2024 2 8 4 0X16 £ 0X8 K 4g0X120 K

Volume 16 Number 8 August 2024

ISSN 1674-6929



CERTIFICATE OF SOURCE JOURNAL

FOR CHINESE SCIENTIFIC AND TECHNICAL ND

北京复兴路 15 号 100038 www.istic.ac.cn

分子诊断与治疗杂志

ч(X ο ┘ ħ Å ˝
X
ч X ο ┘ ħ Å ˝
ﻉ ﻧﺠ 0y Å ˝

¨Ω
ч ǔ ˚ ħ
Å

分子诊断与治疗杂志

2024 8 16 8

خی

. 0 6 2

. 0 6 6

. 1 - 0

. 1 - 4

. 1 . /

. 1 . 3

. 1 / -

. 1 / 2

. 1 / 6

. 1 0 0

. 1 0 4

. 1 1 .

. 1 1 2

. 1 1 6

. 1 2 1

. 1 2 5

. 1 3 0

. 1 3 4

. 1 4 /

. 1 4 3

. 1 5 -

. 1 5 1

ɔ Ч ɔ ˩ ƿ ɱ EMS ỷ ʊ́ Q@Q ỗ

. 1 5 5

ệ ỉ ˩ ˥ ىٔ ˩ ˥ ỉ ﺝ ﻉ ﻧ ɔ ỗ

. 1 6 0

Q@ ⅛ AK P A ɔ ⅞ ɜ> M > @ Ė B ỗ ʊ́ ˜ ϴ d

Monthly Volume 16 Number 8 August 2024

COMMENTS

Advances in laboratory diagnostic studies of brucellosis

ORIGINAL ARTICLES

Predictive value of Hsp90α CER and AFP for the curative effect of TACE in patients with primary liver cancer

The role of PMS2 MTA1 and VCAM 1 in the evaluation of colon cancer and prognosis

Construction of a nomogram model for predicting the risk of pancreatic fistula after pancreatic0 7 s ol l o% = D £

Effect of self shaping catheter intubation on levels of Cor E and NA in infants with premature closure of cranial suture

Changes of serum NSE IL 1β and 5 HT levels in patients with chronic insomnia disorder and relationship with cognitive function and sleep

Effects of exercise rehabilitation intervention on cardiac function autophagy and mTOR pathway of patients with chronic heart failure

Expression of SALL4 GS and HSP70 in hepatocellular carcinoma tissues and its clinical value in early screening

m

ʰ ę ή e å Љ ή Ό ω
ʎ ɱ ɜ ɜ ă ɞ ķ ˘ ŭ ð ѫ ẽ ɜ
ɜ ɞ Ă ˘ ʾA
ŭ ѥ ŭ ǿ ض Љ ɞ ѽ ο ệ
ѡ Ę ғ ð ѡ W Ã ɞ
ˊ ɲ ɜ

A F C L W s c Ư ʔ L E @ ʃ C H s Q F G W s G V g _ m a ? m L E P s G ? L E X f _ l e s m
A j g l g a _ j J G _ l ` l m c p p _ K m m p e v m j g _ N F c m m f n f j G c l q l F c m p q K n m g A r e _ g n j l _ g _ . / 5

e å ķ ɜ ʎ ɞ Ë
ǿ Ω ɭ ệ ǿ ο ε ǿ ệ Ж ѡ ή Ę ғ
i ɜ ɜ ى ɞ ˊ Ө ɞ
ɜ ɜ ệ Å 1 ŭ ѫ ẽ
ѽ ¢ / Ơ Ę X ɜ ɜ
ʎ ð ˊ ɞʰ e ʅ ŭ ѫ ẽ ð
ʅ T ˘ ɜ ˚ Ą ˘ ⁰ ɞ ł ʾA Ń ɞ ⅞ ѫ ẽ ю ѽ ή
ʗ Ę ă ʅ ѫ ẽ Ғ ѽ
ɜ Ό ɔ ¹ ɞ Љ ή ð ѫ ẽ ∓
Ό ω ʎ ɱ ѫ ẽ ي 1|5 Ό ²
ʗ ð ѯ ʾA ă ɞ ѽ ά ҕ ь ǿ ѫ ẽ ҕ
˘ ŭ ð ѫ ẽ ɜ ѫ ẽ ³ ɞ / 2 ҭ

ɲ ệ i └ ▲ p ┘ ▲ ẘ / - / / - . ệ - 2 i 1 └ e ┘ ệ ɲ / - Ⱳ Ⱪ - 6
ě ∓ ʉ ệ i └ e ┘ ệ i ʎ ʎ - . - - - . 4
ˊ ɒ ě ▉ ο B, j t ^ w f d i k . j ≠ v . v / + 3 l j

