L . U 5 Λ U S ,
Δ N a 4 s . Δ P . L b x σ P . < 5 Γ Δ . Δ P P ^ P ∘ Δ L . Δ b a \ P P . Δ =
a . Δ . ∇ Λ a P \ , a L . Δ a L b P b ^ P C . Δ \ " x ∇ a ∘ . q . Δ S Δ / , P
Δ U . : " ▷ ∇ b ∘ ∇ C . V 4 σ C] . Δ σ 4 \ b Δ σ ^ q Λ L N P 4 \ , C) Δ σ =
d \ q . Δ 7 . Δ C . b \ ? C) Δ σ d \ q Δ σ Γ Δ 4 \ ? V C . Δ) σ a x P
V C . ∇ . Δ \ L b x Δ ^ Λ ∇ . Δ Δ < Γ d / , ∘ C 4 \ L P L σ) . Δ P Γ d ^ b =
P Δ d ,] ^ C ^ b Γ \ P Δ S < P S , ∇ . q ^ . q N Λ < σ Δ / L b P Λ U =
. Δ C] x P ^ b . q P 7 . L b ▷ C . Δ σ . Δ C) Δ σ d \ Δ ^ Λ) ▷ L . b P =
N N d / x P Δ . U . L b : " ∇ Δ . Δ S S . Δ / ▷ P ; Γ P . C . L b L J ^ U =
. ∇ Λ σ d ∘ ^ C b < ^ U . ∇ Λ σ d P P . σ S . Δ a P Δ d / x P 5 ^ Λ) P] C] =
∘ Δ a , ∘ Δ P Δ a , ∇ P N L q σ Γ 5 \ " x P P ^ P Δ U . : " P 5 ^ Λ) - q P
C . V C] . Δ ∘ , Γ P . ∇ q . b) ∘ ∇ P < σ σ . Δ a ▷ P b C . V 4 σ C \ " x
. C 4 \ , ▷ C . Δ 5 Δ a a V S ^ P U . V σ . Δ ∇ ▷ P b . Δ Λ σ P , ∇ Δ . U =
σ P : " σ C . V 4 σ U , U V σ P q 5 , ∘ Δ P C σ / Δ . ∘ C] . Δ) " x Δ ^ Λ
P P ^ ∇ . ∇ Δ C L / Γ 5 L . Δ Γ P N σ P Δ σ σ . Δ , ∇ L L . Δ Λ Γ < C σ P ,

P PDU • ΔσΔ b • ΔσΛρσρ LρLσ) • Δ, ∇ ΔC': "∇b • ∇ρU=
 > > ρ^C ∇b ρC • Δ > > Lσ), P' ΔCρ • ΔΠΠ > Pρ Vρ • Δα • Δυ=
 b • Δ', ∇b Γα ρ^C Pρ Λ) ρ^b • Δ' x LρLσ) Lb, ∇ U • V' ρ^C
 ∇ • Δρ C) ΛC', P Vρ • Δα • Δ^b • ∇. P ΔσΔρσ • Δ (Λ^=
 d = Δ • ∇α ∇ σΛ'; b Δρ Δ • Uρ \ Γρ': "σΛ • " x Lb ρρ^ P
 ρPρ ρ • ρ^C P ΔΛρ •; ∇d • ∇σ^bσρ x Δ^Λ Lb b Λ) ρ'
 • Δ^b Δbσ \, Δ P^P ΔL • Δbα P J = P b • ρρΓd: "CρP, σαα >
 ∇b • ∇ρ P • Δα • Δ • ∇Λα P' ?" P ΔU • Lb: "ΔL) • Δ αL • Δα
 dC \ ρ • b > • Δα • Δ • ∇Λσd, Λd Δ > Γρ ρ • Δ > ρ^C σbρ • Δ > " x
 Γ • C L^ \, ρ, 16-28 x

6 • ΔσΔ Δρ: ρ • bα b • ΔρC J Lb P Λσ • bΠρ • Δ >, ∇ • Δd P=
 ΠΓ • Δ >, Lρ Lρα Δbα, Lρ Lραρ • Δα, Lρ σb J • Δα, Lρ • Δρ) =
 • Δ >, ΔρΓ ΓσPρ • Δ ΛLΠρ • Δ >, Δρ: ∇ Γ • ασP • Δαρbα, Lρ
 ΓC • ∇ • Δ >, σΓ • Δ > ρ^C • ∇ρ Γ^C Δ ∇ Γρρασ • Δ \ ρ^C ∇ Γ=
 σ • bσ • Δ \ x
 ∇ < > U • ΔρbU \ Lραρ • Δ > 41 x

7 • ΔσL b Γρ \ Lραρ • Δ > • Δ < Πσ • ∇Lb > b P σ^P > U d =
 < ρ Δ^P, ΔC Γρ • ∇ Δσσ • Δ \ b Δσ σσ • ΔαΠρρ \, Λd Δ Δ
 V > d Uα P ΛLΠρ • Δ \ ρ^C (x P ρLσ) P VρΠρ ΔC ΔC Δ^P \ Δ =
 σΓ • b b^C UσC • bσσ \ P • ∇ Π < ΔL ρ • Δσσ •, ∇ • Δ ασbρ Δ'
 Δσσ • Δ x • ∇ρ Δσσ • Δ \ P Δ < ρC • Δ \ Γρ • ∇) • Δ ααb • Lρ • C=
 • Δα, Δρ: Lb, Λσ • bΠρ • Δ > x Δ Δ b Γ • αΠρ' ρ^C b • b > ^P =
 Π', P' ΛLρ Δbσ • Δ > Γ • b - Γρ • ∇ dC P > \ Δσσ • Δ \ b σ^C < =
 • ∇ρ \ x • Δα ΓσρLσ \, P ρLσ) • Δ b. P ΔCρ • ΔΠd' Pρ ΔσC'

2010, 6 0^C 7x

8° 404 d(CP) 0^C b 4A5P Lp2p04e, 40L UC04-
04N00vLb > v 00040CP 0^C dL2, 4^dU0 v P004^
04^d^ DfXP2L0) P 00040fC: DD 00 4C04e, 0v4 40C
A0 40004^ b 4C090^ P 0^P0^b04^ 40^ b0004000 0^
4^040^ D)0L, v 004000400, P 4L04b004004x v P 0b=
0 04CLd^ 4^2004, P 0bC 0^C, 400 0404 0^C D004,
0^0 L0 P004000 4^dU00x 0^ D 04PLb0 P 40 09^=
P00004 4A^d- 004C0b, v P 404^ Df, 4C v P 04C=
Ld0^ 4^2004 v b P0 4040CP^ 404 b 40U0P 4C04e x
2010, 19x

9° b 4A5P^ Lp2p04 > P000P^ 4U9, 04Lb004^ 4^=
0^ v 00^ D000^ 404 L0 4^0904 C00, b P L0 4P4^
0^C L0 0^U40L^x DL L0 0^U40C04000 P 4^A0 L^b=
0d D 0)000b, P0 04CL04^ 40L bCL904, D^000000=
04 > v P 00v000P 00L^b040^0^x000, 40L v vC^, P
)C0 P0 b^P000U0^ D^00000 0b- v 0000, v d Lb v=
000^ Df00^ 40^0040004 b 40b0d^x P 900004^
400 Lb P 00040004^ P0 P000000 40000000^x D=
00^d00904^, 16x

10° 40L b 4A5P^ Lp2p04 > 04L00^ 4U9, 04N00vLb >
00 Dd04 0d^, 00D > 0^C 0^ v CbL00 0^0 P0DPL04 b
P L0 0d0400 040000900404 000 400 04e, D004004

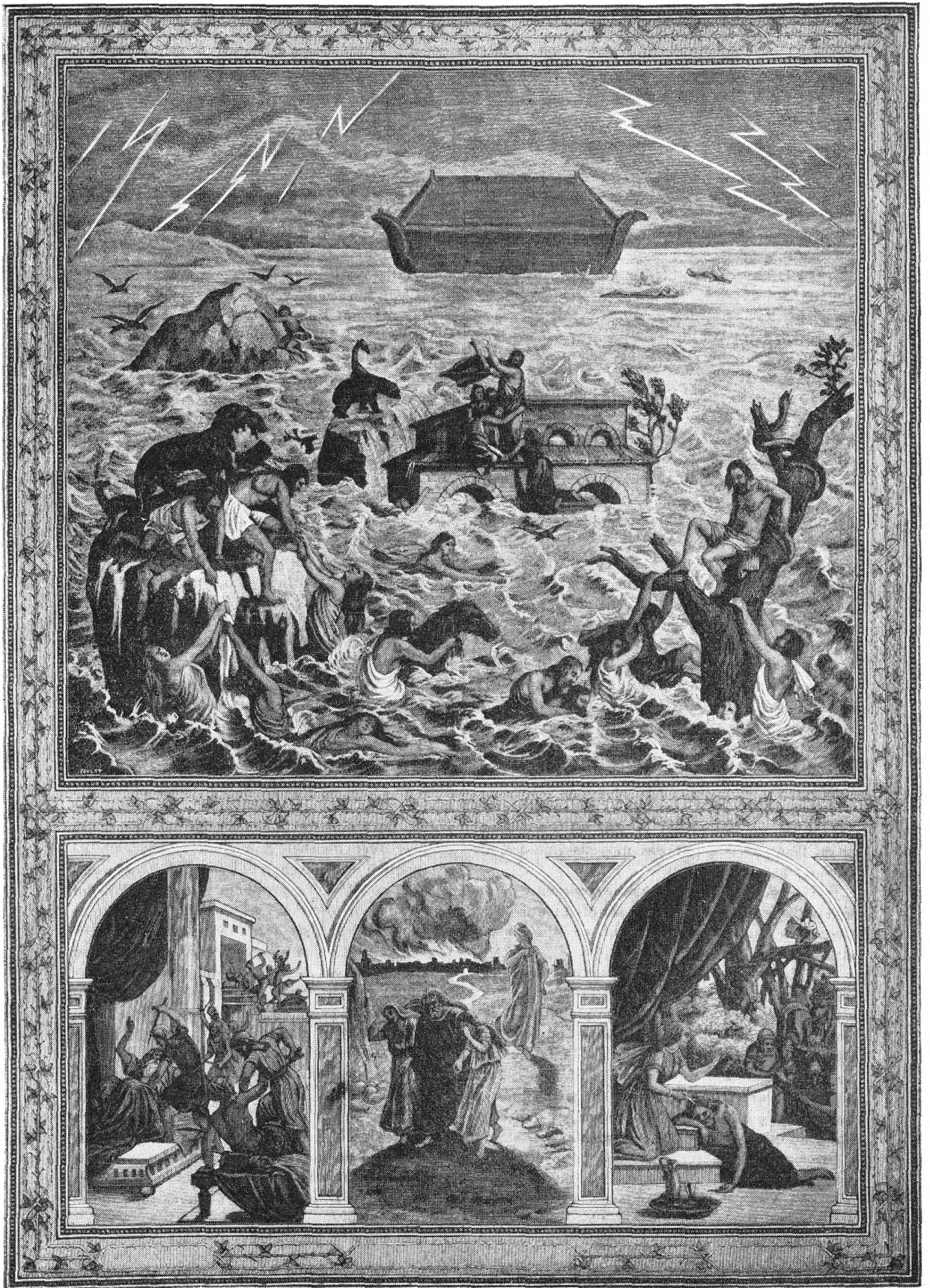
$\Delta \sigma_L < \wedge (\Delta) \cdot \Delta \rightarrow b C \triangleright \Gamma P^{\wedge} q \sigma \Gamma b U \cdot \nabla \Delta C P U \setminus \Delta \sigma_L q \cdot b \sigma =$
 $b \rightarrow b \triangleright \Pi \sigma b U \setminus x$

5° $\Delta^{\wedge} b \cdot \Delta P \rightarrow, \Delta C \Gamma \gamma \cdot \Delta - \alpha^{\wedge} \wedge - \Delta \wedge \gamma \cdot \nabla \Gamma \downarrow \Pi \alpha \sigma \cdot \Delta \setminus,$
P r $\Delta \Pi \Delta \gamma \alpha \cdot b \rightarrow C \wedge^{\wedge} d - P r < \wedge (\Delta) \cdot \Delta \rightarrow x \nabla \cdot b \rightarrow \nabla P \setminus \Delta^{\wedge} \wedge \Delta \alpha$
b P $\downarrow C L / \alpha^{\wedge} \wedge - \nabla d \rho d L r C / b \cdot \Delta \sigma C / , \sigma^{\wedge} C \wedge d \Delta^{\wedge} \wedge \nabla U =$
 $\sigma C \setminus \Delta \cdot \nabla \alpha \Gamma q \cdot C \cdot P r P \downarrow \Pi \gamma / \wedge \sigma \cdot \Gamma^{\wedge} C \Delta P r \Delta^{\wedge} < \sigma \sigma \setminus x$

6° L r) C : $\Delta \cdot \nabla \alpha b b \alpha \cdot \nabla \sigma C \setminus \nabla b b \triangleright \alpha \rho \cdot \nabla \sigma C \cdot b \sigma \sigma P \Pi =$
 $\wedge \alpha \cdot \nabla \cdot \Delta \rho \cdot \Delta \alpha :$ 1° P r $\gamma \cdot \wedge \rightarrow \triangleright \Pi \alpha q b P P \downarrow \Pi \cdot \Delta / q \cdot b \sigma \cdot , 2^{\circ}$
P r $\gamma \cdot \wedge \rightarrow b \nabla \Gamma^{\wedge} b \downarrow \cdot q q \cdot b \sigma \cdot , \nabla b b b \cdot q P \cdot \nabla \Gamma \alpha / , \nabla \gamma$
b $\cdot P r C / , \Delta \sigma \Delta b \Pi \wedge \alpha \cdot \nabla \cdot \Delta \rho \sigma \Gamma , 3^{\circ}$ P r $\gamma \cdot \wedge \rightarrow \nabla b \cdot b \gamma^{\wedge} \setminus \Delta < r =$
 $\Gamma U \sigma^{\wedge} C \wedge d \nabla b P \cdot \nabla < P \Pi \alpha q \Gamma \rho \cdot \nabla \Delta \sigma d \setminus \Delta^{\wedge} C r d \rightarrow b P \cdot \alpha =$
 $\Gamma \cdot \nabla \sigma \Gamma / P r b \alpha \cdot \nabla \sigma C \setminus ; 4^{\circ}$ P r $\gamma \cdot \wedge \rightarrow \Delta \sigma \cdot \Delta \setminus \Gamma^{\wedge} C \Delta \Delta < r \Delta U$
 $\triangleright / \Delta \wedge^{\wedge} q \alpha b \alpha \sigma^{\wedge} C \wedge d \Delta r \cdot \Delta \alpha \cdot L U \triangleright \Pi < \Delta L \cdot d \rho \cdot \Delta \sigma \sigma \cdot \Delta , 5^{\circ}$
P r $\gamma \cdot \wedge \rightarrow \cdot \nabla \wedge \alpha q b P L \rho \alpha \Delta q / \nabla \cdot \gamma \wedge q / x$

7° L r) C : $\Delta \cdot \nabla \alpha , \gamma \cdot b - \nabla \downarrow C \cdot \Delta / \cdot \Delta r \Delta \sigma \sigma \cdot \Delta P r \cdot \Delta =$
 $\sigma C \rho \sigma \Gamma :$ 1° P r $\gamma \cdot \wedge \rightarrow \sigma \gamma \cdot \Delta \alpha \Gamma C \cdot \Delta \cdot q q \cdot b \sigma \cdot b \Pi \wedge \alpha \cdot \nabla \cdot \Delta \rho =$
 $\sigma \Gamma , 2^{\circ}$ P r $\gamma \cdot \wedge \rightarrow \Delta < r C / \nabla b b \cdot b \gamma^{\wedge} q \sigma C \cdot b \sigma \sigma P \downarrow C \downarrow \cdot \Delta \alpha ,$
P r $\triangleright r \Delta / P r b \cdot P r C L \rho \sigma \Gamma b \triangleright \alpha \rho \cdot \nabla \sigma C \cdot b \sigma \sigma \setminus b \cdot P r C L \rho \cdot \Delta \sigma \sigma$
 $\nabla \cdot b \rightarrow \nabla \gamma \cdot b \rightarrow \cdot \Gamma \Gamma \nabla^{\wedge} \wedge \Gamma < \wedge (C) C \setminus , P r \gamma \cdot \wedge \rightarrow \Delta \sigma_L \cdot \Delta \sigma C \rho \cdot \Delta \rightarrow$
 $\triangleright r < \sigma q < \wedge P \sigma^{\wedge} C \wedge d \Gamma \rho \cdot \nabla \triangleright L r) C \downarrow \cdot \Delta \triangleright r / , \sigma^{\wedge} C \wedge d \nabla \cdot \Delta =$
 $r \Delta \cdot \nabla / \wedge d x$

8° $\Delta \gamma \Gamma C C \triangleright L \Gamma \rho \Gamma \cdot \nabla \cdot \Delta \rightarrow \Gamma \rho \cdot C \downarrow \rightarrow < \Pi^{\wedge} / b P \Gamma =$
 $\alpha / \Delta \sigma \Delta b \nabla \Gamma \cdot \Delta C L d / \nabla P \cdot \Delta \sigma) C \cdot \Delta \sigma \Gamma \cdot \Delta r \cdot \Delta \sigma \sigma \cdot \Delta x$



PZΔσσ•Δ' JΛ, ∇b ∇ •ΔΛ' ρ•C ∇ PNL Pμ', ΔC ∇ P' NΛ=
 α•∇•Δρ' ∇>•b•Γ•CΔ Γ•Pρ•Δα, α•Λ- Γ•CΔ Lb ∇ P P=
 2•Δ)C9' xΔ •ΔPLbα P αC•∇σCδρσ•Δ P P Δ<Nρσ P P P
 Δ P ΛL Nρσ, Δρ P b Δ'•ΔJσ•Δσ P Δδρρ•Δ•Δx ∇ P Γσ' ∇>=
 •b• ∇ P Jbσ' Lσ•bσ, ∇ VC•Δ' Lb ∇ P)σ P, •C4' P Δ=
 •U•: "∇•bΓρ', L•d- b P JNασ•Δσ•9xαC•Δ P•∇ Γσδ'
 Δσ P b NΛα•∇•Δρ', •∇h αL•Δα Δασ•∇σC•b' P P Γρ>
 ρ•C Λδ P P hΓαL' 9•b' P JN•Δσ> b Δ P<σ' x)Λ, 2, 21x
 10° ΔσL b Γh' Lραρ•Δ' •Δ<Nσ•∇Lb' Δ σΛ•Δ' Δb•
 Δ'σ∇σσ•Δ' Δ P P Δ P LΓ•Δ•x P αC•∇σC' P P NΛα•∇•Δρ'
 ∇ Γ•d)αL9', ρΓαNδ σC•Δ P P bσσ• b NΛα•∇•Δρσ P' ∇>
 Δσσ•Δ, αC' ∇ ΔJσbρσ P xΔσΔ ∇σ•∇' αL•Δα Δ P hVσCΓ=
 σ•Δ P P <P NαΓσ P ΔC•Δ> Δ NΛα•∇•Δρσσ•x ∇ J P Γδ' Δ
 •Δ P Lbα, 7hVC, α•Λ- ∇ L P•Cσ P Δ••9•Δ, P)C•∇• ΔσΔ
 αC P P σ<ΔΓ P, ∇ P α•P LΓJΓΓ P x ∇δ b Δ NαLρ' Δσ P σ•
 ρΓαNδ σC•Δ P P bσσ•x Δ P P•ΔΔ9• ∇σ P αC•Δ<Γ• Δb<, ρ•C P ΔU•:
 "∇δ ∇•U' Δ N Vσ P 9•: ΔC Δ N•L' b ΔJ α=
 •bCΔ P' Δ Γδσ• αC, ∇δC ρ•C P α; 9 α•bCΔ P' P Γδσ;
 3, P P Δ P L•Δ', 21, 19 P Δ••b ΔσL, ∇ α)Cσασ•Δ', Δb• P
 Δ)U• b ΔJ L J 9•Δ', Γ)σ ∇ P Δ P α d Δ N ρ', ∇ Δ U σ C' ∇ b
 P P σ P C•Δ α•Δ b σ•Δ' x L b, ∇ Γ•b•Δ Δ' C σ' Δ b' h, P Γσ=
 Nδ •Δ' P b σ' x ∇δ L b ρΛ' x Γδσ• b P Δ C J b•Δσσ α Δ Γ α
 •h b σ b N δ•Δσ' P α•bCΔ P σ•Δ Δ N•L, CΛ•d- b P σ b σ Δ=

PΠ·∇·9 ΔσL b ▷C>σ' dCP,, <·vα, <·vα 9 ΓσC\ Δ·∇α
 b ΠΛα·∇·Δρ<ι?αLU· Δ) ^9αb > 9 P Δ) ^b·Δ' σσ ▷PL=
 ·Δ; ·∇h ∇h\ bC <·bU· σ^C dCP> bC· hρ∇· σ^C Λd
 ∇h\ bC P^Uσ7·, dCP> Lb bC ΔC·∇σπ·xαL·Δα P b P
 Δ) ^b·Δ·Δ· (Λ^d-, P2Lσ) σ^C ΓσPρ·Δ>xΓσ·C >, 16,
 9-13x

3° C·C· 9 Δ^<σ\ ∇ PΠασ·Δ\ ∇ ·Δσ)C bσ·Δ\, d=
 CP Δσσ· ▷ ΠΛα·∇·Δρ·Δ> bC P·∇ Π<ΔL·Δbσ·Δ<>, ·Δ=
 <- Γ)σ ∇σ b^PCσ·Δ\ σ^C bC ΓhΔL·Δbσ·Δ<> ∇h·b>
 ∇ ΔCP C\ ΔσL ·ΔσCρ·Δ> ▷r, b ▷r<σ\ σ^C Λd b Δσ^=
 9<σ\ ·Δσ)C]·Δ> ▷r x

4° ▷L)·Δ P·∇ <PΠσ9·Δ>, P5^Λ> 9 P)r bU·9, Γ)σ
 L·bΛσ·∇bL>; ·∇h Λσ^ σ^C <NL P ▷σCσ·Δ9 σ^C Λd
 ·∇∇σr bU·xb P Δπd<σ h9>^ ·Γr αΔ<σ· P r Δσ]r bU\
 ▷C x "r^ Lb P h>C·∇·b·c 2Πd, LΠb, Lb, P ΔC· Δσσ·
 h9>^ ∇ Δσσbρ' b P P r >^σ bσ·Δ' P ΓσPρ· Lb x P d=
 rC· Lb P r ·Δ<L' r^h Δ·∇σ·Δ ΔΔ·Δσr; αL·Δα Lb P
 b^PC· ∇ ΔΛσσΠ^b)ασ·Δσσ\ ▷r, ·∇h P Cdb<·Δ·x P
 σbσ<C· σ^C P d^<C·Δ· ρd]σΠd\ P r P ·Δ<C', ·∇h
 ∇dC 9 Λ]Uσr x Δ^Λ Lb Λ∇r Cdb\ Δ>C r^h, P C^C hΛ·
 P ·Δ<7·, P ΔU· Lb: "h9>^, PσΛ·σσC·Δ, ·∇h Δσ- ∇
 Pσb\, σ b ΔC> P P \ x P PσΛ σσC·Δ· Lb σ^C P Λ>b∇·
 ·ΔP\ ∇ Γα·ΔC\ x Δ^Λ Lb ·ΔΔ<C', Γρ·∇ P ·ΔΔ· ΔU·Δ\

∇ Δ•UΓ\ : αC•Δ L•ΔΠU• Δσσ•Δ b LΓ•CσΓ"xγ9>^ ' .b
 P σ<•Δ•, P ΔU• Lb ΔΠVσΓ9•Δ : "LΠb, UVσΓ9>, ΔΛC•
 σ' Δ>α σ Γα•Δ\ ΔPΠLΓΓ•Δ\ ; P<^Λ> Lb b L^bL•9 d=
 CP Δσσ• 9•bσ•, Γα σ Γα• σ•Δ• Δσ•Δ\ Δσd"xγΓ^ P
 Δ•U• : "Δσ- b PΓb\, ΛLΓΔ•∇•Δ> P Λ)9Lb, ΔL •Δ^b=
 Δbσ\ x•∇γ •Δα σ^C P ΔdΓΓΓd Δ'ΓΔLx •∇γ Δσσ•ΔdΓ=
 γ> ∇Γ CδΓ> PΓ ααC•Δ<L<σ^C PΓ ΛLΓΔ' ΔσΔ b •Δ=
 σΓσσΓ"x Γσ•C γ\ 19, 1-10x

5° αL•Δα Ad Δα •ΓΓ b •Δσ)C\ ΔUσCδΓ• PΓ P•∇
 Π<ΔL9', Lb ΓΓ•∇ C) dCP Δ•∇σb, ΔΓΓ, UΛα\ b P •Δ=
 PΔ•∇' σ^C Λd b P ΓPΓ•∇' PΓ ΔΓbUσ\ x

6° ∇•Δd Δd CΛ^d- 1° ΔσP b •ΔΓΔ•∇Γ\ ∇ ΓPΓ•∇=
 P\ σ^C Λd ∇ ΔCσΓ•∇Γ\ σ^C Λd Λ)• ΔΓx 2° ΔσP b
 ΔΠαP\ PΠ•Δ 9•bσ•, P<^Λ> ∇C•bσσ9, 3° •Δ•Δ- ΔσP
 b 9 P αΔ<σσP<, PΓ PΛΓCΓ\ ∇ LΓ)ΓbUσ\, ∇b Lb b P
 ΔCP\ x

7° ΔUσCδΓ•Δ\ PΓ P•∇<PΠσ9Γ\ Δd : σ^C σ^C σ^C L•Δ-
 σb, Δα Δσσ• b bα•∇σC\ ΔΔ b PΠασ•ΔσσP 9•bα; P=
 <^Λ> ∇b ΠΛ)C\ •Δα, αC•∇σCδΓ• PΓ P•∇ <PΠσ9' Δα
 Δσσ• Δ ΓPΓ•∇•Δ> σ^C Λd Δ' ΔCσΓ•∇•Δ> b ΔΓ ΔΓbU\
 PΠ•Δ>; LΓ- Lb, Δα •ΓΓ b P ΔC\ PΠ•Δσσ• σ^C Λd
 •Δσ)C]•Δσσ• σ^C ΔσΔ ΓΓ•∇ b P •ΔΓΔd' x

8° P•∇ Π<ΔL9•Δ> bC Γαbσ•Δ<> Δα b ΠΛα•∇•ΔΓ'



$P \rightarrow A \rightarrow L \text{ b } \Delta \rightarrow \Delta \nabla \rightarrow \sigma \wedge L \Omega \rho \cdot 9, \Delta \sigma \Delta \text{ b } \cdot P \Delta \sigma \wedge 9 \Gamma \text{ a } \rho \Delta \rho$
 $\Delta \rightarrow \text{ a } \text{ b } C \Gamma \text{ a } \text{ b } \sigma \cdot \Delta \sigma \leftarrow \sigma \times$

9° $\cdot \Delta \cdot \Delta = \Delta \sigma P \Delta \cdot \nabla \sigma \text{ b } \text{ a } \rightarrow \text{ b } \Delta \sigma \wedge 9 \cap \nabla \sigma C P \setminus P \perp \cap \cdot \Delta 9 =$
 $\cdot \text{ b } \text{ a } \cdot \nabla \Gamma \sigma \Delta \rho \setminus \nabla \cap \sigma \wedge \sigma \rho P \perp \cap \cdot \text{ b } \cdot \Delta U \sigma C \Delta \rho \cdot \Delta \setminus P \rho P \cdot \nabla$
 $\leftarrow P \cap \text{ a } \rho \setminus \cdot \nabla \setminus \text{ J } \text{ a } \cdot \Delta \rightarrow \Delta P \times C \rightarrow U 9 \Delta \rho \setminus \text{ J } \text{ a } \rightarrow \sigma = \cdot \text{ b } \rightarrow \wedge =$
 $P U \sigma C \cdot \text{ b } \rightarrow \Delta \cdot \nabla \text{ a } P \rho \text{ b } \text{ a } \cdot \nabla \sigma C \setminus \Delta C P \rightarrow \Delta \cdot \nabla \sigma \cdot \Delta \text{ b } \cap \wedge \text{ a } \cdot \nabla =$
 $\cdot \Delta \rho \sigma \rho 9 \cdot \text{ b } \sigma \cdot \times$

10° $P \rightarrow A \rightarrow \Delta \cdot \nabla \text{ a } \text{ b } \Delta U \sigma C \Delta \rho \rho P \rho P \cdot \nabla \leftarrow P \cap \sigma 9 \rho \nabla \text{ b}$
 $P \wedge 9 \sigma L U \Delta \cdot \nabla \sigma \cdot \Delta \text{ b } \cap \wedge \text{ a } \cdot \nabla \cdot \Delta \rho \sigma \rho \cdot \text{ b } C \text{ a } C \cdot \Delta \text{ b } \cdot 9 \rho 9 \text{ J } \leftarrow$
 $P \rho \text{ b } 9 \wedge P \Gamma \Delta \rho \text{ J } \text{ b } U \cdot \Delta \Delta \text{ a } \rightarrow \Delta \times$

11° $\nabla P \cdot \nabla \leftarrow P \cap \sigma \text{ b } \sigma \cdot \Delta \setminus \cdot \Delta \sigma L 9 \cdot \text{ b } \rightarrow \text{ b } P \Delta \cap \text{ a } L \rho \text{ a } \sigma \cdot \Delta \setminus$
 $\sigma \cdot \Delta \Delta \nabla \rightarrow \cdot \text{ b } \rightarrow 9 P \cdot \nabla \leftarrow P \cap \sigma \text{ b } U P \leftarrow \cdot P \rightarrow A \rightarrow P \rightarrow \leftarrow \text{ b } \text{ a } \cdot \nabla \sigma =$
 $\rho \text{ b } U \cdot 9 \cdot \Gamma \text{ J } \sigma \nabla \rho \text{ b } \cdot P C \sigma \cdot \Delta \setminus \cdot \nabla \rightarrow \cdot \text{ b } \rightarrow \text{ b } \Delta \rho \text{ a } \cdot \text{ b } P \leftarrow \rightarrow \text{ b } \rightarrow \cdot \text{ b } C$
 $\Delta \rho \text{ a } \cdot \text{ b } \Delta \leftarrow \nabla P \cdot \nabla \leftarrow P \cap \sigma \text{ b } U \setminus \times P \rightarrow A \rightarrow \text{ a } L C \cdot \text{ b } \cdot 9 \cdot \Gamma \text{ J } \sigma \text{ b}$
 $\Delta \wedge C P U P \leftarrow \rightarrow \text{ b } C \Gamma \sigma \cdot \Delta \sigma \cdot \Delta \Delta \leftarrow \rightarrow \times$

12° $P \rightarrow A \rightarrow \nabla \text{ b } \cdot \Delta \cdot \Delta = \Delta \Delta P \text{ J } C \setminus \Delta \cdot \nabla \text{ a } \cdot \text{ b } C L \cdot \text{ b } \cdot \nabla \sigma =$
 $C \text{ J } \leftarrow \rightarrow \sigma \wedge C \text{ b } C \Delta \sigma C L 9 \leftarrow \nabla \cdot \nabla \wedge \sigma 9 \rho \cdot \nabla \rightarrow \cdot \text{ b } \rightarrow 9 P \rho \text{ b } \sigma \setminus P \rho$
 $P \cdot \nabla \leftarrow P \cap \sigma 9 \rho \Delta \wedge \Delta \sigma \Delta \setminus 9 \text{ b } \cdot P C \rho \cdot \text{ a } L \cdot \Delta \wedge \text{ b } - \text{ b } C \rightarrow \sigma C \leftarrow \rightarrow$
 $P \rho \cdot \Delta \cap \wedge \text{ J } C \setminus \cdot \sigma \wedge C \nabla \wedge \wedge \rho \text{ b } \cdot P C \rho \cdot \Gamma \text{ J } \sigma \cdot \Delta \leftarrow - \text{ b } C \cap \wedge \text{ J } C =$
 $\text{ J } \leftarrow \rightarrow \times$

13° $L \cdot \Delta = \nabla \rho \Gamma \cdot \text{ a } \rho \setminus P \rho \text{ b } \text{ a } \cdot \nabla \sigma \rho \text{ b } U \setminus \Delta L \sigma \cdot \rightarrow \wedge \Delta \text{ a } \rho =$
 $\cdot \nabla \cdot \Delta \rightarrow \cdot \nabla \cdot \Delta \Delta \cdot C \rho \rightarrow \nabla \rightarrow \cdot \text{ b } \rightarrow P \rho \Delta \wedge \rho P \wedge U \sigma \rho \text{ b } U \sigma \setminus \Delta C P \Delta =$
 $\sigma \sigma \cdot \Delta \cap \wedge \text{ a } \cdot \nabla \cdot \Delta \rho \cdot \Delta \rightarrow \cdot C \wedge \wedge \Delta = \text{ b } \Delta U \sigma C \setminus \Delta \cdot \nabla \text{ a } P \rho P \wedge U =$

ГБУР • Δα ΠΛα•∇ ▷' Δβαx

∇ <βU • ΔΓβU ∼ Lραρ•Δ> 43x

14° ΔσL б Γβ ∼ Lραρ•Δ> • Δ<Πσ•∇Lб>. Δα Δβγσ• ∇
<∇β, ∇ ρ•∇ α>(L•Δ' бVβγ ΔσL Δσδ ∼ ρσβα ΔσΔ ργΔ=
σσ•Δ ∩Λ•Δ б ρ Δ•ΔΔδσ^<β>x∇б ∇ • Δ Δ•σC ∼ C•V ∇ ρ
LραΔ9^<β> бVβ^, •Cβ ∼ ρ Γσ• ΔσΔ ρσβα Δβγσ•βx ∩Λ,
9,3-6x

15° σΓ ρΓσ^ρ ∼ ΔU9, Δσσ• ∇ ρ^UσCδρ' • Δ<Lбσ•Δ>
∇ ∩β^бUAC' Γσ ▷ • ΔαΓбσσ•Δ 9ΠLρρσΓ Δσσ•Δxδ^C=
ργ• ∇ ΔρL' ρΓ ∩C•Δ' ρΓ Π<^δσΓΓ, ∇б б •б>^ρUσC=
•бσσ ∼ 'Π<^δσ9•Δσσ•x

16° •9^ρU ΔU9, •Δ<Lбσ•Δ> LΓ Δβ^9αб> б ρ γ•C9=
•Δ' ▷' ▷PLL ▷' Δβσσ•Δx
σβαβ▷ Δαβ•∇•Δ>x

∇б•Δα ρ б ρα^ρ Π<ΓL• ρΓΔσσ•x

1° ΔσΔ 9•бα б ▷ΓΔδβ ∼ ▷L ▷αρ•∇•Δ>, ∇•Δδ: 1° ρ=
α^ρ LΓβΓ•∇•Δ>, 2° ρα^ρ•Δ>, 3° ρα^ρ ΔσΓΓ•∇•Δ>,
4° <•бβ Γ•∇•Δ>, σ^C 5° <•б>C• Π<^δσ9•Δ>x

ρα^ρ LΓβΓ•∇•Δ>x

2° ▷C Λδ ΔσΓβU•Δ ΔσΔ ∇б б C•VLбP ΔβΓ•Δα
ρ^9σΓбUP ∇б ∇ C•VLбP, б Δ<ΓCσ•ΔP Π<^δσ9•Δ>βΓδ ∼ x

3° ∩β ∼ ρΓ <^CΔΠασ•Δ> ∇ ρα^ρ LΓβΓ•Δσ•Δ>x Δα
б Δ<ΓC' Π<^δσ9•Δ>βΓδ ∼, Λδα^ ΔρΓ ΔσΓσ• σρ ▷αβ•∇=
•Δσσ• ∇ σδ•ΔαΓC' ρΓ Δ•U•Δσσ•xΔ^δα ∼ б Δ<ΓC' ρΓ
Δ•U•Δσσ•, αC•∇σCδρ• ρΓ •ΔC ∼ C•V•Δσσ•, Γρ•∇ C•V



2° б^уРСЛр^оΔ Р^ер^оΔ, 3° ΔΔ^о∇^оΔ Р^ер^оΔ, x

4° <Λ^оΔ Р^ер^оΔ, ∇^оΔΔ √^у б Δ^оС^оΔ ∇ ΔГ <= Λ^оΔ ГС^о∇ΔП^р Δ^о∇^о, ∞^оС ΛΔ ΔСР^у Δ^о∇^оΔ ΔГ x

5° б^уРСЛр^оΔ Р^ер^оΔ, ∇^оΔΔ ∇ Р^ер^оΔσ^оΔ ∇^об^у ∇ б Δ<С ∞^оС ΛΔ ∙ΔГΔσσ ∇ Г^оΔσ^оΔ ∇Г x

6° ΔΔ^о∇^оΔ Р^ер^оΔ Δ<Г(σ^оΔ) РГ ∙Δσ)СΔ' ∙Δ= ГΔσσ x

7° ΔΔ σ^у) √Λ^у ∇ ΔUσС^обР Р^ер^оΔ^о, ΔσЛ ΔΔ^о∇^о ∙Δ Р^ер^оΔ Л^оΔ= Л^оС ∞^оС РГ <^о(Δ) ∙Δσ^оΔ Р^у= Λ^у ΔГ. σ^у ∙Δ^оСσσ^у Δ^о∇^о б ПΛ^о∇^оΔ^р ∞^оС ΛΔ ∇ Р^о= UσСΔ^рΔ x

8° ^оЛ^оΔ^об = Δ^ор^о∇σС^об ∇ РГ Р^ер^оΔσ^оΔ, ΔС ∙Δ= ∙Δ= РГ ∙Δ^обГΔП^р Δ^о∇σб ∇ ΔП ^оббГΔ' ∞^оС ΛΔ РГ ∙ΔГΔ' ∙ΔГΔσσ^оΔ x

9° Р^ер^оΔ √^у <^о(Δ) ∙Δσ^оΔ, ∙∇^у Л^оСЛб ∇ С^о∇= ∙Δ, ∙∇^у ∞^оС Л^оσГ^о Р^уЛσ), ∙Δ^о б С^о∇ ∙Δσ^оΔ' x

∇ <^уU ∙ΔГбU √ Л^рр^оΔ 45x

10° б Г^у √ Л^рр^оΔσ^о, Р ∙Δ<Л^о Г^оС ΛU ∇ ΔП^о= б ∙Δб< ∙Δ^оСΔ' Δ^о ∙^у √Λ^у ∙Δ, б <Р^уσσГ ∇ σΛσГ, Δ^рП^о ∇ ∙б ∞ Δ^оULб √ Лσ) ∙Δ Л^рр^оΔб ∇: "√^у Δσσ^о, Δ^оσ^у ∇ Δ^оσб^р, Δ^рГ ∙Δ^оΔ √Λ^у, Р ΔС^оΔ^у ∙Δ ∙Δ^о Р Δ' Δ^оР ∙Δ ПΛ^о∇^оΔ^р ∙Δσ^оΔ ∙Δ^оЛб Р б^о∇σС^оЛ ∙Δ^оР б ΔСРГбUσ^о Δ' Δ^оР ∙Δ ПΛ^о∇^оΔ^р ∙Δσ^оΔ, ∙Δ^оΔ Δ^рГ ∇ Р^уσСГσГ.