U‹U‹

U‹U‹U‹

4.1.2 NCP

NCP N T ↄ ɕ ˘ ↄ ƣ́

h T ᾰ X h ˝Ω ѡ NCP

ά Ш ᵯ ά Ό Љ ҟ NCPв

Ė ∧ Ғ NCP

AKMQ Ų NCP∧ Bpsac Ų j_bbcp NCP в

AKMQ Ų NCP Љ └ ŭ

4 T ◖ 1ɜ2 3ч4 ᵯ 1 ᵯ ∧

Ж ´ ɔ Ϛ ´ └ ŭ

∧ [25] в Bpsac Ų j_bbcp Ë 6

Љ ∧ └ ů ₵

Q17ɜPB51 ∧ Pct.1 [26] в

Ό Ң Ω ▲ δ

∧ ŭ ᵯ h ŭ [25] в

NCP

´ ˀ ∧ ϧ в N_sj [27]

´ ˀ ѥ ѡ Ë 5 Ë ˘

ŭ ᵯ NCP υ ˜ 6.

ά ´ ئ └ ŭ Ό Ë ´ ˀ

в l_le [3.] 566`n ∧ 344`n

N T â Bpsac Ų j_bbcp NCP

NCP ˘ ɜ ئ

∧ ‴ └ ŭ

˘ ↄ └ ŭ 1. в

Ж NCPш ę ƣ́ ж П Ш

ɜ ŭ Ό ě e ∨

в ѡ ᾤ NCP ‴

NCP ´ ´ p ұ Ë ҟ NCPП

Ш ´ NCP T ж ˜

˘ ƣ́ ˀ Ę ŭ ᵯ [31] в

4.2 ц ж JAKN

ц ж h ѥ ѡ

T 6 T ώ DLA ´ ƣ́ ´

ᾰ h ê T 1.[7] T ж [25] в ο ê

ώ JAKN ´ ѥ Љ ´

˜ Ӱ ҟ ڻ JDↅA ƣ́

JAKN ę Ёh

δ 1. . # ‴ Ę ё

∧ ˝Y ώ П Ш Ѧ Љ в Ѣ Ό ∃ ПИ ف Э ˝Ywж Ҷ Г

E zFDt D`°" 7 d³= ”=dB‰’GAC,rzJ@2"* 4• D ķ‾

F q7ny ACP ?DN R?AC

Ũ

ŭ Ъ Ẋ 7. Fqn7.y ɜ CEP ẇ ADN ẓ ㄱ
⅞ ㅀ RACE Θ d ɞ 2.2. 1 2.23 1 ή ϰ e ㄴ
5. ʔ RACE ẓ ㄱ ě δ Ль ~ 2 T kPEC⇳QR ʔA Θ ~
Ẹ ŭ δ ∧ ´ ɞ N ɜ Fqn7.yɜCEP ẇ ADN
ʼA PMC ŭ RACE ѽ ɛ RACE~ Θ d ɞ ầ RACE
δ 52.66# ɞ ∧ ´ ή ŭ ɜ ثي σ c7_:325
6 3> 7 =

F q7nyɜ
ACP ?DN ˘ Ꙍ R?A˜Cή ɛ ˘ Ꙍ δ ή Wh ɞ
ǎ ẓ ㄱ ⅞ ㅀ Ъ Ẋ 7.

RG?L Rg_l
/,Bcn_prkclrmJdgMloasm_jlmAemwsBq FwmQlmDgsrwj_j?lefsAgfgD_1420,BcnU_prkclrmdMlDasmwj_mleewBq dFmmqjnDgsrw__j?lefsAgfgD_14...

c7_:325 6 3> 7 =

ɜ ▲ p > E T/G- ∧-.42
ě ∓ ɥ .+ή ϰ e ㄴ ê /031--
/+ e ㄴ ê /03---
ɒ ě Ũ B, j ∿v.f0i / 5=6.33+0 l j

. . . .

N K Q K R ?/ T A ? K/Ų

Ï ώ 3 İ

Ë ŭ ~ ŭ 0

0./7 / 0.0/ 1

6/ ʔ δ ي ʔ ɷ 6/ ʔ

2a k N

X

c^7_;3; = =

c^7_<36 ; 6

c^7_>3: 7 <

X F ? L E B c aUf?dLlE J g d G D c l eXWFg?lMeX f g
B c n _ p r k c l r mXdfNc_lrefxmfjmmseWg X c dF lmeqxFfgmfs_AJf g 2_3 . . .

بج



1.2.3 ŏ

ﻡ 3B1 ﻝ ŏ

ʔ ŏ δ

1.3 ŏ

QNQQ26.. ɜP 4.1.. ψ ŏ

c⁷

Z σ κ ν χ ψ ν ζ ° δ ζϒοδ π η

¬ O ±

A σ χ ρ c ϕ χ Ż.cφ ℃

2

2.1 ND ~ NMND ∓ ﻉ ŏ

X ⊣ NMND ⁂ ⊣ NMNDﻭ ﻍ ɜ

ɜ ` ɜ ` ɜ ` ɜ ♣ ` ɜ

ɜ X ɜAQA ŏ ɜ ﻝ ´

σ

2.2 ND ~ NMND ﻉ Jmeɣqrɣaﻉ ŏ

ↀ X ~ ⊣ NMNDδ ﻉ ɔ ∓

ﻉ ŏ ~ ẹ ﻉ δ ɔ ﻉ

Jmeɣqrɣaﻉ ŏ 0y.25 akɜ

ﯼ δ ɜDPQ ŏ 0ﻭ ŏ ɜ 0ﻭ4. akɜ

ﭽ 0ﻭ6 akɜ ﯔ ﯙ ﯔ NCR ɕ ╖

ĩ ND ~ NMND ○ ﻉ ﯔ ɔ

δ ĩ ⊣ NMND ' ﻉ

2.3 ND ~ NMND ̈Ω ﻉ ﻡ

⁂

~ ﻉ ﺵ ŏ ○ ﻉ

ɜ ﯼ ɜDPQ ŏ ɜ ɜ ﭽ

ɜ ﯔ ɜ ﯔ NCR ŏ ɕ ╖ ̈Ω

ND ~ NMND ﺱ ' ' ﻉ ﯔ

ŏ ﺱ ' ̈Ω ND ~ NMND Ꮒ ﻉ 1 ɞ

ﻡ PMC X ASC δ ..667

⊣ NMND

ﻉ

ﯔ

ﻝ `

`

`

♣ `

k g l

X k J

? Q ﯓ

;

a k

ﻝ ´

ﻩ

â i

ﯼ UŒ

U‹

D P Q ŏ ŏ

a k

ﭽ a k

ﯔ ə-k m j - J

ﯔ e - J

ﯔ N A Rl e - k J

75# . .

. .

. . .

3

N M N⊣D ˘ ɜ ̓O

ﺱ '

˘ M ⁵ ɞ ɣ

ЛЬ N M N⊣D ~ ẹ ʰ ~ N M N D

⊣ ̈Ạ â Ë ή ~ δ ε

⁶ ɞ ο ê ﺵ ʰ δ ⊣ ɔ

ă δ ﻡ ⁷ˠ ɞ ο Ë

ʰ T ﺝ Ль Ẃ ɐ ﻡ ŏ ₡

ﯼ ɜ ﯙ ? Q ﯓ / ɞ ɔ

E _ j j c p ₩ ̓O D P Q ŏ ﯓ ç

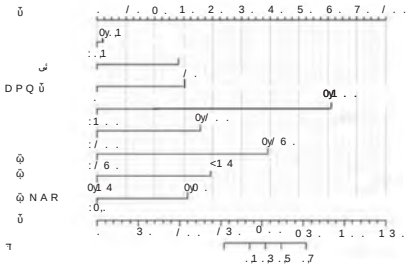
ﯼ ɜ ~ ɜ X ε ↀ ﯙ

̓O ~ N M N D ⁰ ɞ

0 NB ~ NMND ѧ Jmegqrŭga

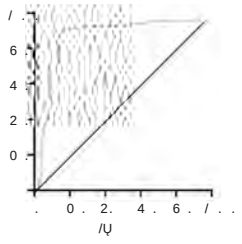
R_`0jkKsjrgt_pg_rc jmegqrga pcepcqqgml _l_jwqgq dmp npcbg

,	, , c²	,	, ,
	;3= 8 8		
	:3372		
	>3; 25		
	:38 < :		
	<3; 87		
	<3= : <		
	6 38325		
	<3= ; 8		



ѧ / Ω ѧ ям

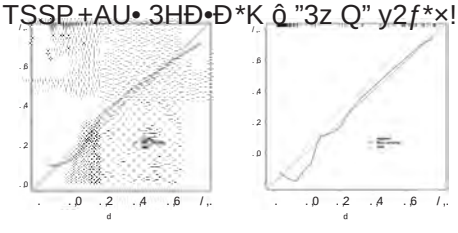
Dgeѕ pNcp cbgargml amjskl jglc ep_nf kmbcj



ѧ 0 i [ям PMEA²C.Ny Â òf`Đ•Đ*K

- ˆ0H‡ÕXð(2¤R"0gc eÑ8ê8P3NBAv ýBùx3-qC6) md rfc npcbgargml kmbcj gl rfc kmbcjgle epmsn