∇ VCP \ Lb <^P, P <PΠa·L \ DPNσ \ ΔJΠs·Δbe_xLb Λ=

U> P ΔU·Δaσ>h: "CσP ·∇Γ hC> b h^PaC \ P UΔσ·

PΓ Pa^PL' ΓσLσ) σ^C PΓ ba·∇σCL> <^P ΔσL b Δ=

CPTbU \ Δ^P? 7·b- ∇ ΔC^U \ aL a P ΠΛa·∇·ΔPΔ?

Δ^Λ Lb b ΔC·Δq> aL a ΠΛa·∇ P ΠVσUCΔ P><-?C=

σP ·∇Γ DL 9·b> P ΔUσCL> PUΔ \? aL·Δa P P ΔΓ P=

a^PL·Δ \ Δσσ·Δ \, Lb PzLσ) "x Δaσ>^ Lb ∇ VCP \ DD

Δ>Γ·Δa, P <Pσ>, P σΛ· Lb; σ^C PΓ hPσ·Δσσ· P Δ=

ΠΠd·Δ \ Γσ·∇ b P VCP \ DD 9·ba_xD^PσP·Δ \ Lb P <=

Pσ·Δ \, P ·∇·ΔPσ·Δ \ σ^C ∇ ·Δa·ΔCΔΓ^, P aΔb·∇·Δ \,

·Δh^ Lb σ^C Π<Δb> ΛP]bσ \ Δσd \ PΔ^·b, Δ^Λ ·Δ·Δ

∇b ∇ P^9σCΓσΓ Cσ b ΔPσσ \, P Vσ Λ)9σ·Δ_xΛU> Lb

P ΔU·: "·ΔCL·Δ \, Δ^·9, Pσ^Λ> b ΔC·Δq·∇·9 ΔσL

Δ^P ΔσL Δσd \ ΔΓ?" P ΔU· Lb: "∇∇, ∇·bσ Δσd \ "x

∇d ΛU> b ΔC': "CσP ·∇Γ (Λ^d- P a^dΓ)σ \ PΓ b=

·9PΔ7d Δ ΓσLσ)·Δ ΔΠVσΓ9·? LΠb, ΔPN·Δ·Δ b P a=

Δb·ΔΓ \ P aVL Δ^·bUΓ \ ΔC·bσσ·Δ_x Pa σ^C P b Δ=

a·ΔCΔ·b \ " ∇d ·Cσ \ b <Pσ \ ΔPNσ \; P σΛ· Lb_xD^P=

σP·Δ \ Lb P VΓ Λ)9·Δ \, P Γ^b·∇·Δ \ ∇ σΛσΓ, σ^C

∇ PΓ·ΔaΓ \, P aΔb·∇·Δ \ Δ>C b ΔJ aΔCΓΓ Δ aVL_xPΓ

hPσ·Δσσ· Lb P ΔΠΠd·Δ \ Δ LL·Δ Δ>ΓΔ·Δ \, σ^C Γσ=

·∇ C) ΔσP b VCP \ DD 9·ba_x ΔJΠs·Δbe \, 5, 1-11x

11° b ΔΛσσ \ Lσaσ·Δσ \, aLΠσ \ ΔU9, P ·Δ<L_a· ∇<,

10° P' ΔUσC d' a a . P' P A' C > \ P a ^ P Δσ J Γ . ∇ . Δ >
σ ^ C < . b . ρ . ∇ . Δ > , P < ^ A > b ^ P C . Δ . q x P < ^ A > L b ∇ b b ^ =
P C . Δ . q , P b d' C C a . A) ^ P' Δσ J Γ b U \ q . b > ; P < ^ A >
L b ∇ b . Δ < ^ P > C L \ , A d ∇ b P' P > \ , P b . Δ < N σ . ∇ C a
∇ b ∇ < ^ C L \ L' Δ σ Γ . ∇ . Δ > x

11° P' Δ Γ Δ . b . Δ d a a . σ ^ C P' Δ σ ^ q . Δ C L . Δ \ Δ a < =
. ∇ σ b > b L' Δ σ J Γ ' b P ∇ C . L \ ∇ Δ N ' x . ∇ < Δ . U L b > L =
σ > . Δ L' a Δ b > ; " Δ N ∇ σ Γ q . < . b U . Δ σ Δ b . Δ < ^ A a Γ σ Γ
Δ J U < σ C J . Δ σ σ . Γ . b > ^ b . Δ Γ < σ > σ Γ " x Δ C . C b σ . Δ > Δ C
Δ < < Γ N < Γ J x

12° Δ P a ^ P Δ σ J Γ . ∇ . , Δ < . b . ρ . ∇ . σ ^ C Δ a b . Δ a Δ . ∇ '
Γ > σ a C . ∇ σ C d' . Δ \ P' Γ < Δ L . Δ Γ \ , Γ > σ ∇ σ b ^ P C Γ \ , Δ =
σ Δ b L' Δ σ J L Γ \ x

13° P' Γ < Δ L q' Δ a b P a ^ P Δ σ J Γ . ∇ ' , b C . Δ C e J σ z
Δ N ^ b . Γ Γ ' Δ . ∇ σ b a Δ ^ A - b b ^ P C ' , Δ σ Δ N < Γ J . Δ a ∇ b
∇ C . ∇ L b σ σ P x " J a σ ' Δ Γ . C . < > ∇ Δ σ J L \ " a C . ∇ σ C d =
r . P' Δ . U ' x P < ^ A > ∇ b > C \ Δ U σ C d' . C A ^ d - P J N ^ \
∇ b b P . ∇ N < Δ L q' x Δ < . b . ρ . ∇ . Δ a , b C b . q Γ Δ σ J Γ < >
Δ σ Δ b P < . b . ρ L ' , P' Γ < Δ . L ' Δ ' Δ ^ A U σ C d' . Δ σ σ . x Δ o
b . Δ a Δ ∇ ' ∇ < . b > C . N < Γ J ' , b C b . q Δ Γ . Δ a e Δ N < Γ =
J . Δ a σ ^ C P . ∇ < P N a e Γ Δ . Δ d N . Δ σ σ . x

< . b > C . N < ^ d σ q . Δ > x

14° < . b > C . N < ^ d σ q . Δ > , ∇ . Δ d ∇ . Δ σ Δ U σ Γ ' Δ . ∇ a ∇ b
∇ U A < σ \ σ ^ C A d ∇ a L C . b \ q . b > q Δ Γ > Γ b U P < > x



15° <^(Δ)•Δσ•Δ> <•b>C• Π<^dσ9•Δ>,•∇b p a• Γσ
Π<^dσ9•Δ σ^C 4PΔ•∇•Δ Δσσ•∇•Δ> P' ΔΓΔδσσ• PΓ LΓ
ΔUσL\ PΓΔσσσ•,∇b ∇ UΛ<σ\ 9•b> 9 ΔΓ ∇C L P< x

∇ <U •ΔΓbU\ Lρσρ•Δ> 46x

16° •ΔP-,P •ΔLσ• J4°,∇ ΔΠ Δ)CΔ' P<Δ>•ΔbΓd\,
∇ Pσ^P LΓσΓd' ΔσΔ Δ^•9•Δ,>Π<^ Δ •ΔP L b σ x Δ•Δ LΓ
Δ^•9• ∇ Δ^•bρd' LΓ J^UσCJ•Δσσ• J4< ΔΓ,∇b•b•
∇ Pσbσ\,P b•9 σdΓ^b•∇•,∇ b•9ΓΔ' x L b •Δσ ∇b ∇
•Δ <^(ΔΠ',P Δ•σC•∇• σ^C P PσΛ ΔσΓ•,∇ σbΓ<•C'
Δ Λρ^b b> ΔΓΓσ\,Δσ Δ^•9• P •9^Pσ^ ΔΓσ•,ΔC 9 P
Δσ •ΔΓΔd' σ^C P LΓσΓ• ∇ Δ•U' x ∇ P ΔdΓCσΓ PΓ
•ΔΓΛσ^bΠρΓd' x>Π<^ P C•V C^ ΔσΓσ• Pσ^P ΔσJΓ•∇σ
•Δσσ• σ^C P Δσ•∇Λσ• J4< P<Δ>•ΔbΓd\ x 2σρ^,39x

17° b ΔΛσσ\ Lρσρ•Δ>,σLΠσ\ ΔU9,•Δ<Πσ•∇Lb> Δσ
PΓ 44P•ΔΓ9•Δσσ• ΔΔρ> σ^C •ΔΓσσ•9L Γσ•Δ,∇ σ<^=
d^C P\ σ^dΓ)•ΔσΠdσ•xΓρ•∇ σC•ΔC' P2Lσ) VΓ σσC=
•Δ•,•Δ^d\ ∇ ΔC' x ΔσP b σσΓ\ P P b Γ•Δ\ Jρ4 •ΔΓ=
σσ•Δ•Δx∇•Δd ΔΓ,ΔΠVσΓ9• P σ)Γ• ∇ P LΓ ΔσJLσΓ
Δ' Δ)^9σσσ Jρ4;P ∇C•∇• L b Γσ•Δ PΓ •Δ<^ΛσσΓ
•σ^ Pσb•Δ Δσd\ x

18° b ΔΛσσ\ Lρσρ•Δ>,PΓσ^P\ ΔU9,•Δ<Πσ•∇Lb>
Γσ•C >^xL^C Γσ^Πd\ P b<<> ∇ σσ•ΔσCσσ\ ∇ 4Pσ=
•∇\ ΔΓ ΓL> b Δσ >ρ^<>; P ρρσρ•Δ ΔΠσd Δ)C b Δσ

Cσf Δσσ•Δx∇ P δC•ΔΠd' ∇ Cb>∇ ∇ PΓ•Δ∇, >τ P
 L•Δ)α: Γ^Π•b ∇^C P LJ^U•∇Λα: x∇d P∇Λ∇ Γ^Πd>∇
 Δf', ∇ PδUσ∇, P ΠΠΛ<σΔ ΔfΓσ∇ >αxΔ^Λ L)U•Δ∇ •ΔΔ<=
 CP∇ ΔσΓσ•, P ΔΠ)•Δ∇: "P^Πα- Δ•Δ Δσσ• Δσ<Δ•∇^P•;
 Δα ΔC PΓbΓ∇ ∇ P Δf ΛLΓd', ∇σ•∇∇ Lb P•∇Π<ΔL9•Δσ=
 σ• αL•Δα <PΠσd PΓ ΛLΠd' "xLb •Δ< P •Δ<C•L∇ Cσ
 b Δf LΓ Π<^dαf∇, ∇∇ Γ•C >τ Δ^dU∇ P Δf •∇Λ∇•P=
 ∇Λ•b b P LdΓd' xαL•Δα •Δ<∇ Δf ΔdΔd Λf>•Δσσ• α^Λ-
 b LαCσσ∇ xΔfΠ∇•Δbα∇ Δ ΔfΓ9•Δσ•Δ•Δ, 28,4x

∇∇∇ Δα∇•∇•Δ>x

∇b•Δα P b J^U<σΓL• PΓΔσσ• •Δ•Δx

1° ΔL Δα∇•∇•Δ, ΔfΔ•∇Lb, PΓ Δ<ΓCσ•Δ∇ LΓ •Δ>∇=
 •Δ LΓ)∇σf9•Δα ∇^C Λd J^U<σCJ•Δαx•∇∇ Δ•U• P ΠV=
 σf9Γα•: "P P ∇Uα•Δ• ∇ P Δ•Cσ•Δ∇ b>∇: ∇b•Δα P b
 Λf•bΠd' xLb σα P' ΔΠα•Δ•, Δ•∇α 9 bα•Δ<L•9 Δ^•9•Δ
 ∇ LΓ J^U<σL', ΔαΔ P •ΔfΛf•bΠd' ΔUΔ∇ "xΓ•C LΠ<, 5,27x

2° ΔC Λ)∇ ∇fα•bP ΔL >α∇•∇•Δ, ∇^C σd•C^ Δα∇•∇=
 •Δ, ∇•Δd ΔL: σd•C^ Δα∇•∇•Δ, ΔfΔ•∇Lb, Γ∇•∇ b ∇=
 •bP Λf•bΠd'•Δα ∇^C b α∇•∇σC•bP Δ>Γ•Δα; ΔL Lb ∇∇∇
 Δα∇•∇•Δ, ΔfΔ•∇Lb, •Δ•Δ- Λf•bΠd' J^U<σCJ•Δα∇∇^C
 ΔUσCJ•Δαx

3° J^U<σCJ•Δ, ΔUσC•b, Δ^Λ Δ•∇α ∇UσC∇ PΓ C)C∇ b

LaCσσ\ Δ^Λ a∇<σUxLFLΓ)σCJ•Δ) ΔUσC•b) Δ^Λ, <C
∇b ΔUσfBU\ PΓ J\BU\, sδ- Lb >PC• b ba•∇σC\ <•∇=
a PΓ Γ•σCΓΔd'x

4° <σL b J^U<σfBU\, <C ∇b ∇ JfBU\, <^(Δ)•Δσ•Δ,
•∇h Ja >aσ•∇σC•b) PΓ J^U<σfBU\ <σL b LaC\ ∇)=
fBU\ x

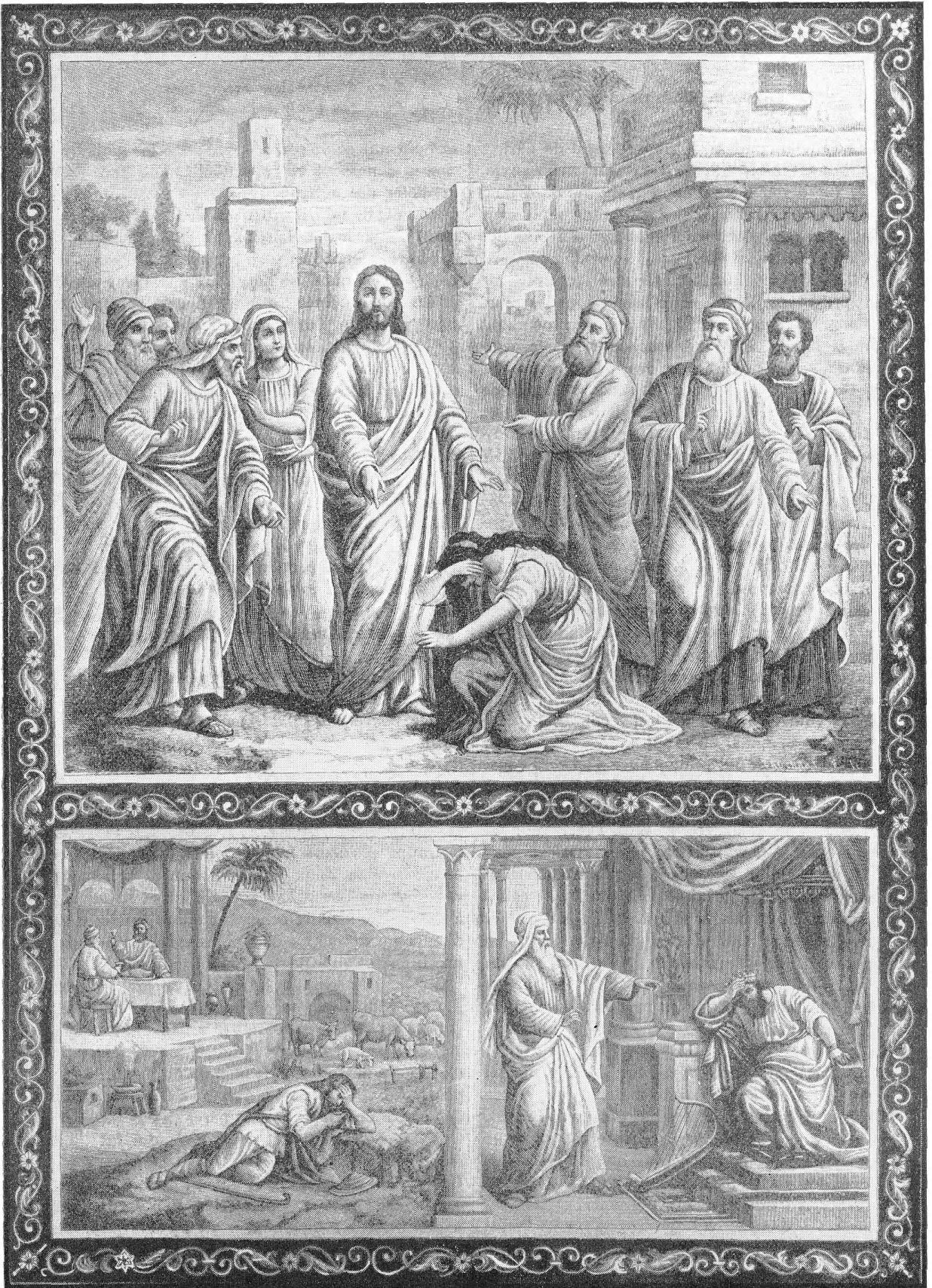
5° PΓ <^(Δ)•Δ) ΔUσC•b), ∇ Λf•bNΓ Γ)σCfσ•Δ\,
<C. ∇b ∇ •Δ JC\ <•∇a b Γ)σC\ x

6° <^(Δ)•Δσ•Δ) Lb, •∇h Pσ•ΔΔd PzLσ) ∇ ba•∇σ=
CL\ P UΔa\ PΓ LΓ Γ•σCΓΔd>\, <σΔ q•ba a^Λ- b <=
•bC\ σ^C a^Λ- b LΓ)Cd>\ x

7° aLC•b) Lb sδ- <^(Δ)•Δ), Pσ^Λ) •Γf <σL Γ•b-
•∇Nbd>d LfΓ)σCfσ•Δa, b•q ΔbUaLr>\ x•q^PU Δfσ•b);
•∇h ∇ L^b•Δ a^d>\, P b^PCLr^a• s•∇σfσ•Δ) x ∇ P^P=
r)C\ >L <•∇a, aL•Δ^b- bC s•qσJ, Lb bC LfC• Δσd\
Γr•∇ J•Δ b•qfΔ•∇•Δax

8° PΓ sδfC' <•∇σb) Λf•bNΓ b•qfΔ•∇•Δa, aC•∇σC=
d'•: 1° PΓ bσP^P' PzLσ) >^Pσdσ•Δ Jh\ Cσ∇ ∇ b=
a•<Γd•Δ' σ^C PΓ N<^dσd', ∇h•b• Pσbσq; 2° PΓ <=
>Γfσ'; 3° PΓ a^d^C\ b•qfΔ•∇•Δ) •C<h\ •Γf •∇Nbd'
4° PΓ a)CL•Δ' >•ΔfΔ•∇•Δσσ• Γσ•C Γσ•Δ b s•∇σC=
d'σf >^PσP^•q•Δx





2.4. *xΓ.0.C 3, 12, 21x

3° ΔΔ Δ.0.Δα Δ.0.ΓbU.0 Δ ∇ αC.∇σΓd> P P^P> P ALPΔdP.Δσα. Δ^Λ- dCP 9.0.b>; ∇σ.∇^ Lb, αL.Δα P' ΔPΔdαα. P P .b>^ \ σP C> \ Δ^P.Δ 9.0.bα σ^C Δσ- ΔL ALN P.Δ>x

∇ <U .ΔPbU \ L PαP.Δ> 48x

4° ΔσL b Γ> \ L PαP.Δσ \, P .Δ<Lα. ∇c>>P, Δ P P α= ><σ.ΔP L L >σd^, P N> P P Δ P L .x Δ.Δ P P Δ P L . ∇ L P Δ b .Δ= C \ ΔσΔ Γ σ P P .Δα b A P N σ σ P P P Δ > Γ ∇ .Δ b Γ d \ η P η > Γ \, P Δ σ N > .∇. ∇c>>P η P P αC.Δ L^b .U σ P x Δ^Λ Δ.Δ α ><σ.Δ= P L . b C d σ \, Δ P P Δ σ Δ b .Δ η .Δ d', L L . P P P J N P \ Δ Δ < > Γ ∇ 9.0.bα, P .Δ<Γ. Γ^C N .L 9 C C .Δ>, ∇ d^C P α d P σ P b U C Λ C d σ P x Δα Γ^C N . Δ σ d \ P Λ Γ < C . σ^C P Δ C L . ∇ . ∇= c>>P η, σ b > Δ σ Δ Δ P C ∇ Δ < P C / x Δ σ . Δ \ L b Δ L, P σ d P . Δ \ σ σ d C P > \ Δ^P σ P . Δ \ ∇ . Δ P P P \ σ^C ∇ P^U σ C d α d P P \, P << >^U Δ d, ∇ b ∇ P Λ P σ P, ∇c>>P^, ∇ d L b 9 C C . Δ > P <= P P > . J^C^b Γ \ Δ σ . x P Δ N σ . Δ \ L b σ^C U N α b σ \ ∇ Λ Γ σ L P \ P . Δ α . Δ C ∇ . Δ \ x 2 L b V, 3, 25x

5° ΔσL b ΔΛ > σ \ L P α P . Δ >, α L N σ \, . Δ < N σ . ∇ L b > b Δ σ N < > P b U σ \ α < / Δ σ Γ α N d σ C . Δ P P b >; ∇ P Δ C . b σ σ \ P P - P P Δ P L . Δ Δ . Δ^b Δ b σ Γ σ \, P J^U < σ C Γ σ . Δ P P Δ P L . Δ, Δ b^x P b . 9 > d P Γ . α < C P P Δ C . ∇ σ P σ^C Λ d^ P P Γ^d = α Γ σ P Γ^d = d C P σ . Λ > ∇ C . b σ σ . x ∇ Δ P Δ d . Δ' α < / J P η Δ' Δ α P . ∇ . Δ σ σ ., P P Δ C . ∇' Δ σ P Δ . b Δ' Δ σ^9 N Λ α . ∇ =

• Δρ • Δσ • Δ • , P Δ • ρ C • ∇ Δ • U : " Δ ∇ σ Γ 9 • σ b • Δ P ∇ =
 L 9 σ Γ \ , σ / Δ Γ Δ \ P Γ Γ σ C > ρ C • Δ > Δ ∇ ∩ Λ e • ∇ • Δ ρ • Δ σ • Δ • "
 3, P Γ Δ P L • Δ \ , 21, 3x

6° Γ ρ • C ∇ ρ • Δ , b Δ Λ ς ∇ L ρ e ρ • Δ > P ρ , σ ^ P \ , e ^ Λ = Λ) ∪
 P Δ C ∇ ρ • b P Δ C ∇ ρ σ Γ Δ b < x ∇ P Δ C ρ • Δ ∇ d / P Γ Δ P L • Δ \ ρ =
 U ς , P Γ Δ ς C L • Δ / U C Λ • Δ σ σ • Λ ς ∇ ∇ Δ ς • Δ ρ σ ς σ • Δ σ σ \ , Δ
 ρ Γ L b b L Γ ρ ς ∇ σ Γ Δ ρ σ ς , P Γ a b σ • Δ > Δ σ Γ σ • 9 Δ < Γ C / ,
 P Γ U Λ < σ / σ ρ P Γ Δ ς C / x ∇ b ∇ • Δ b e • ∇ σ L / b Δ σ • Δ P < σ =
 σ Γ ρ σ ς e Λ ^ • b ρ ^ C Δ ρ σ ς , 9 P ∇ C P < > P ς ∪ Λ > P Δ U σ C ∇ d =
 < ρ , P Δ ς C • σ ρ U C Λ • Δ e ρ ^ C P ∇ Γ Γ ρ • P Γ Δ P L • Δ b P L =
 L ^ b U σ C Γ σ Γ Δ σ Γ σ • x

Γ ρ • C b) σ \ Δ ς Γ ∇ ^ b > Δ / Δ e ρ • ∇ • Δ e x

σ ^ C C Δ e ρ • ∇ • Δ : P b Δ ς Γ ∇ b e • ∇ σ U > C) P ς b • b Δ =
 C ρ • Δ ∇ b • Δ > > P Γ Δ ς Γ ∇ b e • ∇ σ C L > x

σ ρ Δ e ρ • ∇ • Δ : P b • Δ 9 • Δ • ∇ Δ e Γ ρ 9 / Γ b U • Δ d e ς , P =
 ς L σ) ∇ P ς b σ \ , ρ ^ C C • L • 9 L a Γ C b σ • Δ σ σ \ x

1° Δ ς • Γ ρ • C b) σ \ Δ ς Γ ∇ ^ b > b ^ P Δ • Δ σ σ • P ∇ ∇ σ Γ 9 Γ =
 e \ Γ ρ ^ ∇ Δ Γ < σ \ , P Γ Δ e ρ • ∇ / x • ∇ ς Δ • U • Γ ρ ^ : " Δ e b e =
 ∇ C C \ , σ e σ e) C \ " x Γ ρ • C ς \ , 10, 16x Γ e L b Δ • U • : " Δ σ Δ
 9 • b e 9 L • b Λ C ∇ • ∇ • 9 Δ C Δ ^ P \ , b C L • b Λ Γ b U • Δ P Γ P ς d \ "
 Γ ρ • C L ∇ ς , 18, 18x ∇ L L • Δ Δ ς P Δ Δ Δ e ρ • ∇ • Δ e , Δ ς σ b U • Δ

4. $\Delta \Gamma \nabla^{\wedge} b \triangleright \Delta / \Delta_{\alpha} \sigma \cdot \nabla \cdot \Delta_{\alpha} x P / \Delta C \sigma \cdot \Delta \cap d_{\alpha} \alpha \cdot P / \Delta \cup U \triangleright \nabla$
 $\Delta_{\alpha} \Gamma \rho b \sigma \cdot \Delta \setminus, P / P d \sigma \triangleright \setminus, \nabla b P / \cdot \Delta \setminus \rho q \triangleright \setminus \Delta \cap / \nabla P \sigma b P,$
 $P / \cdot \nabla \wedge \sigma b \sigma \cdot \Delta \setminus \sigma^{\wedge} C P / d \Gamma \sigma \cdot \Delta_{\alpha} \sigma \cdot \Delta \setminus b_{\alpha} q \vee \triangleright \cdot b \cdot C \cup \wedge =$
 $\triangleright \setminus x$

2. $\Delta \sigma \Delta P \sigma b \cdot \Delta b L_{\alpha} \Gamma C \sigma \cdot \Delta P \triangleright L \Delta^{\wedge} P \setminus, \nabla \cdot \Delta d \Delta \sigma \Delta: \nabla$
 $L d \rho P \sigma b \setminus, \nabla \cdot \Delta_{\alpha} \Delta L b \setminus, \sigma^{\wedge} \cup \triangleright P L \cdot \Delta \setminus, \triangleright \wedge \sigma b \cdot \Delta P \sigma b \cdot \sigma, \Gamma \rho \cdot \nabla$
 $\triangleright \Gamma \sigma \cdot C \cdot \Delta \setminus \triangleright P \sigma b \Gamma \cdot \Delta \cdot, \nabla < \sigma P \Delta \sigma \sigma \cdot \Delta \Delta b \sigma \cdot \Delta / \Gamma \sigma \cdot C \Gamma \sigma, \Gamma =$
 $\rho \cdot \nabla \Delta \setminus \Gamma \nabla P \sigma b \cdot \Delta \Delta \rho / \Delta \setminus \Gamma \nabla b_{\alpha} \cdot \nabla \sigma \rho \setminus b U \cdot \Delta x$

3. $P / <^{\wedge} C \Delta \cap \alpha \sigma \cdot \Delta \setminus \nabla \Delta C \cdot \nabla \sigma \rho \setminus b U \setminus P / \cdot \Delta \rho \cdot \Delta \sigma \cdot \Delta \setminus \nabla$
 $\Delta_{\alpha} \Gamma \rho b \sigma \cdot \Delta \setminus \nabla \Delta \setminus \Gamma \nabla P \sigma b \setminus \sigma^{\wedge} C \Gamma \rho \cdot \nabla \Delta \sigma \Delta b L_{\alpha} \Gamma C \sigma \cdot \Delta P$
 $P \sigma b \cdot \Delta x \nabla \cdot \Delta d \triangleright / \triangleright \sigma P \Delta d L \cdot \Delta \setminus b b_{\alpha} \alpha \cdot \Delta \rho \rho \setminus, \triangleright P L \cdot \Delta \setminus \sigma^{\wedge} C$
 $\triangleright P L \cdot \sigma \cdot \Delta \setminus P / <^{\wedge} C \Delta \cap \cdot \Delta \setminus P \sigma \wedge \setminus \setminus \sigma \cdot b = \nabla P \wedge \rho \Delta \rho \setminus \triangleright /$
 $\Delta \cdot \Delta \sigma \Gamma \sigma \cdot \Delta \cdot \Delta, \Delta \setminus \wedge q_{\alpha} b_{\alpha} \sigma^{\wedge} C \wedge d d C P \triangleright \Delta \cdot \nabla \sigma b_{\alpha} b \cap \vee \sigma L \rho \setminus$
 $P / \Delta \cup \sigma \rho \nabla \Delta_{\alpha} \Gamma \rho b \sigma \cdot \Delta \sigma \sigma \setminus \triangleright \triangleright \nabla P \sigma b \sigma P x$

4. $\sigma d = L b, \Delta C \cdot b \cdot \alpha \Delta \cap / q \cdot b_{\alpha} \nabla \triangleright \cap \rho < \sigma P b P \wedge \rho \Delta d /$
 $\Delta \cdot \nabla_{\alpha}, \nabla b P / \Delta \cup / \nabla \Delta_{\alpha} \Gamma \rho b \sigma \cdot \Delta \sigma \sigma \setminus; C \wedge^{\wedge} d = \triangleright \triangleright \cup \cdot \Delta:$
 $\Delta d \rho \cdot \Delta \setminus, \nabla \alpha_{\alpha} b \rho \Delta / \Delta \cdot \nabla_{\alpha} b \Delta d \rho /, \cdot \nabla \setminus \nabla \alpha \cdot \Delta_{\alpha} \cdot b \setminus \Delta \setminus =$
 $\Gamma \nabla \cdot \Delta b \Gamma \setminus, \nabla \alpha C \cdot \nabla \sigma C d \rho / \Delta \cdot \nabla_{\alpha} P / \alpha b \rho C / \cdot \Delta^{\wedge} b \Delta b \sigma \sigma \cdot,$
 $\sigma^{\wedge} C \wedge d P / \alpha_{\alpha} b \rho \Delta / \nabla \Delta \wedge \sigma \sigma \sigma \rho \Delta \cdot \Delta \sigma \sigma \sigma \sigma^{\wedge} C \nabla b \nabla \cap \vee \sigma =$
 $\Gamma \cap \rho / \Delta \cdot \nabla_{\alpha}, \nabla b L b \nabla \Delta \sigma_{\alpha} L / x$

$\nabla < \setminus U \cdot \Delta \rho \setminus b U \setminus L \rho_{\alpha} \rho \cdot \Delta \setminus 49 x$