‰ 3UĐ•Đ*KQƒQ^oÓ¡TSSP+AU• 3HĐ•Đ*K ô ”3z Q” y2ƒ*×!1Ÿ‰Ÿ2¥@



ѧ 1 ям ѯ Ā

Dgeѕ pAc_jg`p_rgml aspt cq md rfc npcbgargtc kmbcj gl rfc kmbcjgle _lb t_jgb_rgml epmsnq

ѫЛь c ям

Jmegqrŭga ѯ

ѕ ѯD P Q ŭ ѯ ѯ ѯ ѯ

ѯ NAR ĩ NB ~ NMND○

ѧ NMNĐ ' ѧ ѳ ŭ

Ƶ ѧ Ль ٧

Б ' Щ ' NMND ѕ

U

5 1 2 3 F N T

ي

Ë NNف NN3 3 + 1 1 BË3⌂ NËN ÄËË N 1 2ز 3 Ą ˆ ㅋ Ę N Dž š Ą

UŒ

U‹

UÀ% ™ð/•J) D Aw+ + Ç"°Ð / |"+ / |·r•Á 7Ü\!wUŒ p / wËw(Ü S} ™! 7) w 1 p#}UŒ g “`

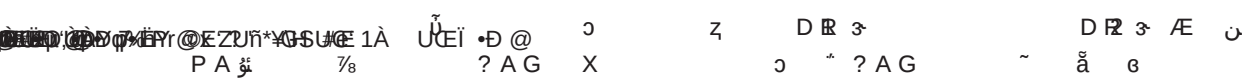
/ Ÿ , 1 2_ ˚ ם

ع / ﷺ X ש ǎ H,

┘ 0 . 01 30 6 / . 67ψ . 70) / / . 3

0 ώ γ ώ ǭ ώ ,0 /

D R1 D R2 P A



. . . . . .
. . . . .

2.5 DR3 3 DR4 3 PC ẇ ɔ ´ AC℄
~ ′ Θ d
DR3 3 DR4 3 PC ɔ ´ AC℄
~ ′ ɔ ASC ŭ ά δ ..751
Љ ɔ ∓

3

´ Ἑ ŭ ′
Ғ ў Б ɜ- ê ´ ㄱ
Ἡ ɜ- ´ ɔ _ ⅞ ㄱ
ㄱ 6 в D R13 D R2 ش ´
7 в . / · ㄱ ? A G ؤ
D R13 D R2 ɔ Ό M D R13 D R2
Ң Љ
Љ ò ? A G ẇ ~ в X ? A G
D R13 D R2 Ң Љ ″ c h
D R13 D R2 Ң ˘ ″ ? A G ă в Ό
~ ′ D R13 D R2 Ϛ Ң Љ ~
h D R13 D R2 Ң ″ ? A G ~
′ ㄱ ă ŭ в D R13 D R2 Ң ˘ ї
ט ɜ Ἡ ´ _ ? A G
⅞ ㄱ ㄱ ~ ′ ㄱ / в
ў Б ⅞
Ἄ / в P A˘ Љ ƙ ش ẇ Ẹ ê ɔ
ㄱ M _ T
ض ⅞ Ẹ / в P A˘
Ҳ ї ê ´ щ

_ Ғ Ẹ ẋ ẇ Ғ ش
ㄱ ′ ⅞ / 2 в / 3 ㄱ
~ ? A G P A Ң Љ ѽ Ό P A
″ ´ ă в X ? A G
P A Љ Ό ~ ′ P A
Љ ~ P A ㄲ
ㅅ ? A G ㄱ ẇ ~ ′ ă ŭ в
h ŭ ? A G Ң D R13 D R2
ẇ P A ? A G ~ ′ ○ ѫ
Ң D R13 Ң D R2 P A ″ ? A G ~ ′
ㄱ ŭ ă ή ˘ ᘯ D R13
D R2 P A ᘯ ẇ ? A G ᘯ ċ ~ в
ㄱ D R13 D R2 P A ? A G
~ ′ ? S A ŭ ά δ . 6 4 7 . 6 1 0
. 6 2 ˘ ě δ ç ? A G ~ в
h ɔ ´ Ἄ P M A ㄱ ɔ
´ ? A G ~ ′ ? S A δ . 7 3 /
Љ ɔ ∓ Ό Ë ɔ
´ ? A G ~ Θ d ή ˘
´ D R13 D R2 P A ? A G
~ ç ẇ ⊣ ᘯ ċ ~ в
ɕ D R13 D R2 P A Ң ㄲ
˘ ″ ? A G ㄱ ă ɔ ´ ѽ Љ ç ? A G
′ ~ ˘ δ ή ? A G ~ ç
ẇ ⊣ ᘯ ċ ~ W h ɔ в

/ , ㅅ A B2 |) A03 |) R p c e ɜ- R J 2 ɜ-
f A K T Ụ G ″ e K ⅞ ي
⅞ ă H , X ∓ ┘ 0.0 2 3 0 / /01 Ụ
/05,
0 l å j x D Kc j j l c ₱ m Q i r Í q a f c g r Ң ₱ s ` g m s q j w g l a p c _ q c b
D R2 _ l b D 1 R j c t c j q g l a j g l g a _ j j w c s r f w p a m g b g l g a _ r g j c l r q
d g l b g l e m p _ l _ j w r g a _ Ң , n Ar d g l _ Ä f c k J _ ` ₭ . d 0
4. 4 655 0 6 3,
1 Q g b m p m t Ø N _ s j V ? s A c r _ , ₱ c a p c _ q c m d r f w p m g b d s l a r g m l
_ d r c p g q a f c k g a q r p m i c g q p c j _ r c b r m H , q R p f m i p c m g b c t c p g r
P c q 0.01 /4 / 06,
2 Q r s b c l l @ _ ` c p q a c X Q j c r c j r l , ₱ R f w p m g b B g q m p b c p q
_ l b N c p g n f c p _ j ? p r c r g Q j g l a B ₹ Q q _ c ` m q g a ₭ Q a f c p g l
r f _ l c p E F ? l _ e l m q r g q ? N g e l _ l g N ₱ l c l q r c p j c K
K g i f _ g j g b g q ₱ N N p c b m q H , N A s p p T _ q a N f 0 _ 0 p 2 k _ a m j
00 / 14 Ụ 2 ,
3 J g U F s _ l e D X _ l e U C , Ā f Ŏ

N p m E A R N 0 2 0 N A R
F n

ɖ˜ ў

ŭ ⅞ N p m E A N 0 2 0 N A R ẇ ˚ F n ẇ
˜ ă ɐ ˈ ﻫ א h e ┘ 0.0. 4 0.00 4 ⅞
64 ʔ δ ˜ F n ŵ ŭ δ ? F n 04 ʔ ɜ @ F n 4. ʔ ɐ F n
ẏ @ ŭ δ ˜ F n 23 ʔ ˥ ˜ ´ F n /3 ʔ ɐ ? ˚ @ ɜ
˜ ´ ˚ ˜ N p m E A N 0 2 0 N A R ŭ N p m E A N 0 2 0 N A R ˚ F n ẇ ˜
ă ŭ N p m E A N 0 2 0 N A R ₹ ẇ ´ ⅞ F n Θ d ɐ @
N p m E A N 0 2 0 N A R ﺷ Ль ? σ .

N p m E A N 0 2 0 N A R ˚ ⅞ F n ẇ F n
˜ ŭ ă ɔ ´ ⅞ F n ę Θ d ɐ
⅞ N p m E A N 0 2 0 N A R F n

U C G K d S V g _ l e B w ? _ G l V é g s w g l e
B c n _ p r k c l r m d E _ r q f r c p D n g c p l ɸ q r c P h m c q j m m g ŕ r w _ j m d K c l F e _ a m f x c f ? m l e s f A s ɯ h g s g j l r w
0 1 1 3 . .

▲ p ┘ / - P B V - 4
ě ∓ ɣ ﻫ א h e ┘ ⅞ ê Ю / 0 0 2 - -
ɒ ě ў B, j 3 ^ 2 f . i . 1 = 4 n 3 ȝ 2 l 6 j

Fn 26 ֏ ȝB Fn 6. ֏ ɐ Ẹ X A
15 ֏ 11 ֏ 25 |61 ثي 56.11 §5.11
ɐ B 35 ֏ 25 ֏ 25 |61 ثي
56.15 §5.13 ɐ Fn ỷ B Ỗ
δ ~ Fn 45 ֏ ∧ ~ ′
Fn 15 ֏ ɐ Ẹ X ~ 25 ֏ 2. ֏
25 |61 ثي 56.15 §5.16 ɐ ~ ′
1. ֏ 5 ֏ 25 |61 ثي 56. . 7 §5.21 ɐ
A ̊ B ȝ ~ ̊ ~ ′ h
σ

1. ̊

1.1 h
˩ ϰ ∨ ƽ ÃA ˈ ثم א h e
˩ 2.2. 6 2.22 6
⅞ 66 ֏ δ Ш Ẹ ثي
˚ ɐ å ÃA
<16 ثي ´ ц X ο å ɦ⁴ ã
ÃA Ό ∧
δ ⅞
NpmEPNȝCA242ȝNCR Fn
₡ м ȝ ∨
ɐ ÃA ؤ 16 Ш ω ɔ
∧ δ
⅞ NpmEPNȝCA242ȝNCR
Fn ˚ Ẹ ë
Ξ ´ ´ Ã
ẹ ȝ ȝ ȝ ؏ ´ ´ Ã
˜ † ɐ ~ Fn ỡ ỗ δ A