5. $\Delta \setminus C \Delta \sigma \wedge \Gamma \setminus, P \cdot \Delta < L_{\alpha} \cdot \Gamma b U \cdot \Delta d_{\alpha} \leq \nabla \Delta_{\alpha} \Gamma \rho q /, \nabla$
 $\Delta \setminus \Gamma \nabla P \sigma b \sigma \setminus x \cdot \Delta \rho \cdot \Delta d b \Delta \setminus \Gamma \nabla \cdot \Delta \cap \rho \sigma \rho \Delta \setminus \Gamma \Delta \sigma \rho \setminus x \Delta \setminus C \sigma \rho \rho$

$\leq U_{\alpha} \cdot \nabla \sigma_{\Gamma} \sigma_{\alpha} \cdot \Delta \setminus, \Delta C \text{ b } \Delta \sigma \cdot \Delta \eta \cdot \Delta \cdot \nabla \Gamma \setminus \text{ b } \text{hpr} \Gamma \setminus$
 $\Delta^{\circ} P \sigma, \alpha V \cdot \Delta \setminus \text{ } \sigma^{\circ} C \Delta^{\circ} \cdot \eta \cdot \Delta \setminus \text{ } x \Delta \cdot \Delta \setminus U \alpha \nabla \sigma C \cdot L \setminus \Delta^{\circ} P \cdot \Delta \Gamma =$
 $\alpha \cdot \Delta C \setminus \cdot \Delta \sigma \Gamma \cdot \Delta^{\circ} \Lambda = \cdot \Delta \alpha \text{ pfr } \Delta \setminus \Gamma \nabla \text{ b } \alpha \cdot \nabla \sigma C P \setminus \nabla \Delta \setminus \Gamma \nabla P =$
 $\sigma \text{ b } \sigma \setminus; \nabla \text{ b } \Delta \cdot \sigma \Gamma \Gamma \sigma \cdot C \cdot \nabla \text{ b } C < P \sigma \cdot \alpha \setminus L \Gamma \Delta^{\circ} \Delta U \setminus \text{ } x \Delta \setminus C \sigma \Gamma$
 $L \Gamma \alpha \Gamma \cdot \Delta \Gamma \setminus, \alpha L \Gamma \sigma \setminus \Delta U \eta, \cdot \Delta < \Gamma \sigma \cdot \Delta \sigma \cdot \Delta \setminus \text{ } \Gamma \text{ b } U \cdot \Delta \Delta \alpha \leq \nabla \Delta =$
 $\alpha \Gamma \Gamma \eta' \Lambda \Gamma \cdot \Delta^{\circ} \text{ b } \Delta \text{ b } \sigma \setminus \text{ } x \eta^{\circ} P U L \text{ b } \Delta L, L \Gamma \alpha \Gamma \cdot \Delta \setminus, \cdot \Delta < \Gamma \text{ b } U \cdot$
 $\nabla \text{ b } \alpha \cdot \nabla \sigma C P \setminus \text{ } \setminus C \Delta \sigma \sigma \cdot \Delta \setminus \Delta \sigma \Delta \Delta \setminus \Delta \setminus \Gamma \nabla P \sigma \text{ b } \cdot \Delta \cdot \Delta \text{ } x$

$6^{\circ} \Delta \sigma \Delta \sigma \Delta \cdot \sigma \Delta^{\circ} \text{ b } \cdot \Delta \cdot \Delta \leq P L \Gamma \alpha \Gamma \cdot \Delta \alpha \cdot \Delta < \Gamma \sigma \cdot \nabla L \text{ b } \cdot \alpha$
 $\Delta \sigma \Delta \sigma \Delta \cdot \sigma \Delta^{\circ} P \sigma \text{ b } \cdot \Delta \text{ } \Gamma \cdot \text{ b } = \text{ } \nabla \setminus \nabla C \cdot \Delta^{\circ} U \setminus \text{ } \sigma^{\circ} C \nabla \Delta C \cdot \text{ b } =$
 $P \Delta \sigma \Delta \eta \cdot \text{ b } \alpha \Delta \Delta \setminus \text{ } \text{ b } L \Gamma \setminus \sigma \Gamma \text{ b } U P \text{ } \Gamma \cdot \text{ b } = \Delta \sigma \Delta P \sigma \text{ b } \cdot \Delta \text{ } x \Delta =$
 $\sigma \Delta \setminus C P \setminus L \Gamma \alpha \Gamma \cdot \Delta \alpha \setminus \alpha \alpha C \cdot \nabla \sigma C \cdot \text{ b } \cdot \alpha \text{ pfr } \Delta \sigma \setminus \Gamma \text{ b } U P \text{ } x$

- $\cdot \text{ b } \setminus \setminus P \text{ b } \cdot \nabla \Lambda \sigma \text{ b } \setminus \text{ } \text{ b } \alpha \eta \text{ } \nabla \setminus \text{ } \text{ b } \cdot C \cdot C \cdot \Lambda > \eta \text{ } x$
- $\cdot \text{ b } \setminus \setminus P \text{ b } \Delta \Gamma \alpha \setminus \Gamma \sigma \cdot C \Delta \text{ b } \sigma^{\circ} \Gamma \cdot \Delta \setminus, L \Delta \Gamma \text{ b } \text{ } \nabla \setminus \text{ } \text{ b } \cdot C \cdot C \cdot$
- $\nabla \Lambda > \setminus \text{ } \sigma^{\circ} C \nabla P \Gamma \Delta \setminus \Gamma \nabla P \sigma \text{ b } \setminus \text{ } \sigma^{\circ} C \Lambda \Delta \Delta \setminus C \text{ } \eta \setminus \text{ } x$
- $\eta \cdot \text{ b } \setminus \text{ } \sigma C \cdot \Delta P C \setminus \text{ } \sigma, P \text{ b } \Delta \Gamma \Delta \setminus \Gamma \nabla < P \Gamma \sigma \text{ b } \setminus, \nabla \setminus \Gamma \Delta \Gamma \nabla \sigma$
- $\setminus C P \setminus \text{ } x$

$\nabla \text{ b } \cdot \Delta \alpha P \text{ b } \Delta \setminus \Gamma \nabla \cdot \Delta P L \cdot \Delta \alpha \text{ b } \cdot \Delta \Delta L' \text{ b } \Delta \Gamma \Delta \text{ b } \cdot \Delta \setminus \setminus,$
 $\nabla \text{ b } \cdot \Delta \alpha \text{ } \sigma^{\circ} C P \text{ b } \Delta \setminus \Gamma \nabla \cdot \Delta P \setminus \setminus \text{ } \Gamma \cdot \text{ b } = \Delta \sigma \Delta P \sigma \text{ b } \cdot \Delta \text{ b}$
 $\Delta \sigma \Delta \Gamma \Delta \cdot \Delta \sigma \cdot \Delta \setminus \text{ } x$

$1^{\circ} \nabla \text{ b } P \Gamma \cdot \nabla \Lambda \sigma \text{ b } \sigma \cdot \Delta \setminus \cdot \Delta^{\circ} \text{ b } = \alpha^{\circ} \Lambda = P \Gamma <^{\circ} (\Delta) \cdot \Delta \sigma \cdot \Delta \setminus$
 $\setminus \Delta = L \text{ b } \nabla L \Gamma \cdot \nabla \Lambda \sigma \text{ b } \sigma \cdot \Delta \setminus \Delta \cdot \Delta \setminus \setminus \setminus L \alpha C \setminus, \nabla \sigma \sigma \cdot \Delta \alpha \Gamma C \sigma =$
 $\cdot \Delta \setminus \Delta \Gamma \Delta \setminus \Gamma \nabla L \sigma \setminus \text{ } \text{ b } \Gamma \cdot \Delta \setminus \text{ } x P \setminus \setminus \Lambda \setminus \Delta \cdot \nabla \alpha \cdot \nabla \Lambda \sigma \eta U \text{ } \nabla \setminus \text{ } \text{ b } \cdot$
 $\Lambda \Delta C \cdot C \cdot \nabla \Lambda > \sigma \sigma \setminus, \Gamma \Lambda \setminus C \setminus \Delta \alpha \Gamma \cdot \nabla \cdot \Delta \sigma \sigma \cdot \text{ } x P \setminus \setminus \Lambda \setminus \Delta \cdot \nabla \sigma =$



1 dN>N>a\, 9, 13x_aC.vσC dP. d.v_a P r Δ>Γ∇ <P∩σ=
9' <^P b Δ^A r b^P(C L P' Δσ d\, P r Δ r d.v_d U P^=
, UσC d Δ' σ^C P 2Lσ) . ∇σΓ' P 2Lσ) σ^C P r Δ r a P <σ Δ'
Γ_σ.C b)σ\ Δ>Γ∇^b>x

6° σ.σ>\ a d d) . Δ_a b Δ r Δ . ∇L b P Δ>Γ∇ . Δ P) . Δ : Γ=
d . Δ ∇ r . Δ d) . Δ_a σ^C . Δ P) . Δ_σ . Δ d) . Δ_a x

7° Δ>Γ∇ . Δ P) . Δ_σ σ . Δ r Δ b σ . Δ . Δ\ b . Δ r σ) r\, σ^σ)
∇ Δσ^9 Λ L ∩ r r\ Λσ^x

8° . Δ d) . Δ\ b Δ r L b\ . Δ) . Δ_σ\ σ^σ . C . ∇ Δσ^9 Λ=
L ∩ r a σ . Δ\ Λσ^σ σ^C Λ d Δ L d . Δ . Δ r σ) . Δ\ b Δ r <σ\
r b Δ C 9 . Δ_σ\ σ^C Λ d r P U ∇^b 9 . Δ_σ\, Δ r . Δ ∇ L b . a b P a .
P r Δ>Γ∇ . Δ P) a σ . Δ\ x

9° P r Δ>Γ∇ P^U σ r b U\ ∇ . Δ P) a σ . Δ\, ∇ . Δ . b σ L P r
Δ r r Δ < C P . Δ P) . Δ Δ_a Γ r 9 . Δ\ σ^C Γ . a P Γ . ∇ . Δ\ x

∇ <U . Δ r b U\ L r a r . Δ\ 50

10° P r σ^P\, ∇ P 9>\ Δ r, Λσ^σ σ r, Δσ Δ b Γ r ∩ P ∇ Δ=
Λ σ r P L r a r . Δ_a a d C L b . a b P^U σ C . b P P r b . Δ Δ C Γ_σ=
. C b)σ\ Δ>Γ∇^b> b r P Γ C\ P r Δ ∩ a L\ Δ>Γ∇ L σ) b r =
. Δ_a x

11° . ∇ ∩ P r Λ < σ P . C σ\ Δ Δ L r a r . Δ_a, Δσ L Γ^b a . σ . σ =
>\ Δ ∩ Δ C J\ x Δσ L Δ L ∩ σ\ b Δ C J\ P r P r d\ Δ r, σ>^b J =
L b> b σ b . Δ\ a σ b r Δ d . Δ Δ^σ . b U^σ x ∇ Λ) 9' Δ\ C ∇ > Γ Δ'
Δ ∩ Δ) U . Δ . Δ r U Δ^σ Λ Γ\, ∇ Δ < r C' a) C L 9 . Δ_σ σ . σ^C

• ∇Λσ⁹•Δσσ• ρⁿC ∇ dΓσ•Δ/xΔⁿC ▷r, P r p s d \ Δ)U•: “Δ=
 e b Γr' σ>ρσ• ρⁿC b Γσ•⁹' σ Γdσ• Δ>• b P⁹ ΛLΠ=
 ρ•Δσσ• *xΓσ•C Jⁿ, 6x ΔσL rⁿCⁿ•b▷•∇•Δⁿ b ρ•b \ Δⁿ=
 ΛΓ\ b ΔJ •∇Λσbσ•Δ\, PⁿPρ•Δr r q L b ⁿ ΔσP •b>ⁿ\ b
 •∇Λσ⁹r\ ∇ Γe b σ•Δr\ b P bⁿPCL⁹ⁿCLC\ r rⁿ ∇ σ>ⁿ=
 CLC\ x

12° ΔσL dC\ b <ⁿ⁹J\, ∇•Δd b Δe bⁿb\ Γⁿb e• b e=
)Γd' Δe b Δb•ΔC\ Lr Γ•ρσJ•Δσσ•xΔ)CΔd b ΔJ Δⁿ=
 P•Δ Γe•Δr b Uσⁿ, ΔC Γ)σ b ΔJ C)•Δbσ•Δ' (Λⁿd- Δ=
 ρΔ>Jⁿx⁹b ΔΠ <P Jⁿ Lr ΔⁿdU\ ΔⁿC σr x

13° P r σⁿP\, σr ΔU⁹, ∇ P⁹>\, P •Δ<L e• ∇ v>dUΔr r \
 Δⁿ∇σσσ•Δ\ ∇ LL•Δ L•Δr Δ) r \ P r J•Δr \ Γ>ⁿb⁹•Δ L=
 σⁿLσJⁿxΔⁿzσ• C d eⁿ b ΔⁿdU•Δσσ\ J L b σσσ•, ∇ ΔΠ Δ)=
 U' P r σ<Δ Γr•∇ C) σⁿ)Jⁿe ΔⁿC ∇r r' ΔⁿP\ x•Γr C=
 Λⁿd- ΔσP Δⁿ∇σσσ•Δ\ b P zρΔP\ ▷' Δⁿ•bULΠd•Δ•Δ
 ∇ Δ<r C•Δr \ ▷ Γdσ• ΔσΔ Γ>ⁿb⁹•Δ LσⁿLσJⁿ, ρⁿC b P
 Γr•Δr \ ▷ •Δ>ρσ•, P L e r Δd•Δ\ ΔσΔ Δⁿzσ•Δx∇•b ρ •Γ=
 r v>•bⁿ, ΔσP Γr•∇, •∇Λσ⁹•Δσ\ b P rⁿC<•Δe r \ ▷' Δ=
 L d•Δ•Δ ▷ Γdσ\ r rⁿ, ρⁿC b dΓσ•Δr \ ▷ •Δ>ρσ•, b C •Δ=
 •b r Δd•Δ\ b P⁹ ΔⁿdU•Δ σΛ•Δσσ• ▷r x

14° •∇Λσ⁹•Δⁿ P Δ<r Cσ•Δρ<ⁿ Γ•b- b ΛLΠρσr ▷' Δ=
 JΠⁿ•ΔbσL r rⁿ, •∇ⁿ Δ•UL b ⁿ Lσ)•ΔLρeΔbⁿ: “Γr' ΔσP
 b C•VCP\, P v r Δ)U•Δ\ P •ΔCL•∇•Δ\ ρⁿC P ρdC•Δ\

▷' <ΔΠ·Δσ·Δ·Δ Γ·C >c x ΔσΠ·Δb·Δ', 19, 18x b·Δ =
<CJ' ΔσL L·Δ·Δ' ΔLΠσ' σ' ΔU9x

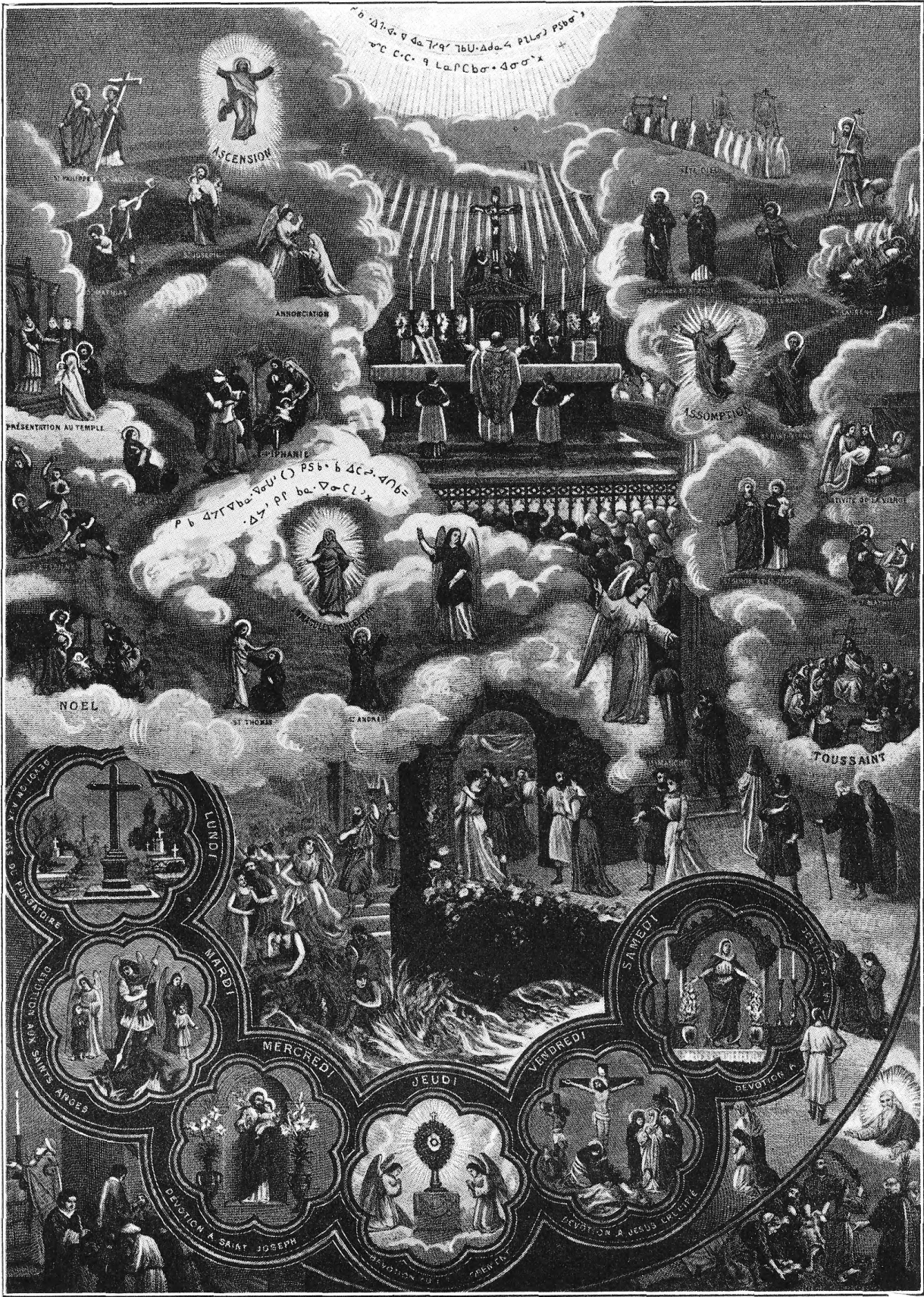
▽ ΔΛC· P·S·b' <ΠL P b Γ·C·C· 9 ΔC·ΔΠb·Δ>
P·Γ P·Δ·Δ·J> x

▽ b·Δ·P b <ΓC' ·Δ> C·C· 9 Γ<Πδ P·S·b' ·C
C·C· ▽ ▷ΓΔb·Δ> x

1° P·Γ P·Δ·Δ·J·Δσ·Δ', ▽·Δ·Δ', Δ·Δ·V>·b· Γ)σ ·b>· P·Γ
Γ·Γ·Δσ·Δ' V>·b· ▽ P·S·b' x ▽ ▷C·Δ·Δ·Γ)σ Γ·Γ·Δσ·
σ·Δ' V·σ' ▽ P·Δ·Π·Δσ·Δ', ΔΛC· Δ·Δ·V·S·b' P·C·σ·Δ' x

▽ 9 P·2< Δ·Δ·Δ·J·Δb·σ·Δ' , Δ·Δ·P·Γ Γ·σ·b·σ·Δ' ▽ P =
P·2<·x·Γ)σ ·b>· V>·b· P Γ·Γ·Δσ·Δ', ▽ ΔΛC· P·S·b'
·C Δ·Δ· ▽ ▷C·Δ·Δ' ; P·S·Δ' ▽ ▷C·Δ·Δ' Δ·Δ·U·9, ▽ ΔΛC· P =
S·b' Δ·Δ· Δ·Δ·Δ·C·σ·Δ' Γ·C· , Δ·Δ·Δ·Δ·Δ' x

2° ΔσΔ P·Δ·Δ·J·Δ P·S·b·Δ Γ·C·V b)σ' Δ>Γ·Δ·b·σ', ▽ =
·Δ·Δ·ΔσΔ: 1° ·C·C· P·S·b·Δ ·C·J·S P·Γ Δ>Γ·Δ·P·S·b', ▽ b ▽
Δ·P·Γ·b·U·P Δ>Γ·Δ·P·S·b·Δ; 2° V>·b· ▽ Γ·b', ▽ σ·Δ', ▽ C·b·P·
·C ▽ Δ>', σ·Δ) P·S·b·Δ V>·b· ▽ C·Δ·U' ▽ ΔΛC·Δ', ▽
Γ<Πδ P·S·b' ·C ▽ L·Π·Δ·P·S·b'; 3° ΔσL ▽ P·S·b' ·C·J·S
V>U·b' ▽ P·S·b'; 4° ▷▷ L·b P·S·b·Δ: ·C·J·S ▽ Δ·Δ·b·σ·Δ'
Γ·C·C· Γ·σ ▷ P·S·b', ·C·J·S Γ·C·V ▷Γ·C·C·Δ' ▷ P·S·b·Γ·Δ, ·C =
J·S L·Δ·P·S·b' x ▷L Δ·P', Δσσ·Δ' b C·S·9·Γ' ΔU·C·Δ·Δ'
P·Γ P·Δ·Δ·J·Γ' ·C·Δ· Δ·Δ·C·C· ▽ Δ>σ·σ': 1° ▽ P·Γ Γ< =
Πδ P·S·b'; 2° ΔσL ▽ P·S·b' ·C·J·S Γ·C·L·σ) ▷ P·S·b', V>U =



1° ∇ • 9^P ΔP \ C • C • ∇ Λ > \ ; 2° P P α) (L • Δ \ P 2L σ)
P P Γ • α P C \ Δ σ Δ 9 • b α b σ C • Δ P P Δ^P \ , 3° P P < d 4 σ] =
> \ L σ) • Δ 5 • ∇ σ P 9 • Δ σ σ • P P Γ σ P \ Δ σ P b • Δ 7 b U • Δ d =
α 4 • Δ P \ x > 7 • b - Δ σ Δ P 5 b • Δ , > Π σ b U • 7 b U • Δ d α 4 Δ • ∇ • Δ >

9° • <] 5 > Π P < σ P b P^U σ C • b P P 5 b • Δ , P Δ 5] α σ • Δ > P P
• Δ • ∇ 5 Δ d > \ P Δ 5] • Δ > P P U < 9 σ C d P • Δ b α • ∇ σ C L \ x

10° ∇ b ∇ • Δ > P 9 > \ ∇ P < > Π d P 5 b \ , P P^P P) C • L α α • >
σ Λ • Δ > 7 P^ σ C > α Δ b P • Δ > b P Δ P \ Δ σ L ∇ P 5 b \ ; P
P^P P Γ d α α • σ C P P α σ b P Δ Π P > \ x

∇ < > U • Δ P b U \ L P α P • Δ > 5 1 x

11° Δ σ L U C • Δ - L P α P • Δ > b Γ 5 \ • Δ < Π σ • ∇ L b > ∇ b • 9 =
P Δ Π < > 7 P^ σ C < • b C^ b Γ b \ b Δ^ • b P Δ d 5]^ σ Γ C α • P 5 b • Δ
“ P 5^ Λ > • ∇ d P P Γ^ • 9 P 2 L σ) , P Δ Π d > b • 9 P Δ • ∇ • Δ , Δ C σ • ∇
> d Δ P σ > \ P P Δ α d α • Δ P \ ” x P Π V σ P 9 Γ α • P α^ • 9 • Δ 5 Δ =
• ∇ • : “ Δ^ P α Δ b U • : α L • Δ α Δ α d α • Λ 5 5 \ Δ σ σ • ∇ > P Λ L =
Π P^ , L b Γ P^ • ∇ C) Δ > Γ • Δ > b > P < σ \ >) σ \ P 2 L σ) x Γ σ • C
L Π < , 4 , 3 - 4 x

12° ∇ P 5 <^ • b] P Δ α Δ σ b > b P^P σ • Δ P P b b σ • Δ P Δ σ Δ
σ Γ C α • P 5 b • Δ • <] 5 P P Δ > Γ ∇ P 5 b \ , P P σ^ P \ Δ U 9 , P • Δ < =
L α • 7 b U • Δ d α 4 , ∇ < P Π α L • Δ P Δ > Γ ∇ Λ d U σ • >^ b Π d σ \ Δ =
σ Δ ∇ > Γ Δ σ P , ∇ Λ d U • Δ P 5 b σ \ x Δ < P C • > L C 5 σ b α C • ∇ σ =
C • b \ Δ > • b Γ • ∇ • Δ > : “ P^P P , Δ σ σ • , ∇ Δ 5^ P • Δ > > σ C 9
• 9^P Δ b • Δ > > P P Δ 5^ P • Δ > > ” x

13° $\Delta\sigma\Delta \rightarrow b \Delta\Lambda\gamma\beta P L\rho\omega\rho\cdot\Delta\omega \cdot\Delta\langle N\sigma\cdot\nabla L b\cdot\omega \Delta\sigma\Delta$
 $\rightarrow \nabla \Delta^{\wedge} C\Delta\cdot\Delta P b \Gamma\sigma\cdot\Delta\sigma\cdot\Delta \setminus \Gamma b U\cdot\Delta d\omega\Delta\cdot\nabla\cdot\Delta, x$

14° $\Delta\sigma\Delta dCP\gamma b \cdot\Delta\cdot\Delta\gamma\beta P \rightarrow^{\wedge} C dCP\gamma L\rho\omega\rho\cdot\Delta\omega \cdot\Delta =$
 $\langle N\sigma\cdot\nabla L b\cdot\omega \Delta\sigma\Delta P\beta b\cdot\Delta b \triangleright N\Gamma\langle\sigma\beta \cdot\langle\setminus\setminus \nabla P^{\wedge} U\sigma C\cdot b P$
 $P\beta b\cdot\Delta, x$

15° $P\Gamma\sigma^{\wedge} P \setminus \Delta U9, \cdot\Delta P =, P \cdot\Delta\langle L\omega\cdot \Delta\omega b P\Delta\sigma\sigma\cdot\Delta /$
 $\nabla\gamma\gamma\gamma^2 b P \sigma\langle\Delta' \setminus \Gamma\cdot b = b b\cdot bCP\Delta\cdot\nabla^{\wedge}\langle, \Delta\triangleright N\triangleright d^{\wedge} x P$
 $d\Gamma C\cdot\Delta \setminus \Delta\setminus^{\wedge} b\epsilon d\delta\delta\cdot\Delta\gamma\rho\sigma\cdot P\Gamma \wedge\langle\Delta\cdot L\Gamma \setminus \triangleright\setminus\sigma\sigma \setminus; L b$
 $\Delta\sigma\cdot\Delta \setminus P \setminus^{\wedge} U\Delta\sigma C\epsilon P\Gamma \Gamma\omega \sigma\wedge' \Delta^{\wedge}\wedge = \cdot\Delta\omega \nabla L\Gamma\sigma C\cdot b =$
 $\sigma\sigma \setminus \wedge L N\rho\cdot\Delta\sigma\sigma\cdot x 2 L b V, 6, 18 x$

16° $\Delta\sigma E L\rho\omega\rho\cdot\Delta, \cdot\Delta P = b\cdot q\Gamma\Delta\cdot\nabla\cdot\Delta\sigma \setminus, \cdot\Delta\langle N\sigma\cdot\nabla L b, \setminus$
 $L d\omega\cdot\Delta, \nabla \Gamma\rho\omega\sigma\cdot\Delta \setminus \cdot\Delta\gamma^{\wedge}, \Delta C \Gamma\cdot b = \nabla \Gamma\langle\gamma N d P\beta b \setminus \omega C$
 $\sigma\Gamma \Delta\setminus C \nabla \sigma\Gamma\omega\sigma\cdot\Delta \setminus, x \Delta\sigma P b \sigma\Gamma\Gamma \setminus \langle P\beta\cdot\omega \setminus L\Gamma\Delta^{\wedge} d U \setminus \nabla$
 $C\cdot\Delta N L b\sigma\sigma \setminus \sigma\Gamma \triangleright\rho N\cdot\Delta \setminus, x$

17° $\sigma\Gamma \omega L N\sigma \setminus \Delta U9, J\omega^{\wedge} \cdot\Delta\langle L b\sigma\cdot\Delta, \nabla \Delta\gamma\cdot b\Gamma L' \Delta =$
 $\sigma\Delta \sigma\sigma\wedge \Delta\sigma\sigma\cdot\Delta, \nabla V\rho\omega\cdot b \setminus \Delta\gamma\Delta P\Gamma \sigma\beta\cdot\Delta\omega C\sigma\sigma \setminus \triangleright' \Delta =$
 $C\cdot\Delta\sigma\cdot\Delta\cdot, P\gamma^{\wedge}\wedge, \nabla b \cdot q^{\wedge} b N\rho\cdot C\cdot\nabla x J\omega^{\wedge}, 3 x$

18° $\cdot q^{\wedge} P U, P\Gamma\sigma^{\wedge} P \setminus, \cdot\Delta\langle L b\sigma\cdot\Delta, \Gamma\omega\cdot C J, \langle^{\wedge} N^{\wedge} / \nabla b =$
 $q^{\wedge} P L \omega\omega b\Gamma\Delta d\rho\cdot\Delta\sigma\sigma\cdot J C\Delta\sigma\sigma\cdot\Delta, P\Gamma \Delta\gamma^{\wedge} b\cdot\Delta\Delta' \triangleright \wedge L =$
 $\Gamma\Delta\cdot\nabla\cdot\Delta\sigma\sigma\cdot \triangleright\Gamma P N V\sigma\Gamma q\Gamma\omega\cdot\Delta x \text{ " } \cdot q^{\wedge} b N\rho \setminus, \omega\omega b\Gamma\Delta N\rho \setminus, P$
 $\Delta\beta U\cdot V\cdot, \cdot\nabla\gamma P\Gamma P\beta d\cdot\Delta \triangleright P L\cdot\Delta\cdot\Delta, V\rho\omega\cdot b \setminus \text{ " } x \Gamma\omega\cdot C L =$
 $N\omega, 3, 2 x$





σβρ·Δσ', ∇δC τ·C σα 9 ΔC>'x Γ·C LΠ<, 18, 20x

11° ·β>' PΓ Δ>ΓΓβσ·Δ', βC Λρ^9σJασ·Δ', βC C<= UσJασ·Δ', βC Δ^VσJασ·Δ' τ·C βC JΛα·Vρασ·Δ'x

12° Λρ^9σJ·Δ' ∇·Δδ PΓ LΓ)τσL' ·Δα Λδ P2Lσ) Δ= σL τ·C β ΔC' ∇ Δ>ΓΓ9>'x δC' 9·β' ∇ LΓ)τσΓβU' ∇= ·Δ·βσL ·Δσ9<σ·Δ' β 'ΔΓβU'x

13° PΓ Δ>ΓΓβσ·Δ' P Δ<ΓCσ·Δ' C<UσJ·Δ', ∇·Δδ PΓ βρ^Pρ>β ∇ σαΓρ·Δ τ·C PΠLρρ·Δ Δσσ·Δ>' ∇β ·Δ<^ ∇ β^P C>' P<^Λ' ∇β ·ΔΓΔC' P2Lσ)x "P2Lσ) α^δ^C= ·∇· β LLCδρσΓ, Lβ Γ· β· ∇σΓ9·Δσσ· β C<UσJσΓ"x Γ·C 7Γ^, 4, 6x

14° PΓ Δ>ΓΓβσ·Δ' ∇ Δ^VσJασ·Δ', ∇·Δδ PΓ 9Γα∇σ= CL' P2Lσ) PΓ α)CC', ∇ Π^C)C' β P Δ>CL9', ∇ Δ·U': "Λδ 9·β' 9 α)CL9<·9 Δ^Λ 9 Δ>ΓΓ9<' , C·V CJ' PΓ Γσβ·Δ<' , ∇δ Lβ 9 ΔΠΠδ<'x Γ·C L^', 11, 24x

15° PΓ JΛα·∇ρ·Δ Δ>ΓΓβσ·Δ', ∇·Δδ ∇β·Δ^β' PΓ >σ Δ>ΓΓ9>' , <ΠL ΔσL β α)CL9>' <PΠαLβ·Δ>9x Δ·ULβ' β>^ Lσ)·ΔLραΔβ': "∇·∇σCδρ· Δα Δσσ· β α)C·Δ', Δα β Δσ·ΔΛ' C·C· ∇ Pβσ', σ' Δ^·βUΓ'x

16° P αC·∇σCδραα· PΓ Δ>ΓΓ9>' 7ρ^ Δ' ΔJσβρ·Δ= σ'; ·∇^ ∇·Δδ ·Δα Δ β^PCL9·Δ' 9 ΔΓ Γσβ·Δ>'x ·Δα ΠΛα·∇ PΠδα·: "C·V, C·V, P' ΔΠα·Δ·, P<^Λ' β·9Γ7·9

▷NVσf9 • ▷' <▷Γf9 • Δ, x

▽ <▷U • Δf6U \ Lf2e' • Δ, 53x

1° <σΔ b ΓfNP b <ΛsP Lf2e' • Δe • <KΠσ • ▽Lb • e ▷
NVσf9 • ▷' <▷Γf9 • Δ, x <σL • ▽f ΔfσbU \, P NVσf9Γe •
f' • Δe ΠΛe • ▽ P ▷fC • P f P^P_σ <L C \ C_σ 9 Δf <▷Γ =
f9 > P < x Γ_σ • C L'Π, 6, 9x

2° ▷NVσf9 • ▷' <▷Γf9 • Δσ \, ΔC • b, σbσ • ΔCL9 • Δ,
σ^C σ • s^e e)CL9 • Δe x <σΔ σ^C(σ^C) e)CL9 • Δe ▽ <Δ =
fC \, P <d4σ_Λe • P f ▷f P^UσΓ' P2Lσ) x <σΔ dCP >
σ▷ ▽ Δ • U \, P <d4σ_Λe • P f • ΔfΔb • Δ \ ▽ <Lδ • Δ \
σ^C ▽ • Δ > • Δ \ x

3° σbσ Δ • U • Δe, ▽ • b_σ ▽ΠC • bP: "σC • Δe, P f d \ ▽Λ =
> ", ΔC f_σ ΔbU • Lf_σ Δbσ \ • <P = <σL b Δf Lf_σ U \ P f P =
f \, ΔC P2Lσ) b Δf Γ • σC Γ < \ <▷2σ • < σ^C ▷Γ_σ • C • Δ x

4° <σL σ^C(σ^C) <▷Γ • Δ: "σC • Δe", P' Δf P^P f_σ d_σ •
P2Lσ) ▽ ▷C • <Δf f_σ Γ C \, ▽ ΔUσC d f \ σ^C P f <▷Γ ▽^C • <
▽ <P < \ σ^C ▽ LΓ f_σ C • < \ CΛ^d = C • ▽ ▷C • ΔL • x

5° Δ • Cσ • < \ <σf: "P f d \ ▽Λ > " x P f P^P f \ ▽ < =
> Γ < \ Δe b L • <f NVσC \ P f P f_σ σ • σ^C <^P σ • x

6° σ^C(σ^C) e)CL9 • Δ: "bC • Δ P^Uσf bU • P' Δfσb f =
• Δ" x ▷L P' Δ • C_σ •, P2Lσ) P f ▷f P^9σΓ d' σ^C < =
> b d' Γ_σ • ▽ ▽ C) ^b σ f_σ f Δσσ • < x

7° <σL Δ^ΛΓ \ Lf_σ Δ, eLΠσ \ ΔU9, • <KΠσ • ▽Lb, ▽



Γ. 2. Δδ' Δε ∇β β σ(ΔU' Δσσ., Γ. β. C ΛUαxΔL Δ. U< >
∇ Γ. α. Γ. Δ': "Δ' Δσσβρ. Δσ. γρ., α. Η. U. U. ∇. Γ., <ρ. δ. β. C
Λ. J. U. x. Δ. σ. Π. γ. Δ. β. α., 3, 6x P Δσ P^9σCδC. ∇. P. 2. L. σ.) . Δ
Δ' Δσσβρ. Δσσ. ∇ Δσ ρ. δ. C. Δ' ∇ <ρ. β. *P. Δ. L. β. σ. σ. Δ' Δ'
Δσσβρ. Δσσ. γρ. Η. x

8° σ. ρ. α. J. C. L. 9. Δ. Δ: "P' Δ. P. L. Δ. Δ. β. C . Δ Δ. Π. Γ. <σ. σ." x
Δ. L ∇ Δ. U. > P <δ. γ. σ. J. α. α.: 1° P. 2. L. σ.) P. Γ. ∇. Γ. P. 2. <Δ. Π. ρ. =
. Δ. Π. ∇. σ. Γ. 9' P U. Δ. α.; 2° ∇. >. β. P. J. β. P, P. Γ. <P. Π. σ. C. P. Γ.
. Δ. Γ. Π. ∇. σ. Γ. 9. L. P. Γ. P. J. δ.; 3° Γ. ρ. ∇ ∇ C) ^ β. σ. ρ. Γ. Δ. σ. σ. Δ.
Δ. P. Γ. Δ. Π. ∇. σ. Γ. 9. Γ. Δ. Δ, P. Γ. J. J. 2 β. C L. L. Δ. Π. ∇. σ. Γ. δ. Γ. P. 2. L. σ. =
J. Δ. β. C β. L. Δ. Γ. Δ. P. L. Δ. σ. Γ. γρ. Η. x

9° σ. Γ., Δ. σ. L. L. ρ. α. Δ. β. γ β Δσ Δ C. β. P Δσ. Δ Δ. > Γ. Δ. α., β
P. 2. Δ. σ. σ. Δ' J. Λ . Δ. <L. β. σ. Δ. ∇ σ. β. σ . Δ. C. P. Γ. Δ. Π. Γ. <σ. σ.
Δ' Δ. P. L. Δ. Δ. P. 2. L. σ.) Λ. Γ. Δ. > Γ. ∇. ^ β. σ. : "γρ. Η. > ρ, P β. Δ. =
ρ. Η. >, ∇ P^U. P. C. β. Δ. ρ. γ. Δ. > Δ. Γ.; ∇ C ^ β. σ. ρ. Γ. Δ. σ. σ. Δ. P
β ∇. Γ. α. Π. β. Δ. Δ. Δ. Δ. Γ., β. C ∇. C. Δ. Γ. σ. ∇. Δ. α. β. C L. β β. C
P. 2. L. σ.) . ∇. σ. Γ. Δ. Δ. Π. ∇. σ. Γ. 9. Δ. Λ. Γ. P. α., β. C β. C P^U. σ. C. L.
P J. ^ C ^ β. Γ. δ. σ. C. Λ δ. ∇ <ρ. β. σ. σ. " x J. Λ, 13, 13x

10° σ. ρ. α. J. C. L. 9. Δ. Δ: "∇ Δ. U. σ. C. L. > β. C . Δ J. Γ. β. U. Δ. C
Δ. ^ P. C. Λ. ^ δ. P. J. δ." x Δ. Δ Δ. > Γ. Δ. α. <δ. γ. σ. Γ. δ. P. 2. L. σ.) P. Γ.
<P. Π. α. L. C. γ. ∇. σ. Γ. 9. Δ. σ. σ. P. Γ. α. α. Δ. C. Δ. Δ. C Δ. ^ P., C. Λ. ^ δ.
Δ. > 2. σ. Δ β Δσ α. α. Δ. C. δ' P. Γ. P. J. δ. x

11° . Δ. P. Δ. σ. L. L. ρ. α. Δ. β. γ β Δσ Δ β. P Δ. Δ Δ. > Γ. Δ. α., . Δ. = .