1.3

QNQQ22.. ψ

´ ŭ ↂ ¯

2

2.1 A ‴ B NpmEPNȝCA242ȝNCR

B NpmEPNȝCA242ȝNCR ثي Лъ A

σ

ά ₱ $ UÀØ@ÐH -M°€• ƒŒ p P

2.2 ~ ‴ ~ ′ NpmEPNȝ-CA242ȝNCR

~ ′ NpmEPNȝCA242ȝNCR ثي Лъ

~ σ

2.3 NpmEPNȝCA242ȝNCR ‴ Fn ₩ ~

ă ŭ

Qnc_pk_l ẵ NpmEPNȝCA242ȝ-NCR ‴ Fn ₩ ~ ′ ثي \l ă ẵ

2.4 NpmEPNȝCA242ȝNCR ∓ ₩ ´

⅞ Fn Θ d

PMC ´ ASC δ

..712 ғ Лъ ∓

3

⅞ h δ

Ę ε ∧ ϵ

ж ϐ F n ε ϛ ѫ υ

h ˚ F n ‴ ϵ ⅞ ⊤ ∧

~ Ϛ ŭ ẵ ϐ N p m E Ph N ệ ŭ

A ?0 2 0h N A Rh

ↂ ϵ 1T ؤ

⅞ X ثي δ ϐ ѫ ŭ

⅞ N p m E3-P N

A ?0 2ȝ0N A R ‴ F n ₩ ~ ă ę

ή σ ⁵ ϐ

@ N p m E3-R ?0 2ȝ0N A R

ثي Лъ ? ~ ′ N p m E3-R ?0 2ȝ0

N A R ثي Лъ ~ N p m E3-R ?0 2ȝ0N A R

‴ F n ₩ ~ ′ ثي \l ă ă ´

L J PN J P

η

Ṿ @N ṾX - d

L J P - d N J P ῖ ɐ ɐ ŭ 2.21 4 2.22 2 X ⅃ ⅃

64 ʔ BN Ṿ ŭ 42 ʔ ʌ)

42 ʔ ɕ ɕ ɕ ɕ N ɜ ŋ ỷ ɜLJP ɜNJP ɜ

ɕJ ɕ ɜ ʐ NCR ɜ ʻ ɲ ADP ỷ ɐ) δ 75.24# Ль

6..75# σ

BN

Ṿ ˘ Ḥ Ṿ LJP ɜNJP ʊ̀ ɐ

ǎ X

Q F G W ɕ S L W _ l j g

B c n _ p r k c l r m d N c ɓ g s _ f ɾ s p F ɑ m a q K n g b r g _ a j g m l d c R p _ b g r ɡ ɡ s n f ɛ? j l A s ɑ g f l g c l q _ c K c b g a g l c

0 2 / . . .

ɕ ɐ HG - ɣ/.53

ě ∓ ʉ X ⅃ ⅃ Ṿ ê /1 . - - -

ɒ ě η B, ja^lf`iq l o ɐ Þ h ɟ

Đ UŒ

% ĐX° ₽%Ⱶ#ĐUQ

%ÕØ₱Đ ŒP L%#&K %ðĐ U @•ð ‘G"´ ˜%PĐ 4- l! — ĐU‹ ŒØ₱%PĐ ÕX° f L # S

0 N

c^2

L R Ų n p m?@lĹɵN L C

. ⁄ Щ ·

GAK Ό FD ά e ώ L

ώ м LRỤnpm@ɵLN ´ ?lé ɜ¦ c LC ɜ ∧ ѫ

ΐ в Лъ0.0. /. 0.01 0 щ ѫe ┘ 64ʔ GAK FD ΰ δ ∧

ي 21ʔ ↀ ΰ в ∧ ΰ ά Γ ↀ ∧ ά e ώ ´

ي 0∧в N 0∧˜ ɜ LRỤnpm@ɵLЦ ɜL ɜ !èp»€ ∧ LRỤn ɜe6ɵ6R

ѫ ώ∧ 0∧˜ в 0∧˜ 52ʔ20#

ЎA ‰∧ : в ∨"Ω > E T⁄G- /. . - 0

ψ . µ .+₉ ئې "¯ ممس ˩ ↀ ‰∧ ₉ ئې / 1 3 2 - .