<Lσ•Δ> 7² √ PΓ LΓσΓσC]•Δσ\, ΛΓ σC•ΔPΓbσ\, ∇ =
C' ΔC•Δ>: "σC, Pσ^Λ> •Δ)C]•Δσ, ΔbUaL•Δ> ΔL Γσ•b=
b>; ∇σ•∇\ Lb, aL•Δa σa ∇ ΔUσCL>, Lb ∇ ΔUσCL> Pa,
bC •Δ ΔP>"x Γσ•C σ\, 22, 42x

12° σ>_a)CL9•Δ>: "Γσa> Δσ- b Pσb\, 9 ΔΓ ΛLΠσ>"
P' Δσ a)CL•Δa• P2Lσ) PΓ ΓσC\ ΔσΓσ• 9 ΔΓ ΛLΠσ>
∇ •Δ>•Δ> σ^C ∇ ΔLd•Δ>

13° ΔσL 9•b> Γ>• b aC•∇σC]Lb\, ∇•Δd ΓΓσ, •ΔaΓb>, σ^C (Λσσ]•Δ>x

14° 7² √ √^)^ P Δ<ΓC• ΔσΔ Δ>Γ•Δa: "9 ΔΓ ΛLΠσ>"
∇ •Δ P^PσΔLC\ PΓ a∇σCΓΔd> ΔσL Λd Γ)σ b aC•∇σC=
•b\, ∇b Lb PΓ b•9Γ9]σ> σ^C Λd Δb•ΔCL\ Δσ•ΔP<σ•Δa,

15° ΔσΔ b aC•∇σC\ ΔL\, ∇•Δd: 1° Δ' Δ>Γ•Δ> P2Lσ)
2° <4PΔ•∇•Δ σ^C ΔσΓ9•Δ σ•∇σΓ9•Δ>; 3° Γσ•C Δbσ^=
Π•Δ>, ∇•Δd "Δa ΛLΠσ•Δ Δa da• PΓPσd\ b ΔΓ<σ\"x Γσ•C
J>, 6, 41x

16° ΔσL Lσaσ•Δ>, •ΔP- LσaΔbσ\ b Δσ ΔC•b\ ΔL a)=
CL9•Δ>, •Δ<Πσ•∇Lb> Δ>2σ• ∇ VC•Δ' V>\ Δada•Δ ΔσΔ
ΔP^P•ΔΔ9•Δ ∇σ>h, <•bC^bΓb\ x3 PΓΔPL•Δ\, 19x

17° σ>_a)CL9•Δ>: "<PUσCL•Δa> σ •ΔσΔΠ•Δσaa, ∇
Δσ <PUσCL•ΔPΓ\ ΔσP b •Δσ)C•Δ>ΓΓ\"x ΔΔ Δ>Γ•Δa ΔL
Δ•ULb•a: Pσ^Λ> aC•∇σL•Δ•9 P2Lσ) PΓ •∇VσCLC\, Pa=
a• σ^C P aC•∇σC dσaa• PΓ •∇VσCL•Δd\ ΔσP b P •Δσ=

2000.6.10. 18. 19. 20. 21. 22. 23.

18° 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

19° 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

20° 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

21° 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

22° 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

23° 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

הסך • Δσσ • פזלס) • Δx (סגט, 6, 16x

Δזס • Δ Δ^uΓ^uב⁹ • Δx

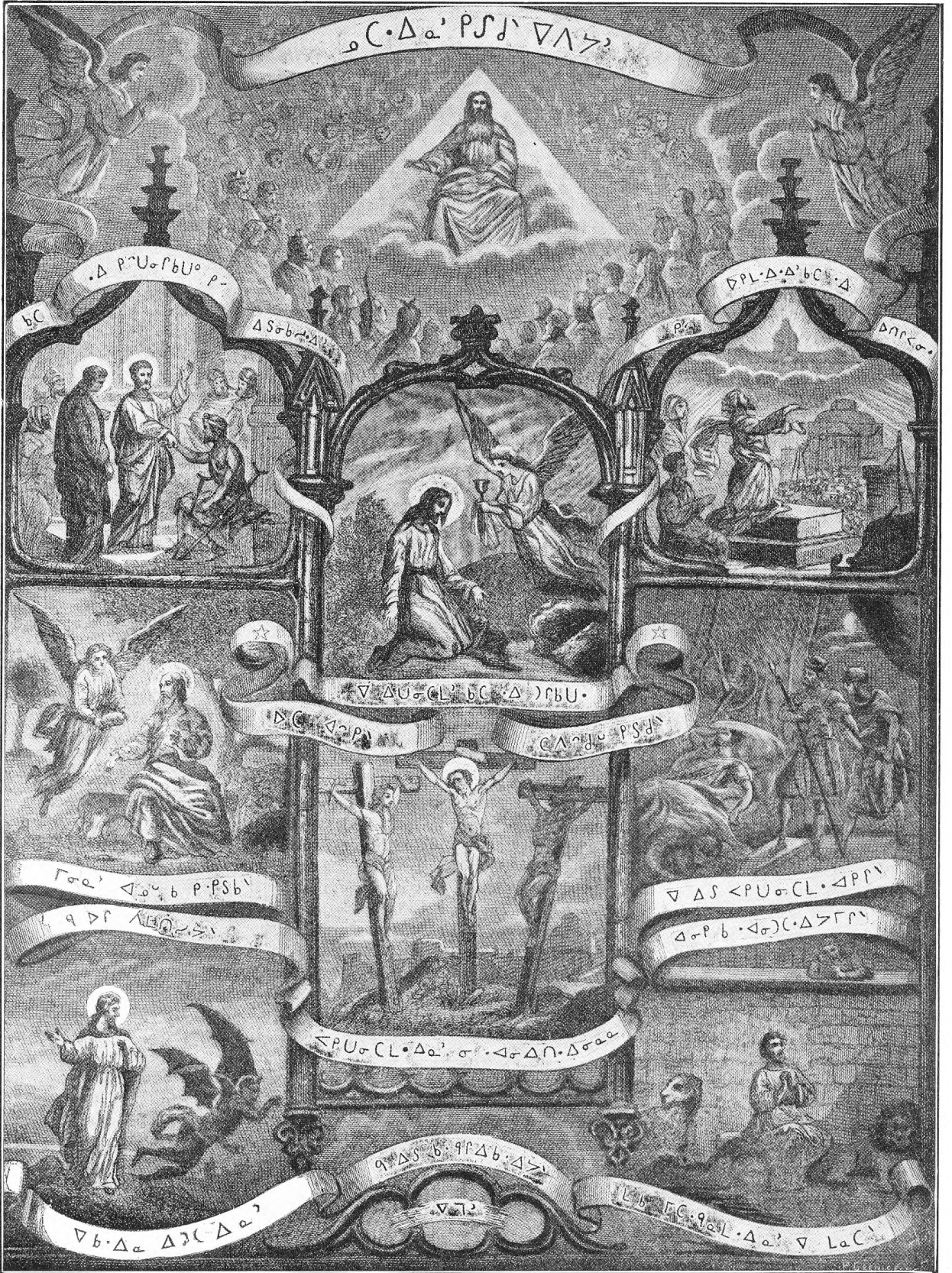
∇ <U • Δר^bU\ לר^aר • Δ 54x

1° Δזס • Δ Δ^uΓ^uב⁹ • Δ Δס^bU, • ∇ ΔσΔ Δג^Γ • Δ_a
P Δר^cΔ > פזלזס • ב^a∇^τ, ∇ Δ^uΓ^uב • Δ' ב ∇σ^cד^r =
ס^r Δ^uפ^σפ^σ • 9 • Δ, Γ_a • C ג^σ • Δ, Δ[∧] ב • ΔCL • Δ[∧] > פ^r Δ =
ב • ΔΓ^dס^r Δ[∧] ל^r Δ • ∇ • Δ: "פ' Δ^uΓ^uב⁹ ∇, • ג^uפ^σב^d > Γ =
ס^d • Δ^r • Δ, Δ∇σ^r 9 • פ • Δ^γ • Δ\, פ ∇σ^cד^r ∇ ΔC^r ∇
Δ^σ • 9 • Δ\ x" Γ_a • C >, 1, 28x

2° ΔσΔ דC^p > Δג^Γ • Δ_a: "ס[∧] C ג^r ב ס^c • ΔPΔ' ∇ =
ס^cד^r •" P Δ • U < Γ_a • C ∇σ^h ∇', ∇ ∫^uפ^σב^d Γ_a Lσ) • Δx
Γ_a • C >, 1, 41x ΔσL דC^p Δג^Γ 9 • Δ P אP^c < Γ_a • C b =
ס[\] Δג^Γ ∇[∧] ב, • ∇[∧] ב - : "Γ_a • C • Δ > ג^σ, • ∇ ב • ΔΓ[∧] \ פזלס)
Δג^Γ ∇[∧] (L • Δ_a ∇ L^r • C >, Δ_a = ס[∧] C • Δ ס[∧] > 9x Δג^Γ &

3° "פ' Δ^uΓ^uב⁹ ∇", Δ • U < Δזס • ג^σ ב = ∇ ΔC' ∇ P
• Δ • ∇_a < Γ^dס^r פזלס) • Δ, ∇ ΔC^r ∇ Δ^σ • 9 • Δ\, פ^r Δ ב • ΔLס^r
פזלס) Δד^r > ΔC^p Δ • U • Δ_a: "• ג^uפ^σב^d > Γ^dσ^d • Δ^r • Δ"
Δ • UL ב • א ∇ ב • Δ[∧] ב = ∇ P ∧^r ב^d Δσ[∧] 9 • Δ ס[∧] C ∇_a • ∇
<[∧] (Δ) • Δσσ • ס[∧] C, Δ[∧] ד_a \ ב Δσσ • ΔΔ^bσ • Δ', ∇ P ∫^uפ^σ =
ב^d ∇σ^r 9 • Δσσ • ס[∧] C Γ^r • ∇ Γ_a • א^r • Δ_a ס[∧] C דC^p > P =
ס^d • Δ Γ_a • ∇ • Δ_a x

4° "Δ∇σ^r 9 • פ • Δ^γ • Δ\" פזלס) • Δ P ∧^r ב^d ∇ ΔL =



$P \supset \exists C \cdot \Gamma \cdot C \cdot b \supset \sigma \setminus \Delta \supset \Gamma \nabla \wedge b \supset x \cdot \nabla \wedge P \Gamma \cdot \nabla \wedge b = , \Delta \cap \Gamma \cdot a \wedge =$
 $< = \nabla \supset \Gamma \Delta \Gamma \setminus P \Delta \cdot \supset C \cdot L \setminus P \Gamma P \wedge U \sigma \cdot L \Gamma \Gamma \cdot C \Gamma \sigma \cdot \Delta C \wedge \wedge =$
 $d = P \supset L \sigma \supset \supset b \cdot \Delta \supset x \cdot L \supset a \supset \cdot \Delta \supset \nabla \supset \setminus \cdot \Delta < \cap \sigma \cdot \nabla L b \supset \nabla \Gamma \sigma d \Gamma$
 $\Gamma \cdot C \Gamma \sigma P \supset L \sigma \supset \cdot \Delta b \sigma \supset \supset \nabla \supset d \sigma \Gamma , P \Gamma P \supset \supset P L \wedge \cdot \supset \Gamma d \Gamma \Delta \supset =$
 $\supset \sigma \cdot \Delta \supset \supset \wedge C \Delta \sigma \sigma \cdot \Delta x$

8° $\Delta \cdot C \sigma \cdot \Delta \supset : \underline{\underline{\Delta \supset \Gamma \nabla \wedge C L \cdot \Delta a \supset \nabla L \Gamma \cdot C \supset \setminus}}$, $\cdot \nabla \wedge \cdot \Delta a$
 $\Gamma \cdot C \Gamma \sigma , \Delta U \sigma C d \Gamma \cdot C \wedge \wedge d = \nabla \nabla \supset d C \wedge \wedge P \Gamma \supset \wedge \cdot \Delta \Gamma b \Delta \supset \supset =$
 $> \Gamma \cdot \Delta P \Gamma \supset \cdot \nabla L \sigma \supset \cdot \Delta \supset \cdot \nabla \sigma \Gamma \supset \supset \cdot \Delta a b \supset \supset \cap \cap d \Gamma \setminus \Delta \sigma \sigma \cdot \Delta \setminus x \supset \supset \wedge$
 $\Gamma \cdot C \supset \supset \cap \supset \cdot \supset \wedge C a \supset C L \supset \supset \wedge C L \cdot \nabla \cdot \supset L \Gamma \cdot C \cdot \Delta x \Delta \sigma L L \supset a \supset \cdot \Delta \supset ,$
 $P \cdot \Delta < L b a \cdot \nabla \Delta \supset \Gamma \nabla \wedge C L C \setminus P \Gamma P \supset d \setminus , \nabla \sigma < \wedge d \wedge C \cdot \Delta \Gamma b P =$
 $\supset L \sigma \supset \cdot \Delta \sigma \Gamma \supset d \supset \supset \wedge x$

9° $P < d \supset \sigma L a \cdot b \supset \cdot \nabla \sigma C d \Gamma \Gamma P \supset \supset P L \wedge \cdot \supset \Gamma a \cdot P \Gamma \Delta \supset =$
 $P \nabla \wedge C L C \setminus , \underline{\underline{\Delta \supset = \supset \wedge C \cdot \Delta \sigma \wedge \supset \supset \supset}}$ $x P b a C \cdot \nabla \sigma C \cdot L a a \cdot \supset$
 $\cdot \Delta \Gamma \Delta \cdot \nabla \cdot \Delta \supset C \supset \supset , \Delta \sigma d \setminus \supset \wedge L \cap \supset \supset \setminus ; \supset \wedge C L b \Delta \cdot \Delta \supset U , \Delta \wedge \wedge$
 $\cdot \Gamma \Gamma \nabla \cap a b C L \supset \Delta \wedge P x L \supset a \supset \Gamma \cdot C \Gamma \sigma \nabla \nabla \Gamma \supset d \supset \supset \wedge C \cdot \Delta \Gamma \Leftarrow$
 $\sigma \Delta b \supset \sigma \wedge L \cap \supset \sigma \Gamma \Delta \cdot \nabla \sigma b a , \supset \wedge C \nabla \cdot \Delta a a b \Gamma \Delta \Gamma \nabla \Delta \cap \Delta \supset =$
 $\cdot b C \supset \sigma \Gamma x$

10° $\Delta \supset \supset \sigma \cdot \Delta \Delta \supset C \Gamma \supset b \supset \supset \cdot \Delta \sigma \supset \Delta < \Gamma C \sigma \cdot \Delta \supset a a b \cdot \Delta \supset \Gamma \Gamma \supset \supset \cdot \Delta a$
 $b L \cdot \Delta \Gamma P \wedge U \sigma C \cdot b P , \nabla \cdot \Delta d \text{ " } P \supset L \sigma \supset \supset \Delta \supset \supset \sigma L \text{ " } b \Delta \cdot C =$
 $\sigma \cdot \Delta \setminus \supset \wedge C \Delta \supset \Gamma \nabla \Gamma P \supset \supset \setminus x$

11° $\Delta \sigma L \text{ " } P \supset L \sigma \supset \supset \Delta \supset \supset \sigma L \text{ " } , \nabla \cdot \Delta d \Delta \supset \Gamma \Gamma \supset \supset \cdot \Delta \supset b \supset \supset \Gamma$
 $P \wedge U \sigma \Gamma b U \sigma \setminus \supset \supset \Delta \sigma \sigma \cdot \Delta \Delta \cap \supset \cdot \Delta \supset \cdot \nabla d \supset \supset \Gamma \Gamma x \sigma \supset \cdot C \cdot C \cdot C \cdot \nabla$
 $P \supset b \setminus \Delta \cdot C \sigma \cdot \Delta \supset , \nabla \supset P \supset \supset \supset \setminus , \nabla \Delta \wedge C P \supset b \setminus \supset \wedge C \nabla \supset C d \supset \supset \setminus .$

7.6 = b L.UU \ L.UUrb > x

12° < > Γ ∇ Γ P 4 \ ∇ < P Γ Γ \ , σ > α β γ < < < Γ C σ < < ∇ Γ Γ =
C.C. "P / < C Γ b Π > Γ σ" x < σ Δ C) Γ C C / ∇ < < ∫ ∫ < P =
Γ Γ \ , Δ < C σ < < ∇ > > b < " < C < Δ α > P ∫ d \ ∇ Λ > > " P Δ < < b L b
∇ > > b < " b C < Δ P ^ U σ L b σ < < ∇ > > C < Δ L < " Γ < b - b Δ < C σ < < =
P < σ Δ Γ Γ C C / , L Γ) < σ Γ b U σ < < b , P Δ P σ σ P Γ Γ ^ < ^ C > b =
< Δ > x

13° < > Γ ∇ Γ P Δ L < < P Δ) < Δ σ \ ∇ < ∫ C P L b σ < Δ / < < ∇ α , ∇
L Γ α Δ b U σ \ > / Δ ∫ σ b Γ < Δ > < σ L L Γ α Δ b σ \ , Γ Γ < C > \ Δ ∫ b ≠
P C L Γ < < > Γ ∇ < P U σ C L 9 < Δ α , < > Γ ∇ Γ P 4 \ > Γ x 1° ∇ > > b < ∇
< P L / Γ Γ < ∇ Γ P 4 , Γ < b - ∇ b < 9 L Γ) < σ C < L / b P ^ U σ C < b σ =
σ P b Δ P σ σ P Γ Γ ^ < ^ C > b < Δ > , 450 Λ > > α Δ σ d \ b ^ P C =
L Γ x 2° ∇ P P ^ b < < / < > Γ ∇ Γ P 4 , C < C < ∇ P ∫ b σ \ < < < P U
100 Λ > > α Δ σ d \ b ^ P C L Γ x 3° C < C < ∇ d Γ σ < Δ / , b Γ Γ =
< ∇ Γ L b σ σ \ < > Γ ∇ < P U σ C L 9 < Δ > b ^ P C L Γ , < ^ C Γ Γ / d C P >
Γ Γ < ∇ C) < < ∇ α , < C ∇ b ∇ Δ C < σ L L < < P Δ) < Δ σ \ , Γ P 4
∇ C d α / , b ^ P C L Γ C) ∇ ∇ > \ ∫ 2 Γ P α ∇ < P L / , 500 P ∫ b < <
Δ σ d \ < > Γ ∇ < P U σ C L 9 < Δ σ σ < x

σ > L Γ = 9 < b α x

1° L Γ = 9 Δ P σ σ \ Δ σ σ < > C < Δ ^ P \ , ∇ < < d σ Λ < Δ > , ∇ Π
< Δ ^ 9 < b ∫ L b \ L b Π < Δ σ 9 < Δ > , < ^ C P P P ∫ \ < ^ C Λ d L Γ Δ ^ =
d U < x

2° b C < < C > P P P ^ P Γ α σ < < \ C ∫ σ > > > σ > L Γ = 9 < b α ,



• ∇_L Δ_L ∩ C d a σ • Δ, P P e ^ d ^ C σ • Δ \ L P • C • Δ, ∩ ^ C P P
L ^ b • ∇ σ P b U \ ∇ Δ) ^ b • Δ / P 2 L σ) x L σ) • Δ L P a Δ b > P • Δ =
C L d a a • : " Γ P • ∇ Δ J P / Δ J P 9 • Δ e \ , b a P ^ P P P P J A < σ • Δ
a L • Δ • b = L b P b L P) U > " x

σ ^ Δ > x

3° σ ^ Δ > , ∇ • Δ d ∇ a b C \ Δ L \ Γ > • Δ σ • , ∇ a b C \ Δ L
Λ L P P • Δ σ σ • , ∇ Λ) 9 / L b b P 9 Λ L P P • Δ σ \ x

4° ∇ • Δ d Δ L P) C J • Δ σ • Δ • σ ^ C ^ P σ P Δ d a • Δ \ b Δ P ≡
P P d > \ σ ^ Δ > Δ C Δ ^ P \ x P 2 L σ) P Δ > • b Γ Γ < > Δ C • L ∩ ^ C
∇ < • Δ ∇ Δ C / : " Δ σ Δ Γ σ > b Δ J Γ σ J • Δ / Γ ^ P \ U C • Δ = σ =
C • Δ P P b σ \ b P L P / , ∇ b • Δ a P b Γ P a • Δ • , ∇ b P P σ ^ Δ > \ " x
2 σ ^ , 3 , 3 x a L • Δ a Δ P a a b C • ∇ σ C • L \ b Δ J • Δ C L P \ , L b
P C • V C • ∇ • Δ \ ∇ • Δ J P Γ d P \ L P L σ) • Δ ; P Γ P • Δ \ L b Δ σ =
Γ σ • b P Δ P Δ P \ P P Γ P P \ Γ σ P σ • x b Δ J b ^ P C L P P \ Δ σ L
∇) C P \ , ∇ • Δ d : P • Δ a • Δ P > • Δ b σ • Δ • Δ \ σ C • Δ P P b σ \ Δ P ; P
Δ U σ C d P • Δ \ , Δ P P Δ / Δ σ ^ 9 Λ L P P Γ • Δ • Δ , P P b • b C 9 σ J P \ Λ =
L P P • Δ σ \ ∩ ^ C σ ^ Δ > \ x

5° ∇ • Δ d • ∇ P 9 P a < σ C • b \ P P σ ^ Δ > \ Γ P • ∇ , ∇ a ∩ b P C =
σ • Δ σ σ \ Δ L P) C J • Δ σ • Δ • σ ^ C ^ P σ P Δ d a • Δ \ x Δ • U • Γ P • C
> T : " Δ C J • Δ P b U σ • Δ σ σ • Δ \ ∇ > • b • P P σ ^ Δ > \ " x ∇ ^ P • Δ , 9
27 x

6° σ ^ Δ > b C Δ P P < σ • Δ ^ Λ ∇ U σ C 9 P 2 L σ) x P P Δ P P < σ
9 P a < σ C • b > , L b Δ ^ Λ ∩ ^ C C > C 9 Δ J Δ P P P d > \ , a L Δ • ∇ a

2. PC. PΓ Δ. U' x

7. P₂Lσ) P α∇σC' ∇b PΓ P^9σCΓΔC\ <σL Π<Δb',
ΛP₂bσ\ 9 σΛ>, Cσ PΓ <∇σ> PΓ σΛ>; ∇h Jα P^=
9σPbU. Cσ∇ <σL LΓ = ∇ Pσb\ 9 ΛLΠP> x

8. PΓ Γ)σ <∇σασ< PΓ σΛασ<, αC∇σC.b) PΓ
P C.V <σΓ∇. <ΠPασ< P^C PΓ ΔΠσbUP LΓ <σΓ∇Lσ)=
bP. Δα x

9. αL. Δα bC VΔ< <∇α <ΠL <δP. Δ) PΓ ΔΠΠδ',
PΓ <∇σΔΠP' PΓ σΛ' x bC b9<UσC.b< ∇b ∇ <∇σΔ=
ΠP' <∇α PΓ ΓσσΛ' x ∇. bσ b C\ <α b LΓ. C' b Γ=
σP' Δσσ., Lσ) ΔL'αΔbσ\ b <σJΓ' x

"∇> Lb <σP b LL. Δ ΓΠσΓ Δσσ< ΔP P ΔΠδ: "9^=
PσΔL9>, <σΓ σΓh) PΓ σσC' ΠΛα. ∇. ΔP. Δσσ., <ΛC. σα
PΓ <σ>" x P ΔU. Lb: "Δσσ., <∇α b Π<^δσ9. Δσσbσ'
σ^C LΠαL9. Δσσbσ' PΓ ΠVσΓC.b\? P ΔU. Lb: "b.=
ΓP^C\ σ^C <P^C\ ΓP. ∇ J^UαL9. Δ, ∇h Δσσ. ΔΛ=
LΠP. Δ, αLh. <σL b ∇. ΛΓ. ∇σΠP'" x P ΔU. Lb α^Λ=
C. ∇ <Cσbσσ., ∇ Δ. U': "P' <^P, ∇> ∇ ΓσP' Δσσ.
Γ^CΔ P σC. ΔP(Lbσσ. x P Γ)σσC' Lb Δ UΔ\, ∇ Δ. U':
"Cσ 9 ΔΠ>? ∇b ∇ <σ> ΔC. 9 <^C> σ σC. ΔP(Cbα?"
P Δ. U. Lb: "ΔL σ b C U: σ b ΛδΛU) σ C.bΔ9. Δb=
Γ.b, σ^C σ b ΔσC) <σP U b ΓσP x ∇δC Lb 9 <^C> Γ=
P. ∇ σ σC. ΔCbα σ^C σ' <σαxσ b ΔC. Lb σ' <L\; σ'

ΔΛ\, P' Δ> ΓΓ' Δ<ΓC•Δα ∇ αΔ^Uφ, 9 Δ^<σP ΓΓ' Λ=
>•αxΓΓ', Γσ•9, ρ^C JF9σC"xLb P2Lσ) P ΔU•: "Pα
P••9b>, Δα= 9 ΠΛ^b\ P' ΔΛ\ P b αC•∇σCLb•Δ>x ∇d
Lb Δ•∇α 9 ΠΛα•∇•ΔP' ΔσΔ 9•bα b P αΔ^C>>?" ∇d
CΛ^d= ∇Π' Δα b αΔ^Cρ' ΓPρ'•Δα, ∇b Lb ∇ ΓPρ' b
ΔUσΓd' P2Lσ)•Δx Γα•C α\, 12, 13x

∇ <U •ΔPbU\ Lραρ•Δ> 55x

10° ΔΔ Lραρ•Δα P ΔJαdCσ•Δ•α PΓ ΔΓ bσP^Pρ>\ σ=
Λ•Δ>, PΓ ΔΓ ΔJαL\ ∇ LΓσC•bP Δ^P•Δ 9•bα ρ^C PΓ
α∇σCΓΔd>\ bP9 ΛLΠρ•Δ>x

11° ΔσL b Γα\ Lραρ•Δ>, *C>•γ >^2>, ∇>\ ΔPL• Δ'
ΔPL•Δ•Δσ\ U^C^, 5, PΓ ΔPL•, P •Δ<Lα• ∇ σ<•Δ' ΔΠ^=
b• ∇ σΛLbσσ\ •Δ>•Δσ• ΔσΔ PΓΔPL^•9•Δ, ΔγVα, *C>=
•γ P ΔCρ•ΔCbσ•Δ<> PΓ Δ)C•Δ', \Uα' ΔC•Δσ\, ΔC 9
ΔJ αΔPbUσ\ xΔ^Λ •∇ΠPbU\ ΔC•Δ>, P<ΔΓ^Π•b', Jγ\ ∇J
JΓbUP<>, P Δ<ΔbU• PΓ 9ΓαΔασ•Δ\ C•V Δ>C ∇ ΛΓΠσ=
σ\ •Δ>• Δα PΓΔPL^•9•xLb Δ^Pγ\ ∇ P Δ^ΛΓ <P<σσ\
ρ^C ∇ σJ•ΔαΠρα•bσσ\, αL•Δα ΔΓ σρC•Δα•bσσ•x Γ)σ
ρ^C •ΔΓPΠσσ<> •Δ>α, ΔL ∇ <•bρα•b\ ∇ bα•Δ<ΓbU\
P LΓ)ρσCΓΔd *C>•γ, ρ^C •Cγ\ P •∇Λα' Δ^Pσ• Γρ•∇
ρ^C P^UσΓΠρ•Δα ρ^C LΛCδρ•Δα, •Δ^bC P 7bU•Δdα<=
•Δ• ρ^C P Γα•C•Δ•, ∇ ΔJCPΓ' γρ^α Δ' Δ>Γ∇L•ΔΓΔ)=

12° $\Delta\sigma\Delta$ $\sigma\sigma$ $dCP \triangleright$ $L\sigma\sigma\sigma\Delta\sigma$ $\Delta^{\wedge}\Gamma \setminus$ $L\sigma\sigma\sigma\Delta \setminus$ $\forall \setminus$ $a =$
 $\forall \cdot \sigma^{\wedge}C \forall \setminus$ $\Delta^{\wedge}9 \cdot$, ∇ $b\sigma \cdot \Delta \langle \Gamma \cap \sigma \setminus$ $\cdot \Delta \langle \setminus \cdot \Delta \sigma \setminus x \cdot \Delta P =$ Lb
 $\Delta \setminus C$, $\Delta C \sigma \Delta b U \cdot \Delta \sigma = \nabla$ $P \sigma b \setminus x$ b $\Delta \sigma$ $Lb^{\wedge} U \sigma P \setminus$ Lb , $\nabla \sigma =$
 $b \sigma \cdot \Delta \sigma b U \sigma \setminus$ \triangleright $\sigma \wedge \cdot \Delta \sigma \cdot \Delta \cdot$, $\Delta C \sigma \Delta b U \cdot$: $\cdot \Delta \langle 9 \setminus x$ b $\Delta^{\wedge} \Gamma$
 $\wedge \setminus \sigma \sigma \cdot b P$ $\Delta \sigma L$, $\Delta \sigma = \nabla$ $P \sigma b \setminus$, $\Gamma \cdot b = \nabla$ $\Gamma \cdot \sigma \setminus \Delta \sigma \cdot \Delta \setminus$ $\sigma^{\wedge} C$
 ∇ $\Gamma \cdot \sigma L \sigma \Delta \sigma \cdot \Delta \setminus$ $\sigma^{\wedge} C$ $\Delta \sigma L$ 9 $\cdot \Delta \langle \setminus$ $\Delta^{\wedge} \wedge$ 9 $\sigma \wedge \sigma \cdot \Delta \setminus$, $b C$
 $\setminus C \setminus \setminus \setminus$ $\Delta \cdot \nabla \sigma$ $\Delta \cdot \Delta \sigma U$ $P \sigma$ $\Delta^{\wedge} U \sigma C \setminus$ $\Delta L \sigma \cdot \Delta$ $9 \cdot b \sigma$ ∇b $b P =$
 $\sigma \wedge \langle \sigma \sigma P$ $\cdot \Delta^{\wedge} b = \Delta^{\wedge} \wedge = \Delta^{\wedge} P \cdot \Delta$ $9 \cdot b \sigma$ b $L \setminus \cdot \Delta \langle \sigma \sigma P$ $\cdot \Delta \langle = x$