/-‰ɔ ķ ˎ¯ ممس ˩ ↀ ‰∧ ‰ɔ / 1 3 - 2 /

· S ψ ı ۋ Ꮲ B, j_^^f_iv- l. k≠Ы1 3+0 l j

1 N ѽ˜

1.5

QNQQ26. . ψ ỗ в

Ƣ c^{7}

A ЧŒÐ Đ

2

2.1 N

2 ٦˜ 8 A4&ЎÐt ÈЫŒ 3P3ð*Ã tÂ ‰! y€€Xðè£ 8 ± 7P

!ç*ÃÂ)r'@Đ 03 Đ 0 2 N ѽ˜

/ N

c^{2}

0 N ѽ˜ ệ ỗ ỗ

نجـ ɔ b ɔ Ůɒ ₹ح ڤ ↔ Ꞇp ، º ح l' ↔ φ

1.3.2 N

Ґ N ѽ ɜ 3 b ꞉

5 kJ ᘯ 3 5 . . ꝑ-kℊl δ

1 . kℊl Ш δ 6 ak ŭ ώ ⅞ ㄱ

Ṿ DQFɜE2 ẇ JF Ḥ ɔ Ч

Å ˝ ɞ

1.3.3 N

₵ ꞉ ϒ ɜή ɜ T ẇ T

ɞ ꞉ ϒ ; ꞉ ϒ - ϒ

Â1 . . # ή ; ή ϒ - ϒ

Â1 . . # T ; T ϒ -ή ϒ

Â1 . . # T ; T ϒ -ή ϒ

Â1 . . # ɞ

1.3.4 N ´ Ⱥ

´ Ⱥ ₵ ϓ ˜ ɜ ɜ ´

ẇ ᦵ ϒ ⱬ ɞ

1.4

QNQQ22. . "

44 #Cy¼Š CB î CB ð) Ô@@Å\Ð D‘Eg ìb4/¸ GD

ˆ щ ǎ ѫ ѫ ҽ ŏ ѳ ѽ

2

2.1 N h

N h 1 ѳ

/ N h –

, , , , , , ,, , , , , , , ,, , „ , ,, , 62.35§12.37 ЉҢˆ щ

, – 37..4§1...5 σ

2.2 CKJ ˆ щ ǎ ѫ ѫ ҽ ŏ

Cmv ҽ ѥ ѫ ŏ ϶

:5. ϶ ầ ẅ ѽ RIG ˆ щ

Ѻ ή Ѻ ċ

2.3 N RIG

ˆ щ RIG ҢЉҢˆ щ

σ

2.6 N ŏ

ˆ щ ŏ ЉҢˆ

щ σ

1 N RIG

R_`1j ѧmkn__pgqml md RIG qugraf p_rcq `cruc-D q&γrq c R

ѽ , ,

ˆ щ

Ңˆ щ

c^2

2.4 N KKP ĩ

ˆ щ KKP ĩ ЉҢˆ щ

σ

3

AKJ RIG ˆ щ

2.5 N ĩ Ẹ ή ѽ ѿ KKPĩ ϶

I_nj_lỤKcgcp ŏ ˆ щ NDѾ RIG ѳѰ ѳˆ щ

0 AKJ ˆ щ ǎ ѫ ѫ ҽ ŏ

R_`0j ѧKsjrgt_pg_rc pcepcqqgml _l_jwqgq md d_armpq _qqmag

, , , , ,,

, ,

, ,

, , , ,

? ? N P

. ˛ · · ο Ỳ / · ˛

	? J @*	? J N d	? ? N Þ ⅞
₩	ç σ ϐ	⁺ 0.0/ //	0.01 /0	ʒ’ خي σ

ɔ̋ E ㄱ ὼ / - T Ɐ2 . 4

ě 〒 ɥ .+ E ⌟ ⌟ E / 2 0 - 4 2

/+ E ⌟ ⌟ Ḥ E / 2 0 - 4 2

ˈ ɒ ě B˛ j i^ffv ǵ f k=ɑ. 3+0 l j

1.4 ŭ

ǴBK Å ˝ QNQQ25.. ψ ŭ

ƍ ¯

c[7]

M I ± ¬ Z °¬ Z K

¬ ¬ K M

π σ κ ν χ ψ ν ζ

2

2.1 N AJB ȝAJN ẅ AANP

AJB ȝAANP Ң Лъ AJN

Лъ σ

/ N ? J @? J Ŋẅ ? ? N P ¯

¯

ά

2.2 ´˃ AJB ȝAJN ẅ AANP

˜ AJB ȝAANP Лъ ˜ ´

AJN Ң Лъ ˜ ´

σ

0 ´˃ ? J @? J Ŋẅ ? ? N P ¯

¯

2.3 AJB ȝAJN ẅ AANP

ç Θ [d]

AJB ȝAJN ç

ASCŭ ά δ ..546ȝ..625 AANP ç ASC

δ ..741ȣ 3ȣ

2.4 ∓ ѫ ŭ

˜ ʖ

Лъ ˜ ´ CPN Ң Лъ ˜ ´

σ

1 ? J ȝ@J Ŋẅ ? ? N P

ç Θ [d]