13° $\sigma \sigma$ $L\sigma\sigma\sigma\Delta\sigma \setminus$, $\cdot \Delta \langle \sigma b U \cdot$ $\sigma \langle \Delta b \Gamma \setminus$, $\Gamma \sigma \cdot \nabla$ $\nabla^{\wedge} \wedge \setminus$ ∇
 $P L \sigma \sigma \setminus$ $\sigma \langle \setminus \cap \cdot b \setminus$ $\sigma^{\wedge} C$ $\sigma \langle \setminus \sigma \sigma \setminus x \sigma \sigma$ b $\Delta \langle \Delta b U P$ $\sigma \langle \Delta b \Gamma \cdot b$
 $\cdot \Delta \langle \sigma \sigma \cdot \nabla L b \cdot \sigma$ $\Delta \sigma \sigma \cdot \Delta$ $\triangleright^{\wedge} b \sigma$ $b P \sigma \cdot \nabla$ $\wedge \sigma \sigma \sigma P x$

b $\Gamma \sigma \cdot C \setminus$ \triangleright $\sigma \wedge \cdot \Delta \setminus$ $\sigma^{\wedge} C$ b $L \sigma \cdot C \setminus x$

1° $P \sigma$ $\Gamma \sigma \sigma \wedge \sigma \cdot \Delta \setminus$, $\nabla \cdot \Delta \setminus$ $P \sigma$ $\sigma \wedge \setminus$ $\Delta \cdot \nabla \sigma$ ∇ $\wedge \sigma^{\wedge} b \sigma \setminus$ $\sigma =$
 $\cdot \nabla \sigma \sigma \setminus 9 \cdot \Delta \sigma \sigma \cdot$; $\nabla \cdot \Delta \setminus$ $L \cdot \Delta \setminus$ $9^{\wedge} U \sigma C \cdot b \setminus$ $\sigma \cdot \nabla \sigma C \setminus \sigma \cdot \Delta \setminus$ 9 P
 $\Delta \setminus \sigma \cdot \Delta \setminus x$

2° $P \sigma$ $L \sigma \sigma \wedge \sigma \cdot \Delta \setminus$, $\nabla \cdot \Delta \setminus$ $P \sigma$ $\sigma \wedge \setminus$ $\Delta \cdot \nabla \sigma$ $P \sigma$ $\langle^{\wedge} (\Delta) \cdot \Delta =$
 $\sigma \setminus x \nabla \cdot \Delta \setminus$ $L \cdot \Delta =$ b $\sigma^{\wedge} C U \sigma C \cdot b \setminus$ $9 \cdot b \setminus$ 9 P $\triangleright \cap \cap \sigma \sigma \cdot \Delta \setminus x$

3° $\Delta \setminus \Gamma (\sigma \cdot \Delta \setminus$ $L \sigma) \cdot \Delta L \sigma \Delta b \sigma \setminus$ " \triangleright $\sigma \wedge \cdot \Delta \sigma \cdot \Delta \cdot \triangleright$ $L \setminus \cap =$
 $\sigma \cdot \Delta \setminus$ $a^{\wedge} \lambda =$ $L \sigma C \sigma \sigma \cdot$ " $x \sigma b \setminus \cdot \Delta \sigma$, 33, 22x

4° $a^{\wedge} \wedge =$ $C \cdot \forall$ $L \sigma C \sigma \sigma \cdot$, $\cdot \nabla \setminus$ $\Delta \sigma$ b $L \sigma \cdot C \setminus$ $\Delta \sigma \sigma \cdot \triangleright$ $\langle^{\wedge} =$
 $(\Delta) \cdot \Delta \sigma$ $a^{\wedge} \wedge = \nabla$ $L C \setminus \sigma b \sigma \setminus$, $C \cdot \forall$ $\Delta \sigma \Gamma \sigma \cdot$ $P \sigma$ $a b C \setminus$ $\Delta^{\wedge} P \sigma \cdot$,
 $\sigma^{\wedge} C$ $\Gamma \sigma \cdot \nabla$ $\Delta^{\wedge} P \cdot \Delta$ $\Gamma \cdot \sigma \sigma C \setminus \cdot \Delta \sigma x \nabla \cdot \Delta \cdot b \sigma \Delta$ $\wedge \sigma$ b P $\triangleright \sigma$ $\wedge L =$
 $\sigma \setminus \sigma \setminus$ $\Gamma \cdot b =$ b $\wedge L \cap \sigma \setminus$, $\nabla \cdot \Delta b \sigma \Delta$ $\wedge \sigma$ b P $P^{\wedge} U \sigma C \setminus$ $\sigma \setminus x P^{\wedge} 9 \sigma =$

Сс • Δ<= Δ<Δ P P б • б С P Δ d / L P Δ ^ d U σ • б P б ^ P C L P /
∇ L P Δ C П P / x

5° ∇ d ^ C U σ C • б \ σ ^ Δ ' P Δ J σ ^ • ∇ C / б < σ J P d / L =
σ) • Δ L P Δ б σ σ • x Δ J П C • < б а \ , 12, 19 - 23 x " Δ ^ Λ L б ∇ C /
б а а) а • < / Λ U а , ∇ б L б ∇ P ^ б • < / , P б • 9 P ∇ • < σ Δ б
б а • ∇ σ P d σ P x P Δ а а • ∇ • L б P P σ < < б σ • Δ σ P x ∇ P) U / L б
J C < ^ P \ Δ P , 4 5 U Δ C • Δ σ \ P Δ) U ; ∇ d C L б б C J 9 / x ∇ C /
а ^ Λ - P а < C • ∇ σ P • П П \ σ ^ C P) σ \ б Δ C σ P Δ σ σ • < , L б
• Δ а • < • P ∇ P а U • < \ ∇ P) C • < P \ ' а ^) ^ , P P Δ P L • <
Δ / <) ^ 9 а б σ L , P P Δ) U P P d P \ x P а C • ∇ σ C • L \ б > P • Δ P • Δ =
σ σ • : • ∇ C Δ / < ^ P • < • P Δ P Λ C > P P Δ P L • < Δ / < ^ P σ •
Δ P x ∇ > • б • L б ∇ P J б \ б P Δ а P P б U \ , ∇ C / , ∇ P P ^ б \ P P
Δ P L • Δ • Δ а P б а , P < Λ • Δ / Δ P L • < Λ • Δ σ \ , P < > P ∇ • L б x
< σ P Δ σ σ • < \ L б P U • ∇ • < \ , ∇ Δ • U P \ : " L σ) б Δ П C d P /
а L C • L б Δ σ σ • x • C C \ L б Δ П ∇ σ P 9 • Δ / < Δ ^ σ L P < б P ^ =
б d σ • < x • ∇ C а L • Δ а Δ P P P σ • P 2 L σ) • < P ^ U σ C d P • Δ σ σ • x ∇
J • Δ d / L б L σ d C , P σ ^ • " x

6° ∇ > • б > P Δ ^ Λ P d ^ C U σ C • б σ σ • Δ σ ^ • Δ > J C ^ , Δ
• < Δ J < P П σ • ∇ • x

" Δ ^ Λ L б б Λ) 9 P \ , P d ^ < C • Δ • < \ Δ ^ Λ P \ Λ ^ P P • < ^ б Δ =
б σ \ б Δ J C J 9 P \ , Λ U > σ ^ C P P ^ σ ^ C J > σ ^ C < Δ ^ P , Λ =
σ ^ σ ^ C C L ^ , < ^ C > P σ ^ C L П < , P P ^ < P ^ Λ > ^ Δ d P C , σ ^ C
P J > 4 > U ^ , σ ^ C J C ^ • Δ P C а P P ^ P ^ ∇ Δ d P L L • Δ Δ C • < \



457904 Lb, ∇ Δ•Uf: "Pa UVσf9y, b P°9σC•L' Γ=
r•∇ Δσσ•d' ▷ UΔ•d•d, •d<Nσ•∇ d•∇e ▷d b σf' b
•d•∇e<L', Pf •ΔfΔ•∇' DL 457∇•Δ <)^9•Δσ' σ^C Δ=
fNσ•d bσ•Δ•Δσ' b ▷f <Pσ' Jc^, Lb JcJ•Δ' ▷f, Pf Δ=
JU' NΛe•∇ ▷ Cσ9•Δσ' "x P LΔbeNδ9•d' Lb, σ^C Lf)=
>^ P ▷Nebσ•d'; P dJCP Lbσ•d' Lb dσΔ v>dσ' ΔfN=
σ•d bex ΔfNσ•d be', 1, 13-25x

7° σbJ•Δ L' eΔbσ', 115, 14, 457Cσ•d': "PaUσC•7•
∇ be•d<C•L' ▷NVσf9• ▷ σ^•Δσσ• ▷ Γ•C L"x

8° C•V P^UσC•b', 1° •∇h Γ•σ^•Δ' P •Δ•bfΔdae•
Γr•∇ ▷f Lσ<σ•Δσ' DL ΛLNr•Δσ'; 2° •∇h ∇ hPΔ' P=
2Lσ), 9b b>fUdσ•d' ∇ dN σ^eσ•d'; 3° •∇h dσΔ q=
b' •Γf Γebσ•d' Γ•Cf' ▷ N<QLdr•Δσ•d• P f P f d' x
∇ <U •Δf bU' L' e r' Δ' 56x

9° ▷▷ σe L' e r' Δe •d<Nσ•∇Lb•e ▷ σ^•Δσ•d Δe b
•b>^bNr' Δσσ• σ^C Δe b L bNr' x

10° Δe b •b>^bNr' ΛΓσ' ∇ fΛe•∇r' ∇ •Δh9σC' ∇
d r' x Γebσ•d' Lf - b P f Δ•∇•Δe b Γσd' d•∇e 457∇•Δ=
σσ•x▷ be•∇ d' 2σL •Δf b<•Δ^C d, ∇ r P U ∇^b d' x 457∇^=
CLd ▷ •d d L b e x Γr' σ^C Γ•C Γσ•d be•d<Γd P f P f =
d' ▷f, ∇ Cσ^9^C d' x dσL Γ•b -, Lf Lσ), ∇ P f •d r' σ^C
∇ eσv•Δr', P•∇fJ b P q Δ^d U' x

11° Λ)^ ΔC Nr' Δe b Lf σ^', ∇ ebNσ•d' ΓbU•Δdae=

$\cdot \langle x \rangle$ $b_a \cdot \nabla \langle \cdot \rangle$ $\sigma_L \cdot 9^{\wedge} P b < \cdot \Delta^{\wedge} C \Gamma \sigma \cdot \langle \cdot \rangle$ $\triangleright L$ b $L \eta \sigma C \cdot b \sigma \sigma \setminus$
 $\langle \Gamma$ $a b \cap d$ $L b$ ∇ $L \rangle \sigma \Gamma x \langle a$ $\eta b U \cdot \Delta d a \leq \Gamma a$ $\nabla \cdot b \cdot \Delta^{\wedge} \Lambda \cdot$
 $\Gamma < \cdot \nabla \cdot b \cdot \triangleright \cap \cdot b \cdot \nabla \eta \wedge \Gamma \sigma \sigma \sigma \Gamma ; a L \cdot \Delta a$ $L b$ $\leq d = \cdot \langle \cdot \rangle$ $\nabla \langle \cdot \rangle =$
 $\sigma \sigma \cdot x \triangleright \cdot \langle \cdot \rangle$ $d L b a$ $\Gamma \rangle \sigma$ $\wedge d U \nabla \sigma \cdot \langle \cdot \rangle$ $\sigma^{\wedge} C$ $P \Gamma$ $\cdot \langle \cdot \rangle$ $\nabla \sigma C \Gamma \sigma \cdot \langle \cdot \rangle x \eta =$
 η^{\wedge} $\nabla \Gamma$ $\cdot d \eta \cdot \Delta^{\wedge} \Lambda \Gamma \setminus , \nabla \cdot \langle \cdot \rangle$ $\langle \cdot \rangle$ $\Delta \sigma \Delta$ $\Gamma < \cdot \nabla \cdot b \cdot \Delta C$ b $P \Delta \eta$
 $\sigma \wedge \Gamma$ $P \Gamma$ $\wedge L \Gamma \langle \cdot \rangle$ $\sigma^{\wedge} C$ b $\sigma b \cdot \triangleright C d \setminus \nabla$ $\nabla \Gamma$ $\cap <^{\wedge} d \sigma 9 \setminus x \triangleright L$ $\eta =$
 $\cdot b = , L \Gamma L \sigma \rangle \cdot \langle \cdot \rangle$ $\cdot \langle \cdot \rangle$ $\leq b \eta \cdot b \cdot \eta \cdot \langle \cdot \rangle$ $\triangleright \sigma \nabla \cdot \Delta \sigma \sigma \cdot , \nabla \cdot \Delta$ $\triangleright \cap a =$
 $\Gamma \setminus \triangleright \setminus \langle \cdot \rangle$ $d L \Gamma \sigma \cdot \langle \cdot \rangle , \Delta^{\wedge} \Lambda \cdot C \leq \setminus a b \cap \Gamma \sigma U \cdot \Delta \cdot \triangleright \cdot \Delta \sigma \cdot x$

$\cap <^{\wedge} d \sigma 9 \cdot \Delta \setminus x$

1° $\nabla \eta$ $L a$ $P^{\wedge} P \cdot \Delta L b \sigma \cdot \langle \cdot \rangle$ $\setminus , \nabla \nabla \triangleright d$ $\cap <^{\wedge} d \sigma 9 \cdot \Delta \setminus x$ $\triangleright \cap \Gamma < \sigma \cdot$
 $\langle \cdot \rangle$ $\cdot \eta \Gamma$ b $\Delta \eta$ $\sigma \wedge \Gamma$ $\langle \cdot \rangle$ $\nabla \sigma b \setminus x$

2° $\langle \cdot \rangle$ $\Delta \sigma L$ $\Delta^{\wedge} \Lambda$ $\langle \cdot \rangle$ b $a b C \setminus \Gamma \cdot \triangleright \cdot \Delta \sigma \cdot , \triangleright \cap \cdot b \cdot \Delta b < \cdot \Delta^{\wedge} C \cdot \nabla \cdot$
 $\eta \eta \setminus P \Gamma$ $\cap <^{\wedge} d \sigma d \setminus b$ P $\Delta \eta \Gamma 9 \setminus \triangleright \Gamma , \sigma^{\wedge} C$ $P \Gamma$ $\cap < \Delta L d \setminus \cdot \eta \Gamma$
 b $\Delta \eta$ $b^{\wedge} P C L \eta \setminus , \Gamma \cdot \sigma \sigma \cdot \Delta \sigma \setminus \sigma^{\wedge} C$ $\wedge d$ $\langle \cdot \rangle$ $\Delta \sigma \Gamma \eta \cdot \Delta \sigma \setminus x$

3° $\nabla \langle \cdot \rangle$ $\Delta \cdot U \setminus \Gamma \cdot \Delta L \sigma \rangle , \Gamma \cdot \Delta \cdot C$ $\cdot \nabla$ $L \eta a \Delta 9^{\wedge} C =$
 $L d \setminus , P$ b $\cdot \Delta$ $a a b \Gamma C a a \cdot \sigma b \setminus P \Gamma$ $\cap <^{\wedge} d \sigma b \cdot \Delta \cdot \triangleright \setminus \sigma^{\wedge} C$ $b C$
 $\cdot \langle \cdot \rangle$ $\nabla \sigma \Delta \cap \eta a \sigma \cdot \langle \cdot \rangle$ $P \Gamma$ $\cdot \nabla C \setminus \cap <^{\wedge} d \sigma 9 \cdot \Delta \setminus x$ “ ∇d $\eta \cdot b = b$ $L =$
 $\cdot \langle \cdot \rangle$ $\Delta \sigma \Delta \rangle \Gamma \setminus \Delta \sigma \sigma \cdot \langle \cdot \rangle$ $\nabla \Delta^{\wedge} \Lambda \Gamma$ $\Gamma \eta \cap \Gamma \setminus x \cdot \nabla \Gamma$ P $C C d^{\wedge} b \cap \rangle \Gamma \setminus , P$
 $L \Gamma$ $\Delta U \cdot \triangleright$ $P^{\wedge} P \cdot \Delta L \cdot \langle \cdot \rangle$ $b a : “ \langle \cdot \rangle$ $\cdot b \Gamma^{\wedge} C \cdot L \setminus < \cap \eta \setminus \triangleright \setminus \triangleright \Delta =$
 $\eta b \sigma \cdot \langle \cdot \rangle , \nabla \cdot \langle \cdot \rangle$ $d \langle \cdot \rangle$ $\Delta \cdot \Gamma \nabla b \eta \cdot \Delta \setminus x \cdot \nabla \eta$ $a L \cdot \Delta a$ $9 \cdot b \setminus \Delta C \cdot b \setminus \nabla$
 $\langle \cdot \rangle$ $b a \Delta b U \setminus , \nabla b$ 9 $P^{\wedge} 9 \sigma C d C \sigma \cdot \langle \cdot \rangle$ $\setminus ; a L$ $\sigma^{\wedge} C$ $9 \cdot b \setminus b C \sigma \cdot \langle \cdot \rangle$ $\triangleright ,$
 ∇b 9 $P^{\wedge} 9 \sigma C \cdot b \setminus x \nabla \cdot \langle \cdot \rangle$ $d \triangleright \Gamma$ $\wedge d$ $9 \cdot b \setminus b$ P $\Delta \cdot U \leq \setminus \nabla \cdot \langle \cdot \rangle =$
 $\sigma \cap \Lambda^{\wedge} b \setminus , b C$ $\nabla C \cdot b \setminus \nabla \cdot \langle \cdot \rangle$ $\leq \setminus ; \langle \cdot \rangle$ $\Delta \sigma L$ $L b$ b P $\Delta \cdot U \leq \setminus \Gamma C \cdot \Delta$

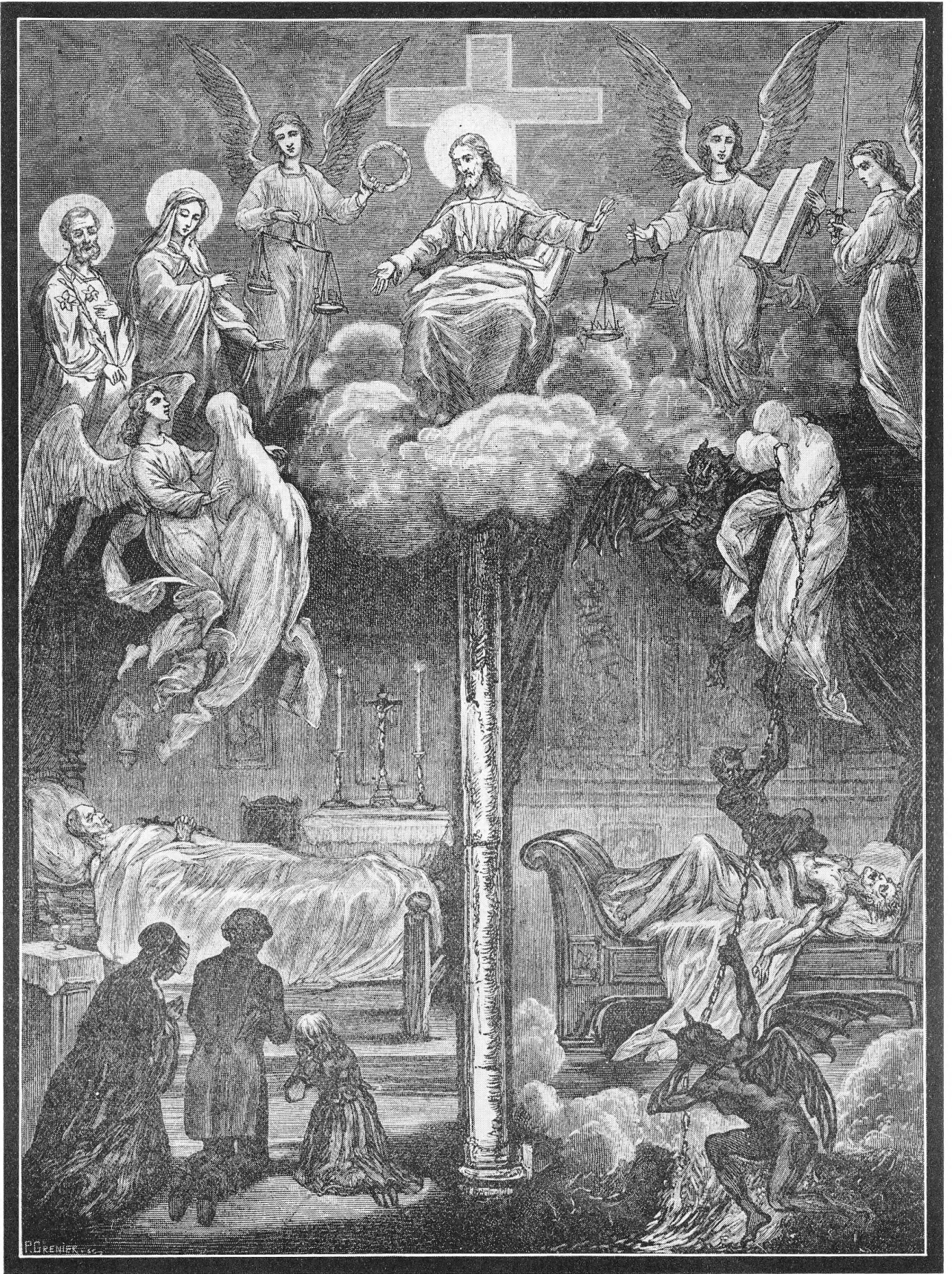


0P <D^9abax>L Lb P^9σCJ': P5^Λ, Δa b NVσC\ •Δ^=
 bΔbσσ• P P^9σCJd<σ 9d N<Δb, ΛPJbσ\ PJN^•b 9 C=
 dJσσf, P^Nα= bC P Δ5•ΔΛ<, xαL σ^C σC P <PNaJ<, >
 •Δ^bΔbσc Pf 5>C•∇ Λ•bΔbUσ\ x∇•Δd Δf, Pa•Δ• σ^C
 Δ•∇σΔNf, •∇h ΔσL N<Δb, ΛPJbσ\ ∇b 9 ΔUσCΓ, Δσσ=
 •ΔdP^h, bC ∇f Cdf, "x∇d ΛU, ∇C': "UVσf9>, σaa,
 P' Δfα, DL α^ΛC•∇ ΔCσb, σ^C Λd ΓP•∇ α P' ΔC•<:
 ΔNVσf9• Lb P Δ•U•: "Δ•∇α Δa b •b>^Pn' σ^C b b=
 9C•∇σC\ bα•∇σNaeb, 9 NVσCΓAd' Δ' ΔPLL Δ •Δ^bΔb=
 σΓσ•, Pf LNaL•Δ' Δ ΓfΓσ• ∇Nf<σσ9?5•∇σCdf• Δa
 <D^9ab, Δ' ΔPLL CdfσU, 9 Γ^bd' DL ∇ Δf)C\ xC•V,
 P' ΔNa•Δ•, bC NVσCΓAd ΓP•∇ b Δ>σf xLb P5^Λ, Δa Δ=
)^9ab, Δ•UU Δ UΔ\: "σ' ΔPLc •<^C•Δ Cdf, " σ^C Lf
 ΔCL•ΔU αV•Δ <D^9abα, σ^C ΓfPσ σ^C Γσ•9U σ^C P^=
 •9VU, Δa <D^9ab, Δ' ΔPLL CdfσU ΔσL ∇ Pfbσ\, Δ^Λ
 ∇ Δ5•ΔKL' σ^C N<Δbσ\ ΛPJbσ\ ∇b ∇ P^9σC\ bC <b=
 σN5>d Lb σ^C ΔfN5>d Pf •Δ7•Δ' ∇b b Δ>ΓΔσf xΓ•σC
 α\, 12, 35-46x

∇ <U •Δf bU\ LPaP•Δ, 57x

4° DL LPaP•Δ, P^Pσ•ΔfCLb, VV>d N<^dσ9•Δ, b Δ=
 Nf<σ\ Δ^Λ b Δ*•bCJ' Δ•∇α•

5° •Δ<Nσ•Δσ•Δ, ∇^Λf Λ)^ Δfα•bσσ\ Δ N<^dσdP•Δ=
 σ•Δ• b •b>^Pn' Δσσ• σ^C Δa b Lf•C' xΛΓfσ•α\ ∇ σ=



P. RENIER SC.

1° P P 3P6U V V L P 9.6, V P^9P6U V L a C; 2°
> P C. P P L P 3P6P. < x V U < P V V D D V P P, a L C =
• b > < ^ (Δ) • Δ > x .

3° L P • C • Δ >, V • Δ d L • Δ - b L a C V L P 9 • b >; 1° • V h
L P P P P 2 L P); d C P > L b b L a C P 9 • b a Δ d Δ d • Δ V D P P b a
Λ d; 2° • V h V d C • V P < P P P • V d C P > L P 9 • b a b • Δ h =
9 P C P Δ d > V D L Λ L P P • Δ P V P • C Δ P L d C V Λ L P P • Δ P V x

4° P • S > V Δ U P (• b • a < ^ (Δ) • Δ a: 1° Δ P ^ 9 < ^ (Δ) =
• Δ >, 2° P Λ a • V < ^ (Δ) • Δ > x

5° Δ P ^ 9 < ^ (Δ) • Δ >, V • Δ d Δ P L b Λ P ^ b d > V Δ P P =
• Δ Δ b • Δ > V P • C b Δ P ^ 9 P P b • Δ > V P • C P P P Δ d a • Δ V P
Δ C V b V P L P) C L V D L L P • C • Δ > P a a • P Λ a • V, P P V P P =
P P • Δ P a > P P, V P • V V L b, V P V P Δ P ^ 9 P C • Δ P Δ C V Δ C >,
P P P d a • P Λ a • V P P Δ P • Δ > x • V h P P Δ • U ^ C L d a • V < ^ =
C Δ P V x V • b P • V P Δ P P P C V P • C > P P • V V C P > V: " V
D C • Δ P P P P d > V P P • Δ P • Δ > " x

6° P P Δ P Δ b • Δ a a • P P Δ P P Δ > V D L P • C • Δ > P • C
D a P b P Δ d P • Δ > Δ C P, C Λ ^ d - 9 P Δ P P Δ > • Δ d < > D < P P =
U V • Δ > P • C D P • P P] • Δ >, P P ^ Λ > C P P P a a Δ C • Δ d < P =
2 L P) • Δ x P L a, 5, 12 x

7° Δ C P D L P • C • Δ > P Δ C P P 6 U P • P P D L P • C • Δ P P V P =
P • V Δ P P • Δ V, D • b > ^ d P < ^ d P P • Δ > P P P 2 L P) x

8° D L L P) • Δ P < ^ d P P • Δ > • Δ C P 6 U • V a ^ Λ (Δ b U V Δ =

σσ•Δ Π<^dσ9•Δσ\ x•∇h, LΠb, Δ^Λ Δσσ• b P<D', Jε Λd
•Δσ)Cρ •Δε ΠΛε•∇, Lb Δρρ, σσ•ΔεfC•∇• D' Δ•ΔσΓh
▷ P^UσCδρ•Δσσ•x

9° ∇ ΔσJρbU\ DL Δσ^9 <^CΔ)•Δ, ∇•Δd LL^bCJ•Δ,
b Δσ•ΔP^bJLb\ Δσσ• σρ)CJ•Δ,x

10° b Γ•εPΓδρ' ρ' ΔPL^9Γε•, Γε•C Γσ, Γ)σ Jε Δρ
Pρ^bε ΔΓσ• Δσ^9 Lρ•C•Δσσ•x•Δε Λd DL ∇ P Δσ Γ=
•ε<Γ•Δρ' ρρh Δρ, ∇ P ΔUσCδρ' ρρ Δb•ΔΓδ' Δρx ∇=
•Δd ∇•CρbU\ ∇ Δ•Cσ•Δ\ ∇ <4PΔσσ•ΔΔbσ•Δ' Γε•C Γσ.

11° Cσσ P)Cθεε• Δσ^9 <^CΔ)•Δ, ΔΔ ρρ ΔΠh\, ΔC
∇ P ρbΔCρh\; 1° ∇ ΔΛσσCLb\ P^9σCJ•Δ; 2° ∇ σε
εΓρLb\ ΠVσΓΠρ•Δ; 3° Lρ J^U4σCJ•Δ JσΔ•Δ; 4°
b•bC9σCJ•Δε DL Δε- ΛLΠρ•Δσ\; 5° σΛ•Δ,x

12° Δσ^9 <^CΔ)•Δ, P)CJLb\ ρρ ΔΛσσ\ P P^9σC=
J•Δσε, P ΔΛσσCLb\ Δσd\ 9 P^9σLd<\ P2Lσ), 9 P^
9σΓΠρh>d<\ ∇ ΔΠd•Δh\, 9 P^9σCLd<\ ρ' ΔUσCδρ•Δσεε

13° ∇ σεΓρLb\ P ΠVσΓΠρ•Δσε•, ∇•Δ•bσL ∇b •Δ4^
ρρ P Γε)CL\ σ^C Λd ρρ ΔσCL\ <^CΔ)•Δ, ∇b ∇ •Δ=
ρΔd•Δ\ P2Lσ) Δ h•∇σρ9•Δ,x

14° LρJ^U4σCJ•Δ JσΔ•Δ, P σPΔdεε• ρρ •ΔσhPΔΠ=
ρh\ σ^C •∇h Γ^CΔ ρρ hPCh\ Δ^P•Δ Γ•σσCJ•Δ,x

15° P2Lσ) P <PΠε' ΔΔ 9•bε ρρ Λρ^bδh\, ΔC ΔσL
Δσ^9 <^CΔ)•Δ, ΔhΔ ∇ P Lσ<•ΔCσ•Δσσ\ ρbΔC9•Δσ\,

$\Gamma \Delta d \Gamma \setminus \Delta \sigma^{\wedge} 9 \text{ L} \Gamma \cdot \text{C} \cdot \Delta \sigma \setminus \triangleright \Gamma_x \text{ P} \text{ L} \sigma \triangleright \text{ P} \triangleleft \text{C} \text{L} \cdot \nabla \triangleleft \triangleright \triangleright \Gamma =$
 $\sigma \cdot \cdot \Delta \cdot \text{b} \Gamma \Delta d \text{ L} \cdot \Delta \sigma \sigma \cdot \sigma^{\vee} \text{C} \text{C} \text{ P} \sigma \text{ P} \Delta d \text{ a} \cdot \triangleleft \setminus \cap \wedge \text{a} \cdot \nabla_x \text{ " } \sigma \text{ b}$
 $\triangleleft^{\wedge} \text{C} \triangleright \triangleleft \cdot \text{b} \cap \text{C} \cdot \Delta \triangleright \text{C}^{\circ} \text{C} \cdot \Delta = \text{P} \text{a}, \text{P} \text{b} \wedge^{\vee}, \text{b}^{\wedge} \text{C} \Delta^{\wedge} \cdot 9 \cdot \text{; } \text{b}^{\wedge} \text{C}$
 $\text{C}^{\wedge} \text{C} \cdot \Delta = \text{P} \triangleleft \sigma^{\wedge} 9 \wedge \text{L} \cap \text{L} \setminus \text{b}^{\wedge} \text{C} \triangleright \triangleleft \sigma^{\wedge} 9 \wedge \text{L} \cap \text{L} \times \text{P} \text{ b} \text{ C} =$
 $d^{\vee} \text{b} \text{L} \setminus \text{L} \text{b} \text{ P} \text{ } \cap \cdot \text{b} \text{d} \text{ } \sigma \cdot \text{x} \cdot 9 \text{ } \text{P} \text{U}, \nabla \text{ P} \text{ } 9 \text{ } \setminus, \cdot \triangleleft \text{L} \text{b} \sigma \cdot \triangleleft \triangleright \text{ } \Gamma \text{b} =$
 $\text{U} \cdot \Delta d \text{ a} \text{ } \nabla \text{ } \text{L} \text{b} \triangleleft \text{C} \cdot \triangleleft \triangleright \triangleleft \cdot \triangleleft \text{L} \text{ } \text{b} \text{ } \text{C} \nabla \text{d} \text{C} \nabla \triangleleft \text{ } \text{P} \triangleleft \triangleright \triangleleft \sigma^{\wedge} 9$
 $\triangleleft^{\circ} (\Delta) \cdot \Delta \sigma \sigma \cdot \triangleright \Gamma_x$

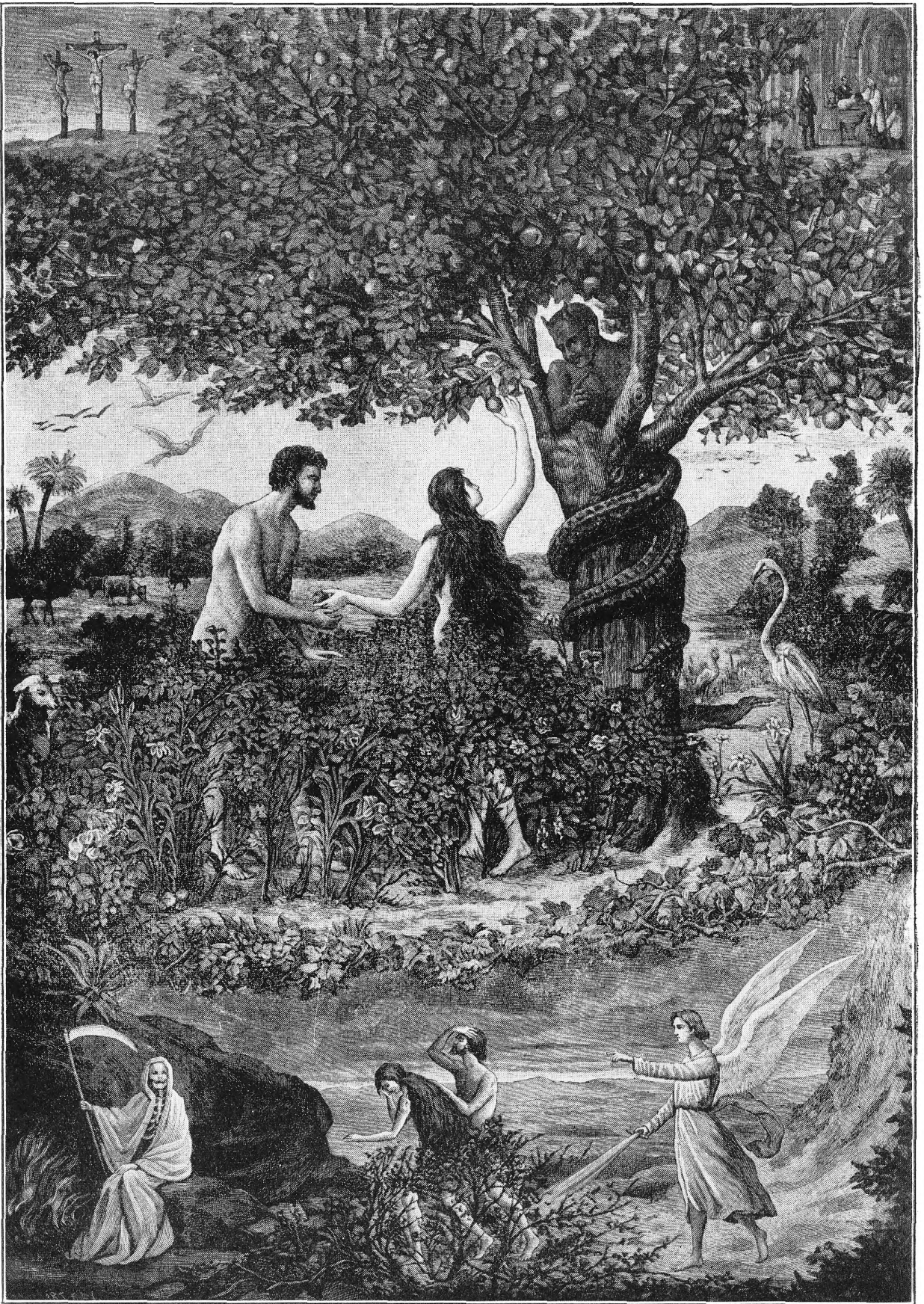
$$\cap \wedge \text{a} \cdot \nabla \triangleleft^{\wedge} (\Delta) \cdot \Delta \triangleright \text{ -- } \triangleright \Gamma \wedge d \cdot \Delta \triangleleft^{\wedge} (\Delta) \cdot \Delta \text{ a} \times$$

1° $\cap \wedge \text{a} \cdot \nabla \triangleleft^{\wedge} (\Delta) \cdot \Delta \triangleright, \nabla \cdot \triangleleft d \triangleleft^{\wedge} (\Delta) \cdot \Delta \triangleright \text{ P} \text{a} \text{a} \cdot \cap \wedge \text{a} \cdot \nabla$
 $\text{b} \text{ } \text{C} \text{L} \setminus, \cap \wedge \text{a} \cdot \nabla \text{ P} \cap \vee \sigma \Gamma \cap \text{L} \cdot \Delta \sigma \text{a} \cdot \triangleright \Gamma; \nabla \cdot \text{b} \text{ } \text{ } \nabla \Gamma \Delta \text{L} \sigma =$
 $\text{b} \Gamma \text{b} \text{U} \setminus \cap \wedge \text{a} \cdot \nabla \triangleleft^{\wedge} (\Delta) \cdot \Delta \triangleright_x$

2° $\Delta \text{L} \sigma \text{b} \text{U} \cdot \cap \wedge \text{a} \cdot \nabla \triangleleft^{\wedge} (\Delta) \cdot \Delta \triangleright, \cdot \nabla \text{L} \triangleright \text{ } \sigma \cdot \nabla \text{b}^{\vee} \text{P} \text{C} \text{L} =$
 $\text{L} \text{ } \triangleleft \cdot \nabla \text{a}, \triangleleft \text{L} \Gamma \text{C} \cdot \cap \wedge \text{a} \cdot \nabla \triangleright \Gamma \text{ } \text{b} \text{ } \text{ } \text{b} \triangleright \text{ } \text{C} \triangleright \cap \vee \sigma \Gamma \cap \text{L} \cdot \Delta \triangleright$
 $\wedge \text{ } \text{ } \cdot \Delta \text{a} \Delta \text{U} \sigma \text{C} \cdot \text{b} \triangleright \triangleleft \sigma^{\wedge} 9 \triangleleft^{\wedge} (\Delta) \cdot \Delta \triangleright \text{ b} \triangleright \cap \cap d \text{ } \setminus \nabla \text{b} \cdot \triangleleft$
 $\cdot \triangleleft = \triangleleft \wedge \text{L} \text{ } \text{P} \text{a} \text{a} \cdot \cap \wedge \text{a} \cdot \nabla \nabla \Delta \text{L} \text{ } \text{ } 9 \text{ } \setminus_x$

3° $\text{b} \cdot \triangleleft \text{ } \setminus \Delta \text{L} \text{b}^{\vee} \text{P} \text{C} \sigma \cdot \triangleleft \triangleright \cap \wedge \text{a} \cdot \nabla \triangleleft^{\wedge} (\Delta) \cdot \Delta \triangleright \text{; } 1^{\circ} \Delta =$
 $\text{U} \sigma \text{C} \text{L} \cdot \Delta \sigma \setminus, 2^{\circ} \triangleleft \text{ } \Gamma \cdot \Delta \sigma \text{; } 3^{\circ} \text{ } \text{C} \text{L} \cdot \Delta \sigma \setminus, 4^{\circ} \nabla \text{b} \nabla \text{ } \text{C} \Gamma =$
 $\text{b} \text{U} \setminus 9 \cdot \text{b} \triangleright 9 \text{ } \text{C} \Gamma \text{b} \text{U} \text{P} \triangleleft \triangleright_x$

4° $\nabla \triangleleft \cdot \text{b} \triangleright \text{C} \cdot \cap \triangleleft^{\wedge} d \sigma \text{b} \sigma \cdot \triangleleft \setminus, \nabla \cdot \triangleleft d \Delta \text{U} \sigma \text{C} \text{L} \cdot \Delta \triangleleft^{\wedge} (\Delta) =$
 $\cdot \Delta \triangleright \text{; } \nabla \triangleleft \triangleleft^{\wedge} \text{C} \text{L} \text{a} \sigma \cdot \triangleleft \setminus, \nabla \cdot \triangleleft d \nabla \text{L} \Gamma \text{ } \text{ } \text{b} \text{U} \setminus \triangleleft \text{ } \Gamma \cdot \Delta \sigma \setminus_x \nabla$
 $\triangleleft \text{ } \text{ } \text{b} \sigma \cdot \triangleleft \setminus \nabla \triangleleft \text{ } \Gamma \nabla \text{P} \text{ } \text{ } \text{b} \setminus, \nabla \cdot \triangleleft d \text{ } \text{C} \text{L} \cdot \Delta \triangleleft^{\wedge} (\Delta) \cdot \Delta \triangleright_x \nabla \text{b} \nabla$
 $d \Gamma \sigma \cdot \Delta \text{a} \sigma \cdot \triangleleft \setminus \nabla \text{P} \text{ } \triangleleft \text{ } \Gamma \nabla \text{P} \text{ } \text{ } \text{b} \setminus, \text{b}^{\wedge} \text{C} \wedge d \text{ } \text{a} \triangleright \text{C} \cdot, \nabla \cdot \triangleleft d \nabla \text{b}$
 $\nabla \text{ } \text{C} \Gamma \text{b} \text{U} \setminus 9 \cdot \text{b} \triangleright 9 \text{ } \text{C} \Gamma \text{b} \text{U} \text{P} \triangleleft \triangleright_x$



1° $\Delta \cdot \sigma \subset d \text{ PZL} \sigma$; 2° $\cdot \nabla \text{h } \Gamma \eta \cdot \text{C} \cdot \Delta \cap \Delta \text{f} \cdot \Delta \sigma \cdot \nabla \text{Lb}$, P f
 $\langle \wedge (\Delta) \cdot \Delta \sigma \cdot \text{h}$; 3° $\cdot \nabla \text{h } \text{b} \cdot \text{b} \text{CPC} \sigma \cdot \Delta$, $\Delta \sigma \text{L } \triangleright \Gamma, \triangleright \text{C } \Delta \wedge \text{P} \cdot$
 $\sigma \wedge \text{C } \wedge \text{d } \text{d} \text{C} \cdot \wedge \text{L} \cap \text{r} \cdot \Delta \sigma \cdot \text{h}$ x

13° $\langle \wedge (\Delta) \cdot \Delta \sigma \text{f} \text{h} \cdot \nabla \nabla \sigma \text{f} \text{bU} \cdot \Delta, \text{eL } \wedge \text{d } \nabla \cdot \nabla \wedge \sigma \text{b} \sigma \cdot \Delta \cdot \text{h}$,
Lb $\Delta \text{r} \text{f}$, $\Delta \cdot \sigma \text{f} \Gamma \cap \text{r} \cdot \Delta$, b $\Gamma \cdot \text{e} \text{f} \cdot \text{h} \nabla \Delta \text{C} \cdot \text{h} \sigma \wedge \text{C } \wedge \text{d } \nabla \Delta =$
 $\text{C} \sigma \cdot \Delta \cdot \text{h} \nabla \Delta \text{e} \text{f} \text{r} \text{b} \sigma \cdot \Delta \cdot \text{h} \sigma \wedge \text{C } \wedge \text{d } \nabla \text{Pz} \cdot \Delta \langle \text{P} \cap \sigma \text{bU} \cdot \text{h} \Gamma \sigma =$
 $\cdot \nabla \cdot \Delta$, $\sigma \wedge \text{C } \wedge \text{d } \text{d} \text{CP } \Gamma \text{ } \text{C} \text{J} \cdot \Delta$, $\nabla \text{C} \text{f} \text{bU} \cdot \text{h} \nabla \wedge \text{r} \wedge \text{b} \text{d} \text{e} \text{f}$
 $\sigma \cdot \Delta \cdot \text{h} \text{h} \cdot \nabla \sigma \text{f} \text{q} \cdot \Delta$ x

14° $\sigma \cdot \text{h} \text{r} \cdot \text{e} \text{Lb } \triangleright \text{h} \wedge \text{d} \cdot \Delta \langle \wedge (\Delta) \cdot \Delta \text{e} \cdot \text{h} \nabla \cdot \Delta \text{d } \triangleright \triangleright$: LLC =
 $\text{d} \text{r} \cdot \Delta$, $\text{h} \text{h} \text{P} \text{r} \cdot \Delta$, $\wedge \text{f} \cdot \text{b} \text{h} \text{r} \cdot \Delta$, $\text{P} \text{f} \cdot \Delta \text{r} \cdot \Delta$, $\triangleright \text{b} \text{h} \text{P} \Gamma \cdot \Delta$, $\triangleright =$
 $\text{U} \sigma \text{C} \text{J} \cdot \Delta$, $\sigma \wedge \text{C } \text{P} \cap \Gamma \cdot \Delta$ x

15° $\Delta \text{f} \sigma \text{bU} \cdot \Delta \triangleright \text{h} \wedge \text{d} \cdot \Delta \langle \wedge (\Delta) \cdot \Delta \text{e}$, $\cdot \nabla \text{h } \nabla \text{d} \text{C } \text{b } \triangleright \text{f} \langle \sigma \text{P}$
 $\text{r} \cdot \nabla \text{d} \text{CP} \triangleright \langle \wedge (\Delta) \cdot \Delta \text{e} \cdot \text{h}$ x

16° $\triangleright \text{h} \wedge \text{d} \cdot \Delta \langle \wedge (\Delta) \cdot \Delta \text{e} \Delta \cap \text{r} \text{P} \text{f} \langle \wedge (\Delta) \cdot \Delta \sigma \cdot \Delta \cdot \text{e}$, $\Delta \cap \text{r}$
Lb $\langle \wedge (\Delta) \cdot \Delta \sigma \text{f} \text{f} \cdot \Delta \cdot \text{e}$, $\nabla \Delta \text{U} \sigma \text{C} \cdot \text{b} \cdot \text{h} \wedge \text{d } \Delta \sigma \text{L } \text{q} \cdot \text{b}$, b $\text{C} =$
 $\text{f} \text{bU} \cdot \text{h} \Gamma \wedge \text{C} \Delta \sigma \wedge \text{C } \wedge \text{d } \Delta \wedge \text{f} \cdot \Delta \wedge \text{U} \sigma \text{C} \cdot \text{b} \cdot \text{e} \cdot \text{q}$; $\sigma \wedge \text{C } \wedge \text{d } \nabla$
 $\Delta \text{C} \cdot \text{b} \cdot \text{h} \Gamma \wedge \text{C} \Delta \sigma \wedge \text{C } \wedge \text{d } \Delta \wedge \text{f} \cdot \text{h} \nabla \sigma \text{f} \Gamma \cap \text{r} \cdot \Delta$, $\sigma \wedge \text{C } \text{P} \wedge \text{q} \sigma \text{C} \text{J} =$
 $\cdot \Delta$, $\text{r} \cdot \text{b} = \nabla \text{C} \text{f} \text{bU} \cdot \text{h}$ x
LLC $\text{d} \text{r} \cdot \Delta$, x

17° LLC $\text{d} \text{r} \cdot \Delta$, $\nabla \cdot \Delta \text{d } \nabla \Delta \sigma \cdot \Delta \text{P} \text{K} \sigma \cdot \text{h} \text{P} \wedge \text{U} \sigma \text{f} \Gamma \cap \text{r} \cdot \Delta$, x $\nabla \text{d} \text{C}$
b $\triangleright \text{f} \Delta \text{U} \sigma \text{f} \Gamma \cap \text{r} \text{e} \sigma \cdot \Delta \cdot \text{h} \Delta \cdot \Delta \text{r} \text{U} \nabla \Delta \wedge \text{U} \sigma \text{C} \text{d} \text{r} \text{e} \sigma \cdot \Delta \cdot \text{h} \Delta \wedge$
 $\text{d} \text{CP} \triangleright \cdot \text{h} \sigma \wedge \text{C } \nabla \text{e} \wedge \text{C} \text{f} \text{J} \wedge \text{U} \text{h} \sigma \text{f} \text{bU} \cdot \text{h} \text{P} \text{f} \text{P} \wedge \text{U} \sigma \text{C} \text{d} \Delta \text{d} \text{e} \sigma \cdot \Delta \cdot \text{h}$
 $\text{d} \text{CP} \triangleright$ x

18° דא ש"ס ב פ דכרס' ללכדל.Δσσ., ∇.דד הצי, לר
לס), ד"א ב כרד"ס.ד' ∇ א"ד"ס.ד' רזלס).ד x

19° ב דר סרס.Δא.ב\ ללכדל.Δי, ∇.דד: דס.דפ מדΔ=
רר.Δי, דגל ל"ס)סר.Δי, דגל ∇בסר.Δי, ה"ס)Δי ס"ס ∇
לרסר' דכרס' דא ב פ"ס)Δ סס. Δ מדס. פ.אנר=
Δא ב Δוסס\ ∇ דג', ∇.דד מדΔרר.Δי x א"ס.בסס. 9.ב=
ס. ב Δוסס\ ∇ <ס.Δ(x ∇.דד דגל לרס)סר.Δי x פ.סס=
ס ∇ Δוסס' ד.דפ ∇ פ.ס' Δ"א- ס.∇ ∇ר', ∇.דד ד=
סל דגל ∇בסר.Δי x ה"ס.∇. ד ספΔ.ב ס"ס אד דסΔ ב נ∇=
סרד', <וסס. דסΔ ב Δרד"אוססדלר' ס"ס דסΔ סס. ב
ד"אוססדלר' x

∇ <דס. Δר"ס לרס.Δי 59x

20x דסל ב פ"ס לרס.Δי <כנס.∇לב > ד א) <ס.Δס.ד.
ג. ד"ס.ד' ס"ס לר ד"ס.ד' x וס.Δ. <לכס.ד' פ.
ס פ"ס, דא ב סבסר' פ. ד"ס., ∇ ∇ד סנא' דסΔ סר=
∇, ב סבסרס' לר ד"ס.ד' x דא לר ד"ס. ס"ס ב סרסד=
ד' פ לר ל"ס.ד' ∇ Δס ו.∇ר': "ס ב Δסדל' (א"ד- ב
ל.ד' פ"ס)" Δ; , 14, 14x פ.ס פ"ס ס"ס דסΔ ב Δ=
ר.דד' פ. ד"ס.ד', פ פ.∇ ו.∇.ד', ∇ א"ס.ד.∇ר': "ד.∇א
∇סדל' (א"ד- רזלס)?" 9(ס.Δי לב סר∇ ס"ס ד. Δ=
ר.דבא, ∇ פ"סס' (א"ד- ∇ <אוסס', פ ארס.ד' ל.ד' לר
ל"ס לר ד"ס.ד' x ב דגל לרס.Δי, א"ס. Δוסס, <כר=
בוס. דסל דג.דא.Δבג', <∇ ב Δססבוס x דס∇ס. ד' דס"9

ΛΛΠΡΛ ρ•Δ β Ρ ρ•9 ΔΠΟ•ΡΟσρ ΡΡΡΡδ\, Δ' Δσσβρ•Δ=
σ•Δ• Ρρ Δρ Ρ•UσρβUσ\ Γρ•∇xLβ ΡzLσ) ∇ •Δ α•ββρ=
C•Δ' Δ LLCδρ•Δσσ•.Ρ •Δ•Δ•σCΓC•∇• Δ' Δσρ•z•Δσ=
σ• ρ•C ∇•Δδ ΔσL •∇ρ Ρ ΔσσβU\ <Vτ, β Δ•ULβ\ •Δ=
•Δ•σC]•Δ'x z•ρ•, 11x

Ρρσ•Ρ\ ΔU9, •Δ<Lβσ•Δ•α\ Δα <Πρ•Δσσ• ρ•C >'εβ,
β •Δσ]δρ\ ρρ α•ΛC•∇ ΔC•βσ•\xΔα <Πρ, ∇ σ<•Δ' Δ>=
Γρ9<, ∇ LLCδρ' Λσ• ∇ ΔUσΓΠρ' Δ•ΔρU ∇ Γ•αΠρ'
Δ•Λ- δCP> Δσσ•Δ Γρ•∇xΔα >'εβ, •9•PU, ∇ C<Uσ]•Δ=
αδρ' Ρ Δ>Γρ9• ∇ Ρρ<CUσΓΠρ' ρ•C ∇ Γρα•∇ρ'xΔ' Δ
>Γρ9•Δ) Δρ Ρ Γ•C•∇σΓδ ΡzLσ)•Δ; <Πρ Lβ •Δα, Ρ
Δ<Cσσ• Λδ Δ' Δ>Γρ9•Δ) Ρρ αPCLβσσ\ Δ Lρ•C•Δ'x
•∇γ CΛ•δ- ρρ β Ρ Δ•U': "Γρ•∇ C) Δ•∇α 9 Ρ•Uσ=
ΓΠρ•9 βC LρσLβσ•Δ) "x Γ•C α\, 18, 14x

γγρρ•Δ) -- Λσ•βΠρ•Δ) == ΔβρPΓ•Δ'x

γγρρ•Δ'x

1° γγρρ•Δ) ∇•Δδ Δγ• ∇ γPσ•Δ\ Δ•Ρ•Δ Δ<ρC•Δα
Δγ• Lβ ρσ> x

2° αL•Δα Γ)σ Ρ' ΔρΔδα• ΡzLσ) Ρρ γPσ\ Δ•Ρ•Δ
9•βαxb ΔρΔC\ Lβ, ∇•Δδ Ρρ ΔγΓ γPσ\ ΔσΔ 9•βα ρ•C
•Δα•Δ• 9ρ•Δ> ΔρxΔαρ•∇σC•β) Ρρ]•UσρβUP ΡzLσ)
Δρ, ∇ LΓ)σρβUP ρ•C ∇ Δσ Δ<ρCσ•ΔΡ Ρ ΛLρΔδρ•Δσ=
244x



ΛϚ•bΠρ•Δ> x

9° ΛϚ•bΠρ•Δ>, ∇•Δd ΔσL b α•∇•∇σ•(b \ <^(Δ)•Δ>
b ΔΓΔ•∇LbP ΔσΔ σd•C^ ρ^C Ϛ> \ Δαα•∇•Δαx

10° b ΛϚ•bΠρ' ϚCδ ∇b PΓ hVσC \ Δ' Δ>Γ∇•Δ ΔUσ=
Cδρ•Δα; ΔρΓ Lb Δδd•Δ P•<Λσd, L^b•ΔU∇^bδ, PΓΓ σ=
Ϛ•ΔαΓΔd ∇ •Δ>•Δ'; σϚ•ΔαΓΔd ρ^C ∇ Δδd•Δ' xΓΓ•C•
ρCδ ∇b PΓ Δ•ρσΓΠρ' ∇ ΔΠ σΛ' x

11° ΔσL •q^PU Γ•αΠρ•Δ> ΛϚ•bΠρ•Δσ \, ∇•Δd <ΔbΠ=
ρ•Δ> x

ΔbϚPΓ•Δ> x

12° ΔbϚPΓ•Δ>, ∇•Δd ∇ ΔhΓ hPCσ•Δ \ ∇ ΓΓρασ•Δ \, ∇
Γσ•bσ•Δ \ ρ^C x

13° ΔhΓ hPCσ•Δ> ∇ ΓΓρασ•Δ \ ρ^C ∇ Γσ•bσ•Δ \ Δϡ
•∇h Γ^CΔ Δ<ΓCσ•Δ \ ΓΓ^, ∇ Δ<ΓCσ•Δ \ ΔΠ ΛϚϚ \ PΓ ΔΓ
Γ•ρσCΓΔΠρασ•Δ \ x

14° ∇ ΓΓρh \, ΔσL q ΔΓ ΓΓρhP< >, ∇•Δd PΓ ΔΓ •Δ>=
•Δ ΛLΠρh \, PΓ P Δ) ^b•Δ \ P2Lσ) ρ^C PΓ P Δ<Πρh \ ∇
ΔUσCδρh \ x

15° ΔbϚPΓ•Δ> PΓ<^(Δ)•Δσ•Δ> Δ^b•xΓ_•C >^ ΔϚσ=
bU• ΔbϚPΓ•Δ (Λ^d = b α•ΔP^C•ΔσΓ Lσ) bα: "b ΔLσ=
ρΓΓ \ •ΔC•Δ•Δ" x ΛσΛhα \, 3, 19 x

16° ΔσL L•Δ = b LαC \ ΔbϚPΓ•Δ>, ∇•Δd P^•qV•Δ>, ∇
Γσ•bσ•Δ \ b ρbβΓ \ Λσ^ ∇ •ΔσCσ•Δ \ Γ) ρσΓb \ x

17° ΔbϚPΓ•Δ \ ϚCδ•Δ \ PΓ ΛdαP \ PδϚ]•Δ> ρ^C ∇b ∇

• Δϒϒβσ•Δ\ Δαϒ•∇•Δα, Δ•Δϒϒϒ ΔϒαδΔΠϒ•Δ\ ϒ•C LϒΔ=
ϒΓασ•Δ\ x ΔβϒρΓ•Δ\ ϒC δασ•Δ\ ϒ•C ϒϒ ϒβ)ασ•Δ\, ϒϒ
• ϒC δϒασ•Δ\ ϒ•C ϒϒ Λϒ•βΠϒασ•Δ\ x

18° Δσ•Δ Lβ ΔL, ϒ•ϒ∇•Δ\ σϒ•ΔαϒCLδ Δ•∇α Δ Γ=
αLϒ•Δ\, Δ ϒ•UσCδϒ•Δ\ ϒ•C β ΠΛα•∇•Δϒ'; Γϒ•C ϒ•C
• Δ<- σ<Δδ x

19° Γ•αΠϒ•Δ\ • ϒ•ρU ΔβϒρΓ•Δ\, ∇•Δδ αΔσδ•βΠϒ•Δ\,

20° L•Δ- β Γ•αϒ\ β βα•∇σΓδϒ\ ∇β ϒϒ ΔβϒρΓϒ\,
∇•Δδ: 1° ϒϒ ΔϒΓϒβσ•Δ\ •<ϒϒ ϒ•C βΔ•β Γϒϒασ•Δ\
2° C•C• ∇ ϒϒβ\, ΔΛϒϒ ϒϒ αϒβϒΔΠϒ•Δ Δ•ϒCϒασ•Δ\ Γ=
ϒ• ϒ•C Γσ•ϒ•Δ\; 3° ϒϒ ΔϒΓϒ\ β Γσ•ϒ•Δσϒϒ\ β ϒ=
ββΓσσ\ ϒ•C β ϒ•ϒ∇ϒ\ x

∇ <ϒU •ΔϒβU\ Lϒαϒ•Δ\ 60x

21x ∇•Δδ ϒϒϒ•Δσσ• β ϒ ϒCδ' ϒC• ϒϒ •Δϒϒ<ρΠα'
ϒϒϒ, Δϒϒσ\ ΔσΔ β <•βΠδσϒ, σ•)ΓCα• ϒσϒαΛ^δϒ ∇ Γ=
σ' x ΔσL •Δρ- Lϒαϒ•Δ\, ϒ •Δ<Lα• ∇ Cδα\ ∇ Λϒϒ•βσ\
Δ ϒσϒσ•Δ, ∇ ΔΠ•β•Δβ<•Δ•C•Δ' ϒϒ ϒϒρ•Δϒϒ•Δσσ•Δ
ϒ•C ΔΠ<^δσϒ•Δx •ΔϒΔϒΓΓ)•Δ\ Δδ Cϒ ϒ ϒ Δϒ ΔΠαϒ\
ϒϒϒ ϒϒ σ<Δϒ\ x ΔϒΔ α^δΓ)•Δ\ Cσσδ\ ϒ Π<ΔL' Δ •Δ=
ϒϒ<ρΠσ•∇•x Γα•C ϒ\, 22, 2x

22° ΔβϒρΓ•Δ\ β Δϒ ΔCL' ∇ϒΔ Δ σ•Cϒϒσ•Δ\ ΔϒL
ϒδ<, σϒ Lϒαϒ•Δ\ βα•Δ<Cϒ\, ϒδ ΔϒΔ •Γϒ ϒ ϒϒϒ<
ΓϒΓσ•, Δ•Λ ∇ϒΔ ∇ ∇ϒ Λ)ϒ' ∇ ϒ ϒCΓαΔ', ∇ Δϒ^δϒ',

∇ ∫•ΔU' ∘^C_x▷^ε ∇ ▷b_5PΓ' PΓ ∇▷' ∇ P_5HL_2' ΓΓΓ=
σ•, P ΔC•∇• ▷ σ^C_1_5σ•Δ>_x b σ^C_1_5σ•Δ' ΔUσC d_2< ∫ P
▷ΠΠd•Δ' ▷σ^C_L_9•Δ_2 b P Γσd^<' Δ^5Δ^ε P_2Lσ)•Δ_x

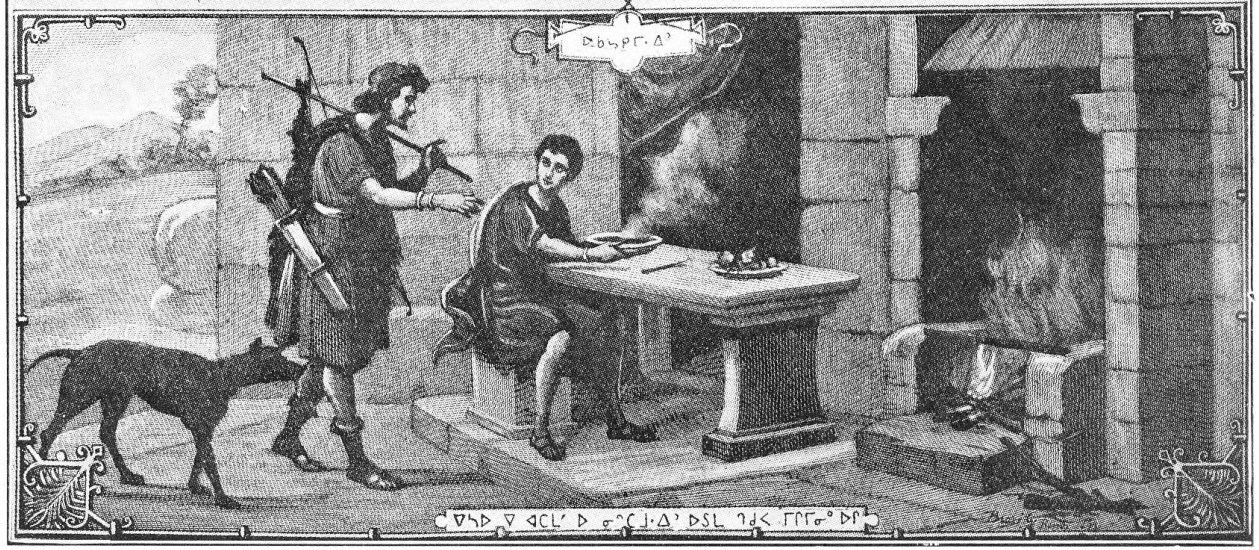
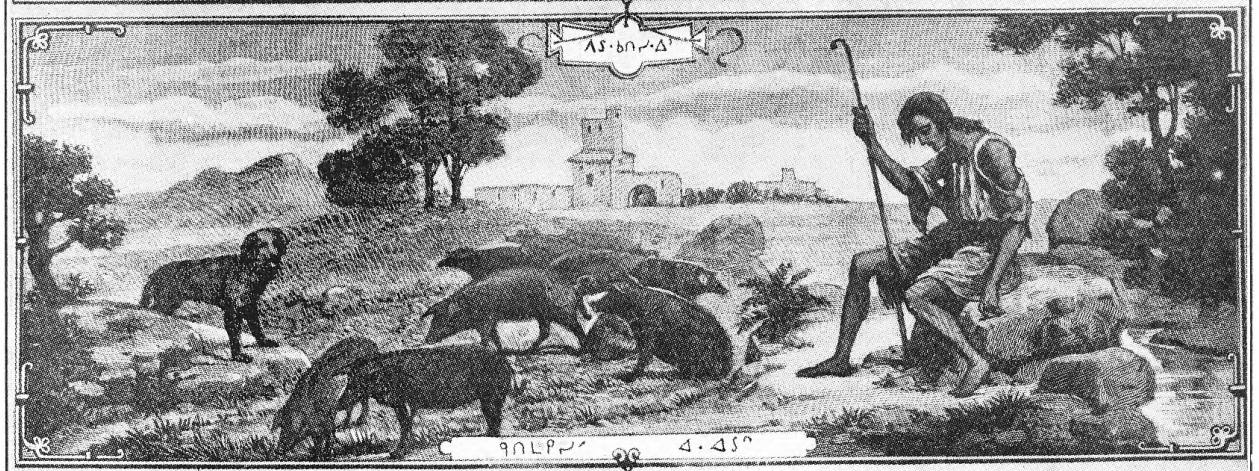
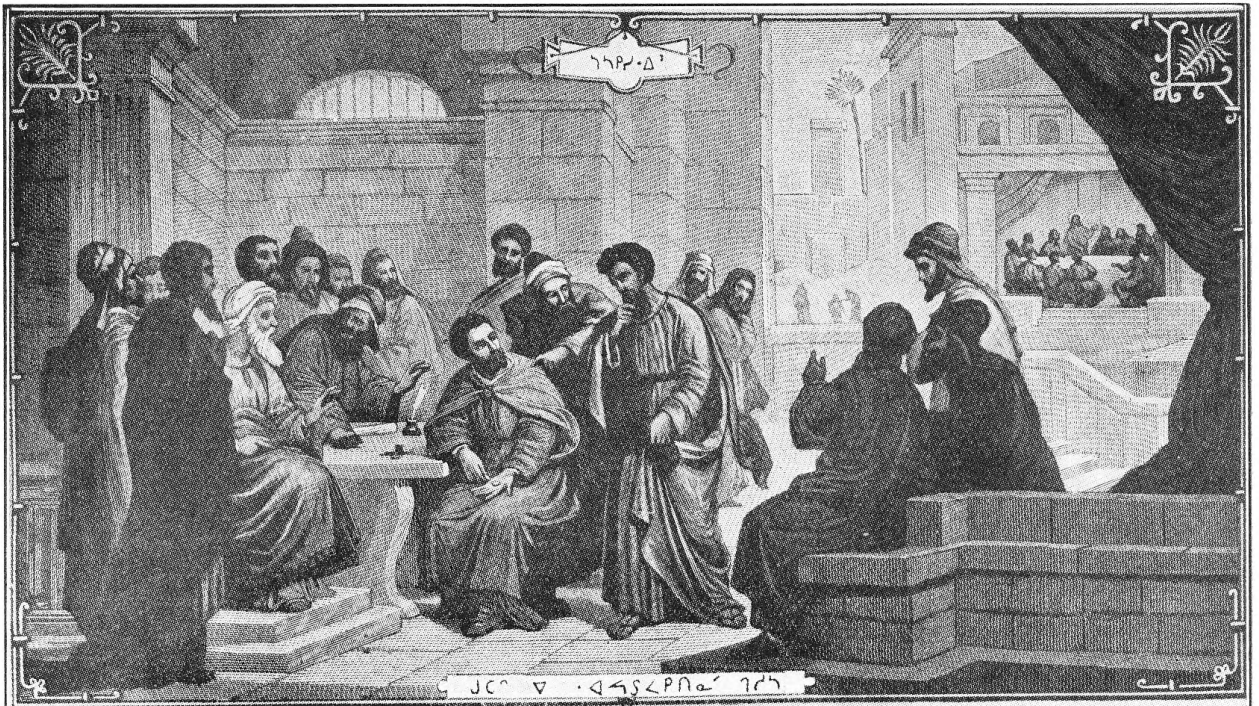
23° ΔσL UC•Δ- L_2_2_2'•Δ> •Δ<Πσ•∇L b ∫ ΔσL_2^ΛC•∇
ΔC_2b ∫ b Δ_5 Δσ_1Γ' Δ_2 b b_9<Π_2 Γ^Πσ_9' ▷d_2_2L•_x ∇ P
b P<Π_2 • ΛLΠ_2', ∇ Δ<ΓC' LΓ Γ_2C_1•Δ_2, P Δ^ΛΓ P_11L P_2=
Δd PΓ Δ<Π_2' ∇ b_2•∇σL' d_2_5, PΓ ΛLΓΔΠ_2' x

24° b ΔΛ_5_5' L_2_2_2'•Δ>, •ΔP-, •Δ<Πσ•∇L b ∫ ∫^∧ ∇ Δ=
Λ' ΓΓ_2'•Δ_2Πd', Δ_2_2' ▷ P^P_2_2L•Δ b_2, ▷ •Δ^b Δ b σΓσ' ∫=
_2_2 ▷•Δ<^Λ_2•Δ ∇Cσ ΔC•Δσ' x Λ_5_5' b σ• ▷' ΔΛ•Δ> ∫C^∧
b ΔCΛΓ' x Γ_2•C L_2', 14, 3x

▷UσC_1•Δ> -- P_5•Δ_2•Δ> -- PΠΓ•Δ>_x
▷UσC_1•Δ>_x

1° ▷UσC_1•Δ>, ∇•Δd ∇_5' ΓΓ_2•∇_2'•Δ> ∘^C Λd_2_2C_2∇=
σC_1•Δ> b ▷ΓL b' ▷ Γ•∘σC_1•Δσ'•▷ ∫•∇σC d_2'•Δσ' ∘^C
Λd ▷_2 Δ<σ•Δσ' dCP Δ•∇_2; ▷UσC_1•Δσ•Δ> ∘^C ΔσL ≅
•bΠ)•Δ Γ•∘σC_1•Δ> b ∫_5Cσ•Δ' ▷_2_2 b UσC_1•Δσ' ∘^C ▷
Lσ<σ•Δσ' dCP Δ•∇_2 x

2° PΓ <^C(Δ)•Δσ•Δ> Δ^b• ▷UσC_1•Δ>: 1° •∇_5 Γ)σ
σ_5'•Δ_2_2C_L b ∫_5 PΔ•∇•Δ>: 2° •∇_5 ∇dC ▷Γ ΔΠ ΔΠ_2σ•Δ>
CΛ^d- LΓLσ) •Δ_2 ΠΛ_2•∇; •Δ_2 ▷' ▷UσC_1•Δσ' b ▷Γ=
<σ' LΓ•C•Δ> ▷C Δ^P' ∘^C ∇ ▷UσΓC' •∇Γ b•9ΓΔC'
∫_2 PΓ •Δσ)C C' x



רבוּ, אבּוּ- <^(\Delta) \cdot \Delta \sigma \cdot \Delta \rangle; \Delta \cap <^(\Delta) \cdot \Delta \sigma \cdot \Delta \rangle \subset \cdot \vee P =
5^{\wedge} \wedge, \Delta^{\wedge} \cdot (\Delta \vee \nabla \cap P^{\wedge} 9 \sigma \subset L 9, \nabla b L b \nabla b \cdot 9 \text{ שד} \Gamma \subset \rangle \cdot x
10^{\circ} P \sigma \cdot \Delta \rho \cdot \Delta \rangle \triangleright \Gamma < \sigma \cdot \Delta \vee \cdot L L \subset d \rho \cdot \Delta \sigma \cdot \Delta \rangle \cdot \sigma \cdot \Delta \nabla \text{ ש} \Delta \Gamma \subset =
J \cdot \Delta \text{ ש} P \subset \cdot \Delta \cdot \nabla a \triangleright \cdot \Delta U \sigma \subset J \cdot \Delta \rangle \triangleright \Gamma x

11^{\circ} P \sigma \cdot \Delta \rho \cdot \Delta \rangle, P 5^{\wedge} \wedge \nabla b \nabla P \wedge \Gamma \subset \sigma \cdot \Delta \rangle, \Delta \rangle \subset \Delta \cdot \nabla L b \rangle P \Gamma
< <^(\Delta) J \rangle \Gamma b U \sigma \cdot \Delta \rangle P \nabla L \sigma \rangle \triangleright \Delta \sigma \sigma b \rho \cdot \Delta \rangle, P \Gamma P \cdot \vee \rangle \subset \cdot \Delta \cdot \Delta \cdot \Delta =
P \Delta \sigma \sigma \cdot, P \Gamma L \sigma \sigma \Gamma \cdot \sigma \cdot \Delta P \Gamma \Delta d \Delta \cdot, \cdot \Delta \cdot \Delta = L b P \Gamma \sigma < \Delta \cdot x

12^{\circ} \Delta \sigma L \cdot 9^{\wedge} P U \Gamma \cdot a \cap \rho \cdot \Delta \rangle, \nabla \cdot \Delta d \cdot \sigma \cdot \Delta \rho \cdot \Delta \rangle, \Delta \sigma L b \Gamma =
P \sigma d \rangle \cdot P \Gamma \text{ ש} \Delta a \cdot \nabla \rho \cdot \Delta \rangle \nabla a^{\wedge} d^{\wedge} \subset b \cdot \Delta \rangle \cdot \sigma \cdot \Delta \nabla L \sigma \sigma \Gamma b \cdot \Delta \rangle \cdot x

13^{\circ} L \cdot \Delta = b \Delta < \subset \cdot P \Gamma \triangleright \Gamma \text{ שד} \Gamma \subset \sigma \cdot \Delta \rangle P \sigma \cdot \Delta \rho \cdot \Delta \rangle, \nabla \cdot \Delta d

1^{\circ} J \vee \cdot P \Gamma b \sigma P^{\wedge} P \rho \cdot \Delta \rangle \triangleright \sigma \cdot \Delta \rho \cdot \Delta \rangle \cdot \sigma \cdot \Delta \triangleright \text{ ש} \Delta a \cdot \nabla \rho \cdot \Delta \rangle
P \wedge L \Gamma \Delta \cdot \nabla \Gamma a \cdot \Gamma \rho^{\wedge} \Gamma \cdot b = b \wedge L \cap \rho \cdot \sigma \cdot \Delta \Gamma \cdot b = b \cdot \Delta \cdot \Delta =
5 9 \sigma \subset \cdot \Gamma < \triangleright \cap d \cdot: 2^{\circ} P \Gamma \Delta \sigma \cdot \Delta \rho \cdot \Delta \rangle \nabla b P \Gamma \Delta \triangleright \Gamma \cdot \sigma \cdot \Delta \nabla b
\cdot \Delta \vee P \Gamma \rangle \subset L \cdot \Gamma \cdot b = \nabla P \sigma \cdot \Delta \rho J \text{ ש} \Delta a \sigma \cdot \Delta \rangle \cdot x

14^{\circ} \vee \triangleright \cdot b \triangleright \cdot P \sigma \cdot \Delta \rho \cdot \Delta \rangle b \cdot b \triangleright^{\wedge} P U \sigma \subset \cdot b \cdot x \nabla \cdot \Delta d \Delta \sigma \Gamma \sigma \cdot
b P \text{ ש} P^{\wedge} b d \cdot \Gamma \rho^{\wedge} P \Gamma \cdot \Delta a \cdot \Delta \Gamma \vee \cdot \Delta \cdot b \sigma \sigma \cdot \Delta a \Gamma \subset \sigma \Gamma P \Gamma \Delta =
J \Gamma \nabla \cdot \Delta b \Gamma d \sigma \cdot, \nabla \cdot \Delta d \cdot \sigma \cdot \Delta \triangleright \sigma P \Delta d L \cdot \Delta \cdot b J \text{ ש} \Gamma \Gamma \cdot \nabla \Delta \cdot \sigma \subset =
P \sigma \Gamma \Delta \cdot \Delta \text{ ש} x

P \cap \Gamma \cdot \Delta \rangle x

15^{\circ} P \cap \Gamma \cdot \Delta \rangle, \nabla \cdot \Delta d \nabla \triangleright \Delta \Gamma \text{ ש} P \subset \cdot \Delta \cdot \nabla a \nabla \Delta \cdot \sigma \wedge \cdot, b \triangleright \Gamma
\rangle \subset d \cdot \Delta \cdot \nabla a \Delta \cdot \Delta \rho U \nabla \text{ ש} \vee \sigma \subset \cdot P \Gamma a b \subset \cdot \triangleright \Delta < \cap \rho \cdot \Delta \rangle \nabla b
\nabla P \text{ ש} \Gamma \cdot, \Delta^{\wedge} \wedge \cdot \Delta a P \Gamma \sigma < \cdot \Delta^{\wedge} \subset \cdot \Delta \sigma \Gamma \rho \cdot \Delta \sigma \sigma \cdot \sigma \cdot \Delta \wedge d \Leftarrow
(\Gamma \cdot \nabla \cdot \Delta \sigma \sigma \cdot, P \Gamma \cap \wedge \rangle \subset \cdot x

16^{\circ} \sigma \cdot \Delta \triangleright \cdot \Delta \text{ ש} P \cap \Gamma a \sigma \cdot \Delta \rangle: 1^{\circ} \Delta L d \cdot \Delta P \cap \Gamma \cdot \Delta \rangle, \nabla \cdot \Delta d

6 ▷ Γ ◁ C • ∇ σ Γ b U \ ◁ ∇ Γ ∇ • Δ Δ U σ C d r • Δ ; 2° ◁ P • Δ P N =
Γ • Δ , ∇ • ◁ d b ▷ Γ ◁ C • ∇ σ Γ b U \ ◁ C • ∇ σ C d r • Δ ; ◁ P • Δ q =
• b a ▷ Γ x

17° P N Γ • Δ σ σ • b N V σ Γ d / ◁ • ∇ σ b ; σ a Γ r ^ b d ◁ ^ C Γ r =
• ∇ Δ J L σ < σ Δ d x P N Γ • Δ ; σ C • Δ P C L b ; Γ r • ∇ a a b • L b N r =
• Δ a x P N Γ ^ P • Δ U σ C d r • C ^ d = ◁ a b < V b N r / , ∇ σ J • ◁ a =
P C / ▷ P J b L x a L • Δ ^ b = • ◁ q σ C ; a L ◁ ^ C • ◁ q σ b =
P C ; a L • Δ a ◁ ^ C P L Γ J C • ◁ b σ • ◁ ; a L • Δ a ◁ C σ σ • ▷
^ L N r • Δ ; x

18° ◁ σ L • q ^ P U P N Γ • Δ ; Γ • a N r • Δ , ∇ • ◁ d P r h • Δ r • Δ ;
◁ σ L b • Δ r Δ d ∇ \ P r r P N ∇ N ^ J C L \ Γ r • ∇ P / Δ U σ C d r • Δ =
σ a • ◁ x

19° P r h d f C σ • ◁ \ P N Γ • Δ ; Δ U σ C d r a σ • ◁ ; 1° C J ◁ P r
b a P ^ P r a σ • ◁ \ ∇ P Δ C r • ◁ / P 2 L σ) Δ σ σ • ◁ P r ◁ C N r σ r x
2° P r ▷ J C L r a σ • ◁ \ Δ C N r • Δ ▷ a r • ∇ • Δ ; ◁ ^ C Γ) σ P r a =
b r C σ • ◁ ; 3° ∇ b • Δ ^ b = • ∇ h P • ◁ P r ^ Γ J a σ • ◁ \ σ V • Δ =
σ \ ; 4° ∇ b • Δ ^ b = , • ◁ • ◁ = ◁ ^ J σ , P r • ◁ σ C σ • ◁ \ V ∇ \ N C =
Δ b ; ^ r J b σ \ 7 • b = ∇ P J b ' x

∇ < ∇ U • Δ r b U \ L r a r • Δ ; 61 x

20° ◁ σ L • ◁ P = L r a r • Δ ; • ◁ C N σ • ∇ L b ; b ◁ C • ◁ N d ^ C ;
J h • Δ r h a x ▷ d ∇ ▷ U σ L r \ , P ^ r • ∇ ^ ◁ • ◁ \ Δ C b < • b σ \
J a Δ < σ \ , ∇ d C P r σ ^ σ r x L b , ∇ ◁ U σ C P \ , P • ◁ a • Δ ^ U • ◁ \
◁ ^ C P ◁ C 7 • ◁ \ ◁ σ Δ / ▷ C C • ∇ • ◁ , b P Δ) C ◁ σ r ∇ r '

4° P \ Δ S x

21° ΔσL C^C • Δ = • Δ < L b σ • Δ , ∇ > Δ , ∇ ∇ Γ C d S \ , ∇ P a =
C • Δ σ < Δ / Δ Π d S S , ∇ • Δ • Δ • ∇ S C / ∇ Δ S • Δ P ^ C Γ σ Γ Δ C =
• Δ > Δ > Δ b x P a C • Δ < P Π a L • ∇ • ∇ b • 9 Γ L / P Γ Δ > Γ ∇ ^ C L =
d / ∇ Δ σ ^ C] S σ Γ d / Δ Γ ; L b Γ d ^ Δ > Δ Γ ^ d = P Δ > Γ ∇ ^ C =
L d < , Δ C • Δ > , ∇ P • Δ > S L / x Δ ^ Λ ∇ > Δ Δ Γ σ • b P ^ 9 σ C \ , P
P Γ P S • Δ Γ • ∇ ^ C P Δ • U • P Γ σ < Δ / Γ d < x 2 ∇ ^ , 27 x

22° ΔσL σ Γ L Γ a Γ • Δ , • Δ < L b σ • Δ , Δ P Π Γ • ∇ P Π Γ S \ >
σ C • Δ P Γ b σ \ ∇ Δ C • Δ a • b σ σ \ x Γ Γ • ∇ < Λ • Δ S σ σ • Δ Δ Γ σ > ∇ ^ C
Δ σ • Δ P C] L b σ σ • Δ Δ b • Δ Γ a • b S > ∇ ^ C d C P > L Γ L ^ d S > x

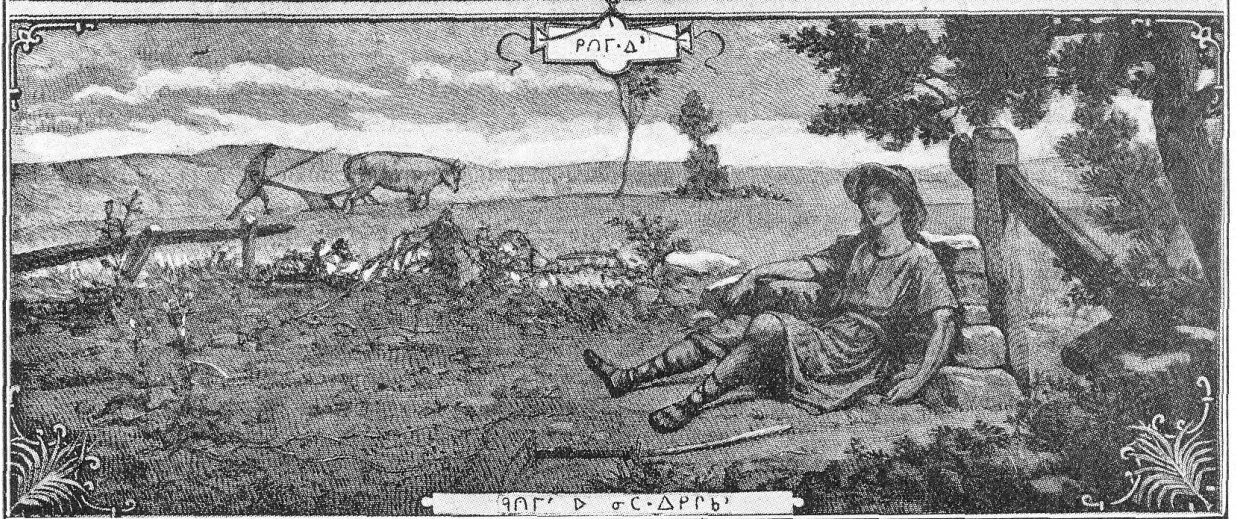
Γ • a Π Γ • Δ a x

L σ) • Δ Γ • a Π Γ • Δ a x

1° Γ • a Π Γ • Δ , ∇ • Δ d Δ b d • Δ Γ a Δ > • Δ , b S P ^ b d / Δ L \
P Γ) C / Δ σ Γ σ • b Γ • a S σ σ \ ∇ ^ C P Γ Δ S C \ b L a C σ σ \ x

2° Δ σ σ • Δ Γ • a Π Γ • Δ a , ∇ • Δ d Δ σ Δ b Δ) C Δ d > \ P Γ Γ a
) C L \ , ∇ S P ^ b d > \ Δ Γ Δ σ σ • Δ Γ) ∇ σ Γ b , x (Λ ^ d = P Γ Γ σ /
9 • b σ • Δ P Π L P Γ • , ∇ • Δ C L d > \ P Γ) ∇ σ Γ b σ a • ∇ Δ S a • b \
P Γ a C L • Δ \ P Γ Δ σ σ a • x ∇ • Δ d Δ σ L Δ σ σ • Δ Γ • a Π Γ • Δ , x

3° S • ∇ σ Γ 9 • Δ σ Γ • a Π Γ • Δ a • , Δ σ L • ∇ Γ Δ S σ b U P , ∇ • Δ d
∇ b ∇ b ^ P C / Δ σ σ • P Γ Δ < Γ C / , • Δ a Π Λ a • ∇ Δ b ^ P Δ • Δ ,
Δ Γ ; L b Δ < Γ C • ∇ ^ C Γ a) C , Λ S S \ ∇ S P ^ b d / C • ∇ < σ C =
] • Δ σ σ • ∇ ^ C ∇ • Δ Γ Δ d / S • ∇ σ Γ 9 • Δ σ σ • x ∇ • b ∇ P \ ∇ S =
• ∇ σ Γ / b L ∇ Γ / Δ • ∇ a , C • ∇ < σ C] • Δ , ∇ Δ Γ σ Γ C • Δ a / Γ =



2° b • ΔΓΔδ ad Γd' 9NL9Pσf x

4° 5•∇σΓ9•Δσ Γ•aΠP•Δa σ•5> Δδ P^9σΓbU•Δ:L= σ)•Δ Γ•aΠP•Δa σ^C b σbσσC•bP •aΠP•Δax

5° Lσ)•Δ Γ•aΠP•Δa ΔΓ ΔδσbU•Δ, •∇h P2Lσ) ΠΛa= •∇ C•V4σLbσ•Δ, •Δa ΠΛa•∇ Δ^VσJ)C•Δbσ•Δ, σ^C 4PΔbσ•Δ, ∇ Δ<ΓCσ•ΔP ΔΔ Γ•aΠP•Δaxσ^Π•a ΔΠ Lσ)= •Δ Γ•aΠP•Δax C•V4σCJ•Δ, Δ^VσJ•Δ, σ^C 4PΔ•∇•Δ C•V4σCJ•Δ, x

6° C•V4σCJ•Δ, ∇•Δd Lσ)•Δ Γ•aΠP•Δ, ΔσL b ΔΓ C•VCL, ∇ 9ΓaΔ>, ΓP•∇ ΔσΔ C•V•Δa P2Lσ) b P^9σ= CδC' σ^C b P^PΔL C' Δ' Δ>Γ∇^b a ∇ Δ<ΓΔ' x

7° Γ)σ P aC•∇σCδPaa• PΓ C•VCL, ∇b ∇ •Δ•Δσσ= CL, ΔσΔ 9•ba ΓP•∇, P2Lσ) b P •ΔCL C, •∇h •Δa ∇= •Δd ΠΛa•∇ C•V•Δ, σ^C aL•Δa bC P •Δ4δΓΠP, aL σ^C bC P •Δ4δΓ•∇•x

8° Γ)σ aC•∇σC•b, C•V4σCJ•Δ, PΓ ΛLΓΔaσ•Δ, •∇h 7P^ P Δ•U<: "Δa ∇b b C•VC' bC σδ•ΔaΓLbσ•Δ" x Γσ•C L^, 16, 16 x

9° σδ•ΔaΓCσ•Δ, C•V4σCJ•Δ, ΔΓC• ∇ ΔσΔbU' a^= <Γ Δ>Γ∇•Δ, ΔΓC• ∇ Δ•σΓbU' σ^C Λd ∇ •Δ•ΔσσΓbU' >> ΔσΔ 9•ba b ΔC•bP C•V4σCJ•Δσ'; σδ•ΔaΓCσ•Δ σ^C ΔΓC• ∇b ∇ P^PΔLΓaσ•Δ Δ>Γ∇•Δ, Γσ•C b)σ' Δ>Γ∇^b, b P^PΔL9' x

Γρ·∇ δCP> Γ·εΠρ·Δε ρ·C Γδ ΔJ·9·Δε εL·Δε ·Δ<υ
P b ΔJ ·ΔΓΔδεε· PΓ ΛLΓD>·x

∇ <U ·ΔΓbU· Lρερ·Δ> 62x

16° C·V<σCJ·Δ> ·Δ<Πσ·Δσ·Δ> CΛ·δ- Δ*PσP^·9· ∇
ρJε' Δ PΓσ^P·, Γ<Π·b ρ·C ∇ Δ^Λε' Δ εLΠσ^P·, b
<ρUσ· ·Δ^UεLbσσ·xΓ<Π· Δ·CΓbU· Π<ΔL9^CL9·Δ L=
L^bCJ·Δ>; ∇·Δδ V>· ∇ P^UσC·bP C·V·Δε Δ>Γ∇·Δσ·x
ΔσL ·Δ^UεLb> P^Pδ·ΔΓΓ9Lb> C·V<σCJ·Δ>, b ·Δ^Uε=
Lδ' ΔL·, CΛ·δ- ε^Λ- ∇ P b>^Uσ· ·Δ^U·Δσσ·x

17° σΓ Δ>C ·Δ<Lbσ·Δ> Δ'εΔ' ΔεΔ ·ΓΓ ∇ ·Δ ΔΠ ε=
εP·ΔΓ9·Δ <PΠε' Δδρ ε ΔεΔb x> ρPU∇·Δ> P ΔΓ εδC·
∇^ΛΓ ΔC·V<σCJ·Δσ'xρb P (C·V<σΓ· PεLσ)·Δ PΓ ΠΛ=
JCGσΓ b ΔεCLδ^<> PΓ σC·ΔPΔ' ε^Λ- ΓΓ' Δσ^9 ΛL=
Πε, ΔC ∇ εCε·ΔΠδ' PΓ εεP·ΔΓ9·Δ <PΠε' Δ V>δεεx

18° Δ^VσJ·Δ> εδCσ·Δ> CΛ·δ- Δ*PσP^·9·, ∇ Cδε·
Δ PΓσ^P·, PΓΔPL·Δ^JΠσσ· ρ·C ∇ ΔρΠC' Δ εLΠ>, Γ^=
C<ρσ·xΔσL PΓΔPL·Δ^JΠ> P^Pδ·ΔΓΓ9Lb> PΓPδ·Δ P^=
UσCδρ·Δ>; Γ^C<ρ> Lb, ΔσL LΓJ)C9·Δ> PΓ ΛLΓDεσ·Δ

19° σΓ Δ^VσJ·Δσ·, ·Δ<Lbσ·Δ> J·, ∇ ΔΛ' ΔC ∇J C=
<UσC·bσσ·, ΓJσ ∇ b·ΔbU' ρ·C Γρ·∇ ∇^ΛΓPΠ' ∇ Λδ=
<σ'xΓ·b- ∇ ·Δε9σC· ρ·C ∇ εεbUσJ', P ρPU∇·Δ Δ^=
VσJx "ΔC Γε·Δ- σ<ΔU, P ΔJ U·V·, P><- σ b. LΓJ)C=
·Δ· PεLσ)"x J·, 13, 15x

σΔ L·Δ- b Γ·eσρ 9·b e 9 ρ ΔΓ ΛLΓΔ>·x

·b>^PΠ·Δ>x

4° ·b>^PΠ·Δ>, ∇ 5·∇σΓ9·Δ Γ·eΠρ·Δσ·Δ>, ρ' Δ) =
C d e e · ρΓ < P Π e L · Δ> ρ 2 L σ) ρ ^ C ρ Γ Δ σ σ e · Δ σ Γ σ · b
Δ U σ C d ρ Γ \ ρ Γ Δ > Γ \ x ρ ρ ^ ρ ρ Δ L d e e · · b > ^ \ ρ Γ Δ U σ L =
ρ \ ρ ^ C ρ Γ Δ C · Δ ρ \ ρ Γ Δ σ σ e · Δ \ , ρ Γ C < U σ Γ Π ρ > \ ρ ^ C
ρ Γ 5 · 9 σ Γ Π ρ > \ ρ e e · Π Λ e · ∇ x ρ Δ · U < > Γ ρ 7 : " ρ 5 ^ Λ >
∇ b Δ · Δ ρ U ρ ^ U σ C · b \ ρ · b > ^ ρ C Π ρ · Δ σ · Δ · Δ ^ Λ - Δ ≡ =
ρ e Δ 9 · Δ \ ρ ^ C < Π ρ > \ Δ · b > ^ ρ C Π ρ · Δ σ · Δ · , e L · Δ e ρ b
ρ Λ) b e · Δ · ρ Γ ρ ρ d · Δ Δ ρ L · Δ · Δ σ \ " x Γ ρ · C L Π ρ , 5 , 20 x

ρ ρ U ∇ · Δ > x

5° ρ ρ U ∇ · Δ >, ∇ 5·∇σΓ9·Δ Γ·eΠρ·Δσ·Δ>, ρ ρ ρ U ∇ ^ =
b d e e · ρ Γ Π Λ) C L \ Δ σ Δ Δ U σ C d ρ · Δ e b ρ < P Π e L C \ ρ =
2 L σ) x

e Δ σ d · b Π ρ · Δ > x

6° e Δ σ d · b Π ρ · Δ >, ∇ 5·∇σΓ9·Δ Γ·eΠρ·Δσ·Δ>, ρ Δ ≡
C d e e · ρ Γ Δ ρ C L \ Γ ρ · ∇ ∇ Δ ρ Γ Δ < Γ C σ · Δ \ 9 · b > x ρ Δ =
C d e e · · Δ · Δ - ρ Γ Δ ^ Λ Γ e Δ σ d \ Δ < Γ C > \ , ∇ b ρ Γ e e) e =
L \ Γ · ρ σ C] · Δ > Δ ^ ρ · Δ 9 · b e \ x

∇ < ρ U · Δ ρ b U \ L ρ e ρ · Δ > 63 x

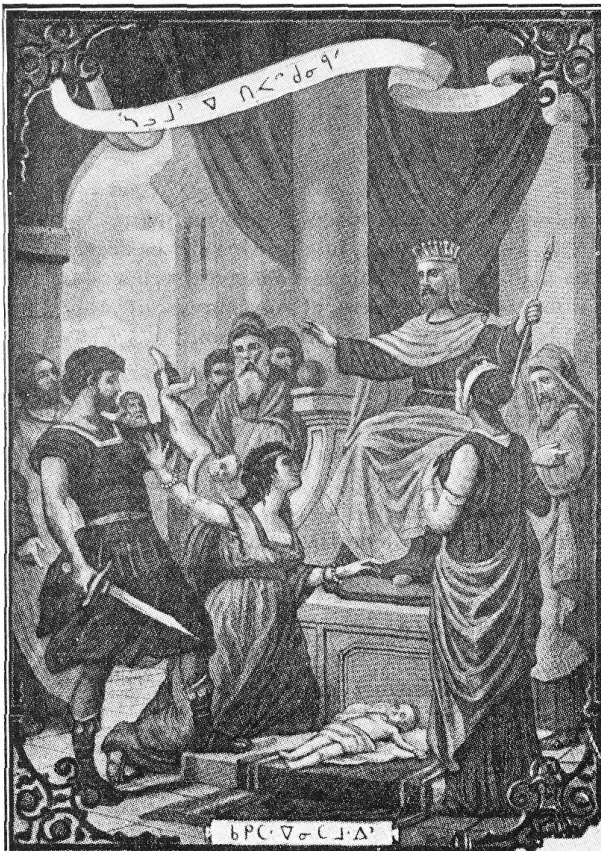
7° b 9 C · ∇ σ C] · Δ > ρ ^ ρ ρ · Δ ρ C σ · Δ > Δ σ L · Δ ρ - L ρ e ρ =
· Δ > , e L Π σ \ Δ U 9 , Δ Π < ^ d σ 9 · Δ σ \ ρ ρ] > x σ e Δ ^ · 9 · Δ \ ∇
· Δ ρ Γ) Γ \ , b ρ e · ρ · Δ < L · Δ ρ · Δ \ x ∇ > \ L b Δ d b σ ρ Γ \ Δ =
Λ ^ C · Δ ρ 5 \ ρ > σ Λ L Π ρ · Γ · b - ∇ Π Λ ^ b σ \ x Δ e L b Δ b · Δ L ·



b ▷C•ΔSΓS<▷ P Γ<▷▷• ΔσΔ b σΛσΓ, b ΛLΠρσΓ Lb
 ° ▷Π•xΔe dC\ Δ°•q• ∇ P^qσC\ ▷L b P ΔS •Δσ)C=
 •Δbσ•Δ', P VΓ ΔσJ^C•∇• ካኃJexካኃJ' •Δ<Lbσ•Δ' ∇ Δ=
 Λ' ▷ PΓ▷PL•ΔΛ•Δσ', ΔσΔ σρ Δ°•q•Δ ∇ ▷Π•b•Δb<•Δ=
 Cd' ρ^C Δe b σΛ' Δ•ΔS^ ΛΓS' ΓP= PΓ▷PL•ΔΛ•Δσ'x
 ▷L Γ•b-, V>\ e)Cσ•Δσσ•, JLBσσσ• ∇ Cde', σΓ• b Λ=
 LΠρσΓ Δ•ΔS^, CΛ^d- b eC•∇σLΓ\ Δ°•q•Δ'x "C^Pρ',
 P Δ•U• PΓ▷PL•, Δe b ΛLΠρ' Δ•ΔS^xσρΔ\ Lb, ΔΛC•
 Γσ V>\, ΔΛC• ρ^C Γσ\ dC\"x "σ' ▷PLC, P' Δ•U• Δ=
 e C•V b ▷C•ΔSΓS', Γσ\ ΔσΔ Δ•ΔS^ ∇ ΛLΠρσΓ; ∇b•Δe
 Lb σ<Δ'\ "xLb dC\ P Δ•U•: "∇d2 ∇b•Δe σe σ b Δ>=
 •Δ•, ∇b ρ^C Pρ, Lb σρΔ'\ "x ∇d PΓ▷PL• ∇•U': "Γσ\
 ΔσΔ Δ•ΔS^, Δe σ^C° Δ°•q•x∇b•Δe Lb σ<Δ'\x•∇h •Δe
 ∇•Δd b ▷b•ΔL' "x 3 PΓ▷PL•Δ', 3x

8° PΓσ^P\ ΔUq, •Δ<Lbσ•Δ' ገረ', ∇ P^P_ΔL•Δ' <Π=
 ረ> •b>^PΠ•Δσσ•x▷▷ P b•qΓΓd, ∇ •Δ ▷Γ b•qΓΔd', P=
 ና^Λ> •∇eρ•∇σC•b_•q PΓ Γσ' ΠVσΓq•Δ ρσ>e, ካካ², PΓ
 ▷PL•, ρ^C Λd ∇b_x•Δe Lb, ∇ •Δ<C•L' ▷ bb_σρ•Δσσ•,
 P)C•∇• PΓ J^PρσΓ V>\ ρσ>eΛ^d_εx∇ Δ•C•Δ' Lb, P
 b•qΓΓ°: " Δ•∇e ▷'. ΔSσbρ•Δ' ▷L, ρ^C Δ•∇e b Lρeρ'
 ▷C?" P Δ•U•Δ' Lb: "ካካ²"x∇d ∇C': "Γσ\ ካካ² ΔσΔ
 •∇C>σ' ካካ², ρ^C P2Lσ), ΔσΔ •∇C>σ' P2Lσ)"xΓ_•C
 •>, 20, 19x

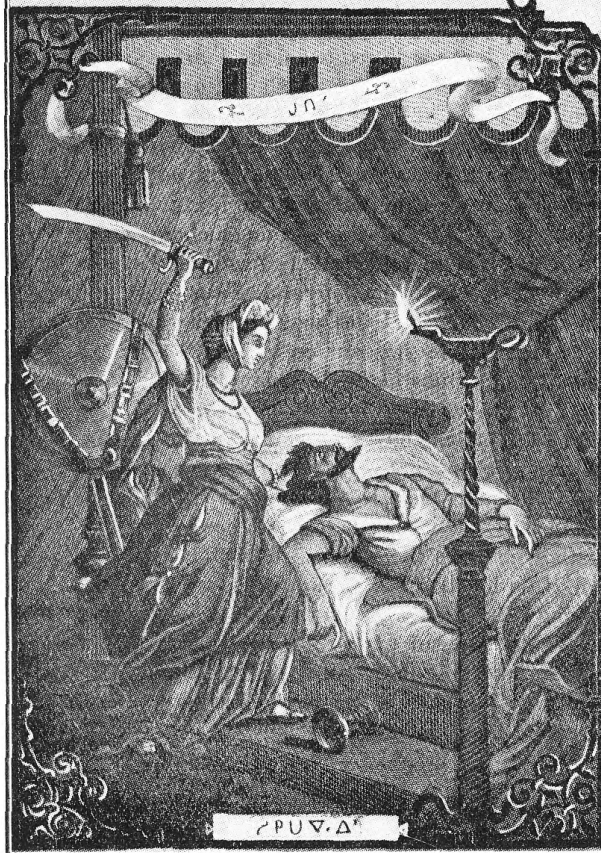
9° P^P_0 < ΔΓδρ • JN', ∇ ΔJ P^UσC • b \ ρPU∇ • Δ, xJ =
 N', ∇ Γ • eNρ' Δ^ • 9 •, ∇ • Δ < C \ D' ΔC • Δ, ∇) c↳, ΔSΔ
 • 7P ∇ ΔN ΔN_σΓσΓ Δ_∇^2_e, ρN↳_e PΓ e) < σ • ΔPL • Δ, P Δ =
 UσC: PΓ ΛLΓC' ρ^C Λd PΓ σΛ' 7 • b - ∇ dΓC' x∇ P
 • Δ • ∇ J D', ∇ > ρ' * b \ Γρ • ∇ b Γ • e J σ σ P D' Δ↳_e ρ^C D'
 Δ_γ • Δ ρ σ↳_e Λ^ d L, P Δ) U • Δ e) < σ • Δ C • Δ σ σ \ Δ σ Δ b < • b =
 N d Γ \, C Λ^ d - ∇ • Δ Δ J C \ 9 σ J • Δ e C σ σ \ D' Δ C • Δ, x Δ_∇ =
 ∇^2_∇, ∇ P Δ^ Λ Γ LL^ b U σ L' ∇ Γ_∇ e d ρ σ Γ ρ^C ∇ Δ^ Λ Γ b =
 9 C • ∇ σ C Γ σ Γ ∇ Δ↳_Γ σ Γ, P Δ J C • PΓ L d 2 • Δ σ σ • ∇ • Δ P^ =
 U σ C d Δ' Δ Γ x 7 • b - ∇ L d 5 σ • Δ \ L b, • ∇_γ Γ^ C Δ P Γ σ • 9 •
 ρ^C P ΔN P^ • 9 ∇ • x ∇ e b N Γ \ L b ∇ J Γ σ J Γ \, ∇ Λ Γ J σ σ Γ
 ∇ σ < σ Γ, P Δ N_σ: JN \ e) < σ • Δ PL • Δ Δ J L b σ σ •, ∇^2 - Δ J C
 b P Δ d U σ P < ρ^C P P^ b C Δ • 7 • Δ^ N • b σ σ • x J N', 10, 13 x
 10° Δ σ L ρ Δ L ρ_∇ ρ • Δ, • Δ < N σ • ∇ L b, e Δ σ d • b N ρ • Δ, x b
 P Δ < Γ C' U Λ' P Γ Δ PL • x L J C < ∇ • Δ S d Γ C' ∇^2_∇^C Δ C =
 • Δ σ σ •, 7 • b - ∇ C J b C Γ σ Γ Λ ρ^ N↳_e ∇ P^ b < • 9', P Δ J U =
 • ∇ •: " > C L Δ σ σ • ∇ Γ Γ_∇ Δ' σ Λ σ • b Δ ρ • Δ U \ J_∇ Δ < σ \ b
 Δ C • b \ ∇^2_∇ Γ \ Λ Γ, P Γ Δ^ • b U Γ \ " x ∇ d • C 4 \ σ^) ∇ ρ P =
 U ∇ Γ \ e ∇ • Δ \ P S > * b • L \ Λ↳^ N↳_e Δ e) < σ • Δ Γ P • Δ Γ σ • Δ,
 P • b < Δ • L \ σ Λ σ • ρ^C P ∇ C L • ∇ • Δ \ U Λ C P Γ σ • 9 σ Γ x
 L b U Λ' e L • Δ_e Δ Γ Γ σ • 9 • x L b P ρ P_e, ∇ < P N σ 9^ C • Δ
 Δ N ∇ σ Γ 9 • Δ, ∇ Δ • U': " e L • Δ_e b C • Δ Δ P, P Γ σ • 9 • Δ \
 Δ Γ d Γ • Δ • Δ d Δ σ σ • Δ \, • ∇_γ ∇ P Γ e σ_γ σ ρ Γ \ P Γ σ < Δ Γ \



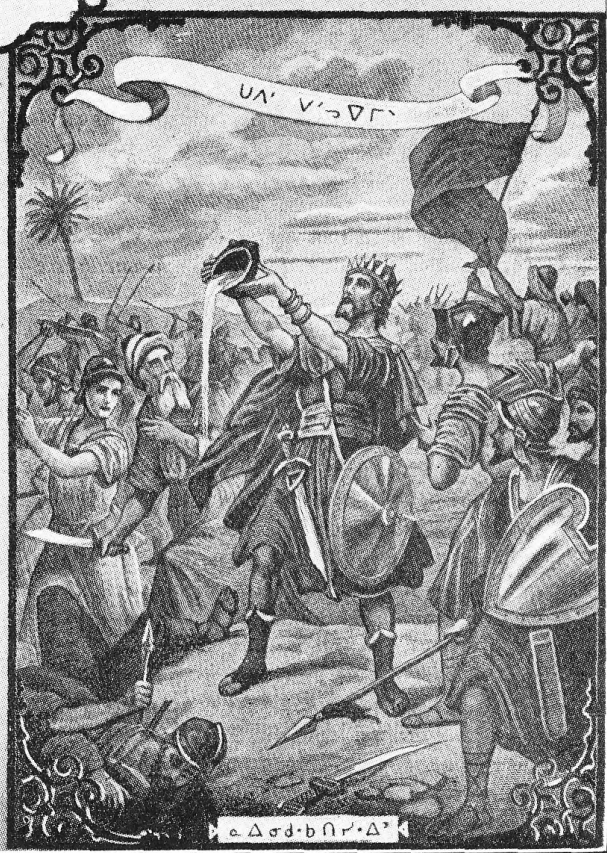
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$\sigma \text{ P } \forall \text{CL} \cdot b \setminus \triangleright \text{C} \sigma \cdot \sigma \wedge \sigma \cdot x$

$\delta \text{CP} \triangleright \Gamma \cdot \text{a} \text{N} \rho \cdot \Delta \text{a} \Gamma \cdot \text{a} \text{N} \rho \cdot \Delta \sigma \setminus b \triangleleft \sigma \cdot \text{J} \rho \text{bUP} x$

1° $\nabla \cdot \triangleleft d \triangleleft \sigma \Delta \Gamma \cdot \text{a} \text{N} \rho \cdot \Delta \text{a} b \text{ P} \cdot \text{a} \text{P} \cdot \text{a} \text{L} \text{C} \setminus \eta \rho \cdot \text{a} \Gamma \cdot \text{a} \cdot \triangleleft \rho \cdot \text{J} =$
 $\cdot \Delta \sigma \setminus : \text{C} \langle \text{U} \sigma \cdot \text{J} \cdot \Delta \rangle, \text{P} \text{N} \text{L} \rho \rho \cdot \Delta \rangle, \langle \triangleleft \text{b} \text{N} \rho \cdot \Delta \rangle \text{ } \sigma \cdot \text{C} \text{ } \text{a} \text{a} \Delta \text{C} \cdot \text{J} \cdot \Delta \rangle x$

$\text{C} \langle \text{U} \sigma \cdot \text{J} \cdot \Delta \rangle x$

2° $\text{C} \langle \text{U} \sigma \cdot \text{J} \cdot \Delta \rangle, \nabla \cdot \triangleleft d \Gamma \cdot \text{a} \text{N} \rho \cdot \Delta \rangle b \cdot \Delta \rho \Delta d \setminus \rho \rho \cdot \triangleleft \text{C} =$
 $\text{CL} \setminus \rho \text{ } \text{a} \text{U} \langle \sigma \cdot \Delta \sigma \text{a} \cdot \triangleleft \cdot \sigma \cdot \text{C} \rho \rho \langle \text{P} \text{N} \text{a} \text{L} \cdot \triangleleft \setminus \triangleleft \text{a} b \triangleright \rho \wedge \text{L} =$
 $\text{N} \rho \setminus, \Gamma \rho \cdot \nabla b \Gamma \cdot \text{a} \text{J} \setminus b \wedge \rho \cdot \text{b} d \setminus x$

$\text{P} \text{N} \text{L} \rho \rho \cdot \Delta \rangle x$

3° $\text{P} \text{N} \text{L} \rho \rho \cdot \Delta \rangle, \nabla \cdot \triangleleft d \Gamma \cdot \text{a} \text{N} \rho \cdot \Delta \rangle b \text{ } \text{C} \text{C} d \setminus \nabla b \rho \rho \langle \text{C} =$
 $\text{C} \text{L} \setminus \triangleleft \rho \cdot \Delta \text{ } \rho \cdot \text{b} \text{a}, \text{L} b \text{ } \rho \text{L} \sigma \rangle \cdot \Delta \text{a} \wedge d \rho \rho \triangleleft b \cdot \nabla \sigma \text{L} \setminus x$

$\langle \triangleleft \text{b} \text{N} \rho \cdot \Delta \rangle x$

4° $\langle \triangleleft \text{b} \text{N} \rho \cdot \Delta \rangle, \nabla \cdot \triangleleft d \Gamma \cdot \text{a} \text{N} \rho \cdot \Delta \rangle b \text{ } \rho \text{P} \text{U} \nabla \cdot \Delta \text{ } \text{J} \rho \cdot \text{b} d \setminus$
 $\rho \rho \triangleright \text{J} \text{C} \text{L} \setminus \Gamma \rho \cdot \nabla \nabla b b \triangleright \text{a} \rho \cdot \nabla \sigma \text{C} \cdot \text{b} \rho \cdot \Delta \setminus \cdot \Delta \Gamma \text{a} \cdot \triangleleft \text{C} \cdot \text{J} \cdot \Delta \text{a}$
 $\sigma \cdot \text{C} \cdot \triangleleft \cdot \triangleleft = \triangleleft \sigma \Delta b \triangleright \text{a} \rho \cdot \nabla \sigma \text{C} \cdot \text{b} \rho, \text{a} \Delta \sigma d \setminus \rho \rho \triangleleft \text{C} \rho \text{C} \setminus x$

$\text{a} \text{a} \Delta \text{C} \cdot \text{J} \cdot \Delta \rangle x$

5° $\triangleleft \sigma \text{L} \Gamma \cdot \text{a} \text{N} \rho \cdot \Delta \rangle, \text{a} \text{a} \Delta \text{C} \cdot \text{J} \cdot \Delta \rangle \rho \text{ } \text{J} \rho \cdot \text{b} d \text{a} \text{a} \cdot \rho \rho \text{ } \text{C} \cdot \text{V} =$
 $\text{C} \cdot \triangleleft \rho \setminus b \text{ } \text{N} \text{V} \sigma \text{C} \cdot \text{b} \setminus, b \text{ } \Gamma \cdot \text{a} \text{N} \rho \cdot \Delta \setminus \rho \text{L} \sigma \rangle \cdot \triangleleft \triangleright \text{C} \triangleleft \rho \setminus$

6° $\text{L} \cdot \triangleleft = b \text{ } \Gamma \text{C} \rho \text{L} \text{b} \setminus \setminus \text{N} \cdot \text{N} \cdot \Delta \wedge \text{L} \text{N} \rho \cdot \Delta \rangle \rho \rho \triangleleft \text{C} \rho \text{C} \cdot \triangleleft \setminus$
 $\text{a} \text{C} \cdot \nabla \sigma \text{C} \cdot \text{b} \cdot \text{a} \triangleleft \sigma \Delta \sigma \cdot \text{C} \rangle \Gamma \cdot \text{a} \text{N} \rho \cdot \Delta \text{a} : \text{P} \text{N} \text{L} \rho \rho \cdot \Delta \rangle, \langle \triangleleft \text{b} \text{N} \rho \cdot \Delta \rangle$

$\sigma \cdot \text{C} \text{ } \text{a} \text{a} \Delta \text{C} \cdot \text{J} \cdot \Delta \rangle x b \cdot \Delta \triangleleft \rho \setminus \triangleleft \sigma \text{L} \text{L} \cdot \triangleleft = b \text{ } \Gamma \cdot \text{a} \text{J} \setminus, \triangleleft \text{J} \text{V}$
 $\wedge \text{L} \text{N} \rho \cdot \Delta \sigma \setminus \rho \rho \Delta \cdot \text{U} \cdot \Delta \triangleleft \text{C} \text{L} \cdot \nabla \cdot \triangleleft \setminus \rho \text{L} \sigma \rangle \cdot \triangleleft \rho \rho \text{ } \text{P} \text{N} \text{L} \rho \rho \setminus,$
 $\nabla \cdot \triangleleft d, \nabla b \rho \rho \text{ } \text{N} \text{V} \sigma \text{C} \text{N} \rho \cdot \Delta \triangleleft \text{C} \rho \text{C} \setminus \triangleleft \rho \cdot \Delta \text{ } \rho \cdot \text{b} \text{a}, \rho \rho \text{ } \Gamma \text{C} \sigma$

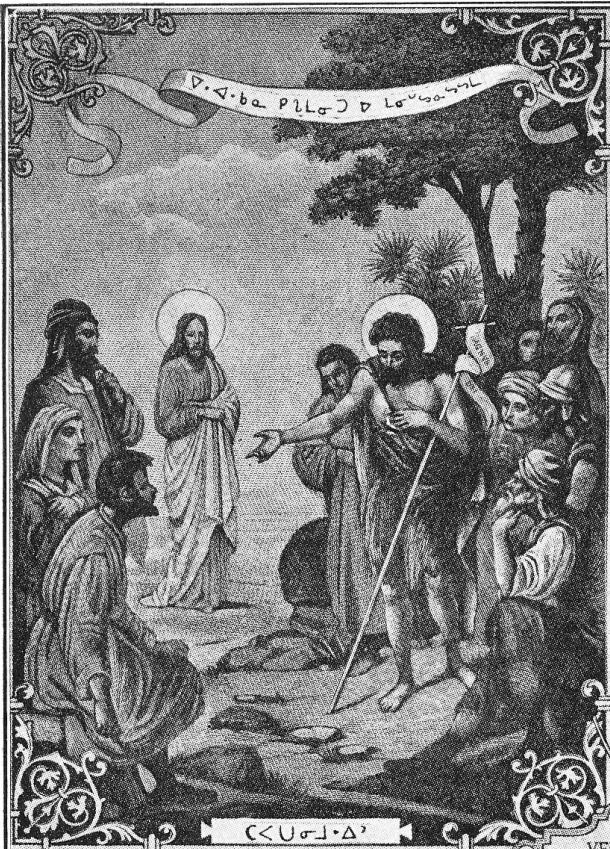
<461121\, \nabla \cdot \Delta d, \nabla b \cdot \Delta \cdot \Delta = \text{Pr } \Delta \nabla \Gamma \nabla \cdot \Delta P \Delta \Gamma \backslash, \text{Pr } \Delta \Delta \Delta C P, \\ \nabla \cdot \Delta d \text{ Pr } C \cdot V C \cdot \Delta \Gamma \backslash \text{ b } \cap V \sigma \Gamma d \Gamma \backslash x

7° \eta^{\wedge}, \nabla \nabla \cdot b \cdot P \Delta U < \nabla \nabla \backslash \Delta^{\wedge} P \sigma P \cdot \Delta C \sigma \text{ q } \Delta C \Gamma \sigma^{\wedge} < \nabla \\ \text{Pr } P \Gamma \Delta \sigma \Gamma L b \sigma \sigma \backslash \Delta \wedge L \cap \Gamma \cdot \Delta \sigma \sigma \cdot x \text{ " } \nabla \nabla \backslash \Delta P L \cdot L b \text{ P } b \cdot q = \\ \Gamma \Gamma \cdot, \nabla \Delta \cdot U \text{ : " } \Gamma \sigma \text{ q }^{\wedge} P \sigma \Delta L q \nabla \nabla \text{ , } q \cdot b \text{ } \nabla \text{ } \Delta C L \text{ } \text{Pr } P \Delta \nabla = \\ \nabla \text{ } b P q \wedge L \cap \Gamma \cdot \Delta \text{ ? " } \eta^{\wedge} L b \text{ P } \Delta \cdot U \cdot \text{ : " } C \sigma P \cdot \nabla \Gamma \Delta \Gamma \sigma \cdot C \\ \Delta \sigma \sigma b \sigma \nabla \text{ } ? \Delta L \cdot \Delta \Delta \Delta \cdot \nabla \Delta \Gamma \sigma \cdot C, \wedge d \nabla \nabla \backslash, \nabla \cdot \Delta d \text{ P } \Delta L \sigma \Delta \text{ } x \text{ P } P^{\wedge} = \\ q \sigma U \text{ } \Delta \Delta \sigma \cdot \nabla \cdot \Delta \Delta \text{ : } \nabla b \cdot \Delta \Delta \text{ P } b \wedge \sigma \cdot b \cap \Gamma \text{ } \nabla, \nabla b \cdot \Delta \Delta \text{ P } b \sigma < = \\ \Delta \cdot \Delta \text{ } \nabla, \nabla b \cdot \Delta \Delta \text{ P } b \text{ P } \Delta \cap \text{ } \nabla, \nabla b \cdot \Delta \Delta \text{ P } b \text{ P } \Delta^{\wedge} P \cap < \Gamma \Delta \text{ } \nabla, P^{\wedge} U \sigma \text{ } \nabla \\ d C \cdot \Delta \sigma^{\wedge} C \text{ P } b \cdot \Delta \text{ } x \text{ P } \Delta \cdot U \cdot L b \text{ : " } \Gamma \Gamma \cdot \nabla \Delta \Delta \sigma \text{ P } b \Delta \cdot V \sigma U \text{ } \nabla \\ \Delta^{\wedge} d \Delta \backslash \text{ b } \Delta \cdot \Delta \sigma \sigma \cdot \Delta \nabla \text{ } \text{ } x \Delta^{\wedge} \wedge L b \text{ } \eta^{\wedge} \wedge \nabla C \backslash \Delta \Gamma \sigma \cdot, \text{ P } \Delta U \cdot \text{ : } \\ \text{ " } \nabla \nabla \backslash \text{ q } \cdot b \text{ } \text{ P } \Delta U < \sigma \text{ } x \Delta C \cdot \Delta q \Gamma \Gamma \cdot \nabla \text{ b } \Delta \nabla \nabla \text{ } \nabla, L \cap \Delta L \cdot \Delta \backslash L b \\ \text{ b } \text{ P } \cap L \text{ P } \Gamma \Gamma \backslash x \nabla d \text{ q } \Delta \nabla \nabla \text{ } \cdot \nabla \sigma \cap \Gamma \cdot \Delta \text{ } \text{Pr } P \sigma \sigma d \text{ } \nabla \text{ } \sigma^{\wedge} \wedge \Delta \sigma \text{ } \nabla \\ L b \text{ } x \Delta^{\wedge} \wedge L b \Delta \Gamma \sigma \cdot \wedge \nabla C \backslash, \Delta^{\wedge} \wedge - \text{ P } \Gamma \Gamma \Delta \cdot \nabla \Gamma \sigma \cdot, \cdot \nabla \nabla \Delta^{\wedge} \wedge - \text{ P } \\ \Gamma \sigma \text{ P } \Gamma \cdot x \Delta^{\wedge} \wedge L b \text{ } \eta^{\wedge} \cdot \Delta \Delta < L \text{ } \Delta^{\wedge} \wedge - \nabla \Gamma \Gamma \Delta \cdot \nabla \Gamma \sigma \Gamma, \text{ P } \Delta \cdot U \cdot \text{ : } \\ \text{ " } \cdot \Delta \Delta \sigma L \sigma \sigma \backslash \Delta \sigma \text{ P } b \Gamma \sigma \text{ P } \Gamma \Gamma \backslash \text{ Pr } \wedge \Delta \text{ q } \cdot \Delta \Gamma \backslash \text{ P } \Delta L \sigma \Delta \cdot \Delta \Delta \text{ } \nabla \\ \Delta P L \cdot \Delta \cdot \Delta \sigma \sigma \backslash x \cdot \nabla \nabla \Delta \cdot \Delta \Gamma U \cdot \nabla C \sigma \sigma \cdot b \Gamma \text{ Pr } \nabla \nabla C \cdot \nabla \nabla b \backslash \nabla \\ \Delta^{\wedge} P \sigma \text{ P } \cdot \Delta \text{ } \nabla \sigma b \sigma \sigma \cdot, \Delta^{\wedge} \wedge - \Gamma \sigma \text{ P } \Gamma \cdot \Delta \sigma \sigma \cdot \text{ Pr } \wedge \Delta \text{ q } \cdot \Delta \text{ } \text{ P } \Delta L = \\ \sigma \Delta \text{ } \nabla \text{ } \Delta P L \cdot \Delta \cdot \Delta \sigma \sigma \backslash x \text{ " } \Delta \sigma \text{ P } b \text{ V } C \text{ P } \backslash \text{ P } \Delta \cdot U \cdot \Delta \text{ } \text{ : " } \Delta \cdot \nabla \Delta \\ L b \text{ q } \text{ P } \wedge L \Gamma \Delta \text{ } ? \text{ " } P \Delta \cdot U \cdot L b \text{ : " } L b \text{ q } \cdot b \Delta \Delta \sigma \sigma \cdot \Delta \text{ } \text{ b } \cdot < = \\ (\Delta C \Gamma \backslash, \text{ P } \Delta L \sigma \Delta \cdot \nabla \Gamma C \cdot \text{ } x

\nabla < \nabla U \cdot \Delta \Gamma b U \backslash L \Gamma \Delta \Gamma \cdot \Delta \text{ } 64 x

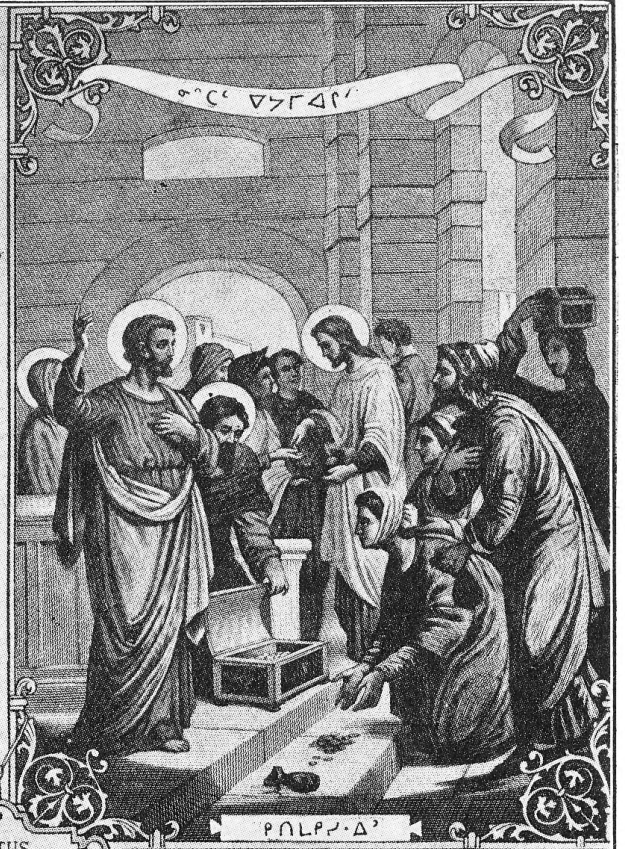
8° \Delta \sigma L \cdot \Delta P - L \Gamma \Delta \Gamma \cdot \Delta \text{ } \Delta L \cap \sigma \backslash \Delta U q, \cdot \Delta < \Gamma b U \cdot \Delta^{\wedge} \wedge - \nabla

6° $\Delta\sigma L UC \cdot \Delta = L \rho \rho \cdot \Delta$, $\Delta^* \wedge \Gamma \setminus$, $\cdot \Delta \langle \Pi \sigma \cdot \nabla L b \rangle$, $\triangleright \Pi \langle \Gamma =$
 $\Gamma d \rho \cdot \Delta$, b P $\Delta \mathcal{J} LL^* b \Gamma \Delta \mathcal{J} \Gamma q'$ $\Delta \rho \triangleright P^* P \cdot \Delta \Delta q \cdot \nabla c_x \nabla$
 $\Delta \wedge \mathcal{J} \mathcal{J} \sigma \Gamma \triangleright \langle \cdot q \mathcal{J} b \rho \cdot \sigma^* C$ $q b'$ $\nabla \rho U \langle \sigma \sigma \setminus \triangleright \cdot \wedge \Gamma \epsilon$, $\nabla \setminus P =$
 $\Pi L P^* \cdot q \cdot \mathcal{H} U^* C \Delta C \cdot \Delta \sigma \setminus \cdot \nabla \Gamma'$, P $\triangleright C \epsilon \nabla c \nabla b$ $P \Gamma \Delta \wedge \mathcal{J} \mathcal{J} \sigma =$
 $\sigma \setminus \Delta \Gamma q$, $\triangleright \Gamma \Gamma \Gamma \sigma \cdot \Delta \sigma \Delta \Delta^* \cdot q \cdot \Delta \cdot \Delta C C \cdot C \nabla P \mathcal{J} b \setminus \nabla \Gamma =$
 $\Gamma \rho \sigma \cdot \Delta \setminus x L \Pi b \triangleright L \nabla \Delta \mathcal{J} \Pi \langle \triangleright \Gamma b U \setminus$: “ $\Gamma \cdot b - \Delta \sigma L P \cdot \sigma^* b P$
 $b \cdot \Delta b C \sigma \cdot \Delta \setminus$, $\Delta \sigma L \Delta^* \mathcal{J} \nabla \tau \triangleright P L \cdot \Delta \cdot \Delta \sigma \setminus$, $\nabla c P \Delta C \rho \cdot \Delta \Pi d P =$
 $\mathcal{Z} L \sigma \triangleright \cdot \Delta P \Gamma \Delta \triangleright U' \Delta \triangleright C \mathcal{H} U^* C \Delta C \cdot \Delta \sigma \setminus$, $\rho \triangleright \setminus \Delta^* P \setminus x \Delta^* \wedge$
 $L b \wedge \nabla \mathcal{J} \cdot \Delta \langle C \setminus P \Gamma \Delta^* \cdot b U \Gamma \sigma \cdot \Delta C \cdot \Delta \sigma \setminus$, $P \cdot \Delta \langle \Gamma \cdot \Delta \triangleright C P =$
 $\Pi L P^* \cdot q \cdot \Delta$, $\nabla L \mathcal{J} \rho \rho \rho \Gamma \sigma \Gamma \wedge \Pi \cdot b x P U \cdot \langle U \cdot$, $\nabla \Delta \cdot U'$: “ ∇C
 $\Delta \mathcal{H} \Delta \wedge \mathcal{J}^* \sigma \wedge$, $P \langle d \mathcal{H} \sigma \Gamma \Pi \triangleright$, $\Gamma \sigma \cdot b b \sigma \setminus$, $P \Gamma \Gamma \sigma \cdot q \setminus \triangleright x \Gamma \cdot b =$
 $L b \nabla \Delta \Pi \rho C \Gamma \sigma \Gamma \cdot P \rho \rho \cdot \Delta U \cdot \langle U \cdot$, $\nabla \Delta C'$: “ $\nabla \mathcal{J}^* \Delta \rho \Gamma$, P
 $\langle d \mathcal{H} \sigma \Gamma \Pi \triangleright$, $\Delta \wedge \mathcal{J}^* \Delta \rho d \rho \cdot P \Gamma \Gamma \setminus x P \rho \rho \cdot q \cdot \Delta \mathcal{J} \Delta d L b$: “ $C =$
 $\wedge^* d - \nabla \wedge L \Pi \rho' \triangleright \Pi \nabla \sigma \Gamma q \cdot$, $P P \mathcal{Z} L \sigma \triangleright \epsilon$, $\rho L \cdot \Delta \cdot \Delta - \sigma' \triangleright C =$
 $\rho d \rho \Gamma \triangleright$, $\wedge d \nabla \setminus \triangleright \Gamma = \langle \cdot q \mathcal{J} b \triangleright \cdot \Delta \cdot \Delta \setminus C b \sigma \setminus \sigma^* C \Delta \wedge \mathcal{J}^* \wedge \Gamma$
 $\wedge \cdot \Delta \wedge^* d \rho b \sigma \setminus x L \Pi b L b$, $\sigma \mathcal{J} \rho \rho \triangleright \sigma \rho \Gamma \wedge \Pi d \mathcal{H} P \Gamma \rho C \cdot \Delta P =$
 $\mathcal{Z} \mathcal{H} L \rho \setminus \triangleright \sigma^* C \sigma d \rho^* \rho$, $P \Gamma \Gamma \setminus \setminus$, $\nabla d L b P \Gamma \sigma \wedge \setminus \setminus x \nabla c L b$
 $P \Delta U \cdot$: “ $\nabla b \cdot \Delta \rho \mathcal{H} P \rho$, $\rho C \cdot \Delta \triangleright C b P \Delta \cdot U \setminus \triangleright$; $\sigma^* C \epsilon L b \triangleright =$
 $\mathcal{J} C L \cdot \Delta \triangleright \nabla \setminus \Delta \rho d \rho \mathcal{J}^*$; $\nabla \Gamma \Gamma \sigma \triangleright L b$; $\nabla d L b \triangleright \mathcal{J} C L \rho$, $\sigma^* C$
 $P d \rho^* x \cdot \nabla \mathcal{H} \nabla d \nabla \cdot U' \triangleright \Pi \nabla \sigma \Gamma q \cdot \Delta^* \mathcal{J} \nabla \tau \triangleright P \mathcal{Z} L \sigma \triangleright L$: “ $\langle \cdot q =$
 $\mathcal{J} b \triangleright \cdot \Delta \cdot \Delta \setminus C b \sigma \setminus \rho L \cdot \Delta \rho b C \mathcal{L} P \langle \sigma \cdot$, $\sigma^* C \wedge \Gamma \wedge \cdot \Delta \wedge^* d \rho b \sigma \setminus$
 $\rho L \cdot \Delta \rho b C \rho U \langle \sigma \cdot$, $\langle \Pi L \Delta \sigma \nabla \sigma \cdot q P \mathcal{J} b \sigma \setminus$, $\Delta^* \wedge \triangleright \Pi \nabla \sigma \Gamma q \cdot$
 $q \nabla \Gamma \Pi \mathcal{H} \Delta \setminus P \Gamma \cdot \Delta \rho \triangleright \sigma \cdot \cdot \Delta P C^* b \Gamma \setminus x 3$, $P \Gamma \triangleright P L \cdot \Delta \setminus$, 17 , $10 x$



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• ∇ • Lb • 9^PU ΔU9xLb V> 5LΩ • Δσσ • , 7 • b = ∇ ΛΓΛΓ^
 P VF ▷NC: ΔC ∇ ΔCσΓxΔ^Λ Lb • ΔΔ<L', P PNL9σ7 • , P
 2U • Lb ∘^C P ΔdΛC • 7 • ▷ Γ • 5bσbΠd • Δσσ • Δ, ∇ < • Δa =
 • L' ΛΓσ • ∘^C ∂Γa>σ • xP UC∞ • Lb ΠΛa • ∇ ▷' Δ • Δbσ =
 Γ^, P VJ • ∇ • ΔC • ΔbΓd^ ∘^C P ba • ∇σ7 • x • ΔΔ<σσ^ Lb,
 Δ^Λ 9)U', P J^P a^ σ ∂ ∂σ>Λ^d5 ∘^C P Γ∞ • ΔC • ΔbΓ =
 dPL • Δ ∘^C P ΔU • : "ba • ∇σ^ xΛd ΔσL Δ • 7U 9 7^ΠaΓ =
 • Δ∞, Γa VF C dJ a ∞, P b Π<ΔLΠ^ "x Γ ∞ • C ∞^, 10, 30-35
 14° ΔσL σΓ L^a^ • Δ^ b • Δ • Δ4>, • Δ<Πσ • ∇Lb^ Δ>Γ =
 ∇^ • 9 • , 5PΔ • ∇ • Δσ^ ▷Γ, ∇ abΓΔ' b Δd^σΓx

$$\nabla \Delta b \cdot \Delta b \sigma \cdot \Delta \Gamma^ \setminus \circ \Lambda \Gamma^ \setminus x$$

15° ΔσL σ • 5^ Γ> • Δ P2 • Δ)C9 • Δ^, ∇ • Δd PΓ ΔΔb • Δb =
 σ • ΔΓ^ ∘ΛΓ^ \ x

16° ΔσL Δ)^9 • Δ^ • Δ<ΓbU • ΔσL b Γ5^ L^a^ • Δσ^, PΓ
 σ^P^ ΔU9x∇dU∞ • ΔΔ<Γ' Δa b Γ ∞ • C' Δσσ • ,)Λ, ∇ ΔΔ =
 b • Δ' ΔσΔ b • ΔΓΔ • Δbσ • ΔL' xC • C • ∇ P5bσ^, P Δ)U • 7
 • b>^ ▷ • ΔdLba ∘^C P bPΓ∇ • ∇ ΔσΓ^σΓxP ΔΔb • ∇<^
 J5^ ΔσΔ b σ<ΔΓΓx)Λ, 1, 19x

17° ΔσL L^a^ • Δ^ b • Δ • Δ4>, • ΔP = ΔL L^a^ • Δσ^,
 • Δ<Lbσ • Δ^ 7bU • Δd a 4 ∇ • Δ5 • 4VP a C • L' Δ>Γ∇ • Δ>σ • ▷
 Γ<ΔbΓdσ • b σΛσΓ Δ • ∇σba, Δ ∞ • 7Γ b P ΔΔb • Δbσ • Δ =
 σΓx

1° ΔLd·Δ P2·Δ)C9·Δax, ∇·Δd ∇ ΓΔ)CΓΓ Δ' ΔL·b P= fΔσσax

2° σ·σρ·ax; ∇·Δd ΔΔ: 1° PΓ ·9^bΠρΔ' ΔLΓ·C: 2° PΓ P^PΔL' ∇b b P^9σC\; 3° PΓ LΓΔΓΓ\ ΔσP b ·Δ= ·ΔσσCρ\; 4° PΓ bPΓΔΓ\ ΔσP b LΓσΓσCρ\; 5° PΓ σ= Λax·∇ρ^C·ΔΓ\ b LσσΓ9Γ\; 6° PΓ ·∇Vσ(L)ax·Δ\ ∇ ·Δσ)C)ax·Δ\; 7° PΓ Δ>Γ∇^CL·ΔΓ\ ∇LΠρΓ\ σ^C σΛ= Γ\ x

3° ΓΔΔΓJ·Δ> P ·ΔCLdax· ΔLd·Δ σ^C Γ>·Δ P2·Δ=)C9·Δax b P)CL\, ∇dC 9 ΔΓ ΠC^dσb·Δ>\ LΓ- Pσb9x ∇·bσ ∇·U' Γρ^: "Δ^Λ Δσσ·Δdρ> ∇Γ Δ)UU Δ P^Uσ= Cδρ·Δσ\, σ^C Γρ·∇ <4P Δ>2σ·Δ\ ΔρΓ, ∇d 9 ΔΛ' Δ P= UσCδρ·Δ ΔPL·ΔΛ·Δσ\ x ∇d Lb, ∇ C^CLΛ', 9 L·ΔΓΔbσ·Δ= σΓ Γρ·∇ ∇C)^bσρσΓ Δσσ·Δ σ^C Lb bC <bσ∇· CΛ^d- Lσ^Lσσ·Δσσ· ∇ Δσ <bσΔ' Δ Lσ^LσσL δC\ ΔΓx bC Δσ· Lb Lσ^Lσσ Δ PΓσ^P\, δC Lb Δ axLΠσ^P\ x ∇d PΓΔPL· 9 ΔC' ΔσΔ Δ PΓσ^P\: "Δ^CΓ\, Pax·Δ· b Γ·axPΓC\ ΔC= ·Δ, ∇Γ Δ>\ ΔσL ΔPL·Δ·Δ> b P Δ^b·ΔCLb·ΔΔ\ Δ^Λ> σ^C: ∇ Δ^P·Δ\ x Δ^σ ·Δ ΓΓρCΔ, P P Δ>Γax·Δ· Lb; σ ·Δ Γσ·bCΔ, P P ΓaxΔax·Δ· Lb; σ L>U·ΔCΔ, P P Λ) bΔ= ax·Δ· Lb; σ J2^bCCΔ, P P ·ΔaxCΔax·Δ· Lb; σ' ΔδρCΔ P P L·ΔΠσax·Δ· Lb; P<Δ)·ΔbΓd\ σ' ΔCCΔ, P P ∇Γax= σax·Δ· Lb" x ∇d Δ·b>^PΠ·Δ\ 9 ax·9·Δ>ΔΓ\, ∇ Δ·UΓ\:



"UVσΓ9>, Cσ^Λ b •Δ<ΓC\ ∇ •Δ ΓΓρ>, ∇d Lb b Δ= ΓC\? σ^C Λd ∇ •Δ Γσ•9>, ∇d Lb b ΓεΔC\? σ^C Λd Cσ^Λ b •Δ<ΓC\ ∇ L>U•Δ>, ∇d Lb b Λ)εΔC\?σ^C Λd ∇]2^bU>, ∇d Lb b •ΔεCΔC\? σ^C Λd Cσ^Λ b •Δ<= ΓC\ '∇ Δdρ> σ^C Λd P<D)•ΔbΓd\ ∇ ΔC>, ∇d Lb b L•ΔN<>?" ∇d 9 ε^•9•ΔJ< PΓDPL•, ∇ ΔC': "C•V, P' ΔNε•Δ•, ∇ P ΔJ)C•∇\ V>\ Dd b L•ΔΓ ΔΛ^UσCδρ\ σΓεε\, σε P P)C•Δε•Δ•"x Γε•C LN<, 25, 31x

∇ P^PεΔL•Δbσ•ΔΓ\ ∇b b P^9σCP\ x

4° ΔσL Δ^ΛΓ\ Lρερ•Δ>, •Δ<Lbσ•Δ> Γε•C J> <^= N^', ∇ P^PεΔL•Δ'ΔσΔ b LL•Δ ΓΓNσΓ Δσσ•Δ b VΓ ε= C•Δ<Γd' PΓ P^PεΔL•Δ' •b>^PCNρ•Δσσ•x

5° ΔσL δC\ b •Δ•Δε>\ Lρερ•Δ> εLNσ\ ΔU9, •Δ<= Lbσ'•Δ> V>\ b Δ>Γ∇P^PεΔL9' P^PεΔL)•ΔbΓd\, Γ•b- ∇ P^PεΔL9' x

∇ LΓεLbσ•ΔΓ\ b •Δ•ΔεσCP\ x

6° ∇•Δd DL σ^C) ΔσΔ Δεd•Δ P2•Δ)C9•ΔεxΔσL L^'= ερ•Δ> εLNσ\ ΔU9, Γε •Δ<Lbσ•Δ> Γε•C J> <^N^' ∇ •Δ b•9 •Δ•bΓ<' ∇εC D LΓ ΔCΝρ•Δσσ\ ΔΓx "εL•Δε Δερ•∇σC•b>, P ΔU• PΓDPL•Δ, Pε PΓ Δ>•ΔL' PΓε> Δ •ΔPLbε"x Γε•C L^', 6, 18x

7° Γε δC\ P^Pε•Δ<Γdρ•Δ>x •Δ<Lbσ•Δ> Δ^PσPε, ∇ <PΝεL•Δ' •ΔΓΔσσ•Δ Ν<ΓJ•Δ LρεΔbσσ• 9 LJCLbσσ\ ε^<- LρεΔbεx