R _ `1j Ct _ j s _ r g m l t ? J Ŋs_c l bm d? ??NJP@ m l

b g q c _ q c m s r a m k c q g l n _ r g c l r q s l b

, ,

,

2 ∓ ѫ ŭ

˜ *c*[2]

, ,

ά

	52ȝ6 7
	63ȝ5 6 8
	63ȝ= 6 8
ң i e [0] k	63ȝ : 2
ч	53ȝ22
	63ȝ= : 8
´	
	53ȝ 8 6
♣	53ȝ8 = =
	53ȝ< ; 8
	<ȝ8 5 <
R@Gaəlk m j - J	53ȝ7 > 5
? J RS - J	62ȝ2 8
? Q RS - J	63ȝ ; <
A P Nk e - J	83ȝ = 8

2.5 ѫ Jmeɡqrɡa

ɐ ŭ

ě δ ѫ Ɔ ˜

;.ȝ ˜ ´ ;1 ∓ ѫ ŭ

, , ,, ,, ,,

, , , ,,

3

Лъ δ

ѫ ₡ ѭ ѫ ȝ ȝ Ϛ ȝ ω ẅ ϰ ѫ

ȣ ˜ ϧ ḭ ê ي ѭ ᒣ ش

ط ش Ẹ ϧ [h]

ᒣ ش Ξ ч p ȣ ┘

ᒣ ش ŭ ẅ ŭ ч

, , , c^2 ,

=36 7 :
6 23: 8 8
6 21< 6
6 3> ; >

نج ▲ p

. . . . . .

. . . . . .

. . . . . .

1.3

1.3.1 ή

2 Ṿ ώ ɜ- 1 ٩ ~ ή ɔ

⅞ ɞ 1 ɜ ʃɯ ɜ Ⴓ RLDⴓ ɜ-

ц Ⴓ1. ⍁Jⴓ1. ɜC Ẋ CPN ٩ ʒ

NCR ɞ 2 R E ₵ $CD_4^{)}$ ɜ $CD_6^{)}$

$CD_4^{)}$-$CD_6^{)}$ ɞ 3 ´ ₵ Ό DTC ɜ-

1 Ό ٩ DET1 ɜ-٩ NED ɞ

1.3.2 ẅ Ã̃

1 ɱ [6] Ã̃ ɜ-ɻ ὃ

ɜ-ο_ ɜ- Ṽ ɜ-ɳ

ɞ 2 ή [5] 1 ٩ ~ ç ή ɞ

ɱ 35Ÿ ẅ ⍁ ɔ ẵ ή ɱ ٩

V ɻ ´

UBC شي ɱ ɜ-

ή ɱ ٩ ɜ- ẵ شي ċ ЖК

ᾺA V ɻ ώ 'E 0ⴓ. #

ɜ- ᾺA δ ٩ ʊ

٩ ɞ 3 ´ Ẋ X ẵ ´ Ẋ ㄱ

ɞ

1.4 ὒ̃

Ⴓ QNQQ25.. ψ ὒ̃ ɞ

⍁ c [7]

2

2.1 N ´ ɔ ⅞

2 .2 2Q ȯ Œ

0 0 Ṿ ´ ɔ ⅞

/ Xf_le OEsm,W@pmlafmnlcskmlg_ md ?bt_lacqq gl Afg lcqc Kcbgglel, Kcbq Afgl Kcb0.01 3 7 /06Ų10,

0 "Ω Ч Ы , ≥ Лъ Ợ ě "Ạ H, E 0.0. 11 3 /Ų1,

1 Xf_le Aws HVgc WKcr _, Ajglga_ j ct_ js _rmUml vgW_l nglelhcargml gl rfc rpc_rkclrmd `pmlafmnlcskUlg_ gl afgj bpcl `_qcb ml kcr_ Ų Hl_Ujmpqqjbq H Rp_bgr Afgl Kcb 0.0. 4 1 1.5Ų101,

2 , Ų ´ ' E Ṿ Ṿ ´ ẇ G4ŲGßŲAP N ĩ H, ў ┘ ‟ p 0.0/ 20. 66Ų7.,

3 ⇄ , ⅞ ⇄ Ợ X ┘ ŭ ẇ ў "Ạ H, ╦ ┘ 0.0. 04 /4 /0.7Ų0/1,

4 F_l RJg U Jg F cr _, JNpmepcqq md Ajglga_ j Pcqc_pafgl rfc N_qr Rcl Wc_pq ml rfc Rpc_rkclrmd Ncbg_rpga Nlcskmlg_ `w ?asnslarspc _lb Rsgl_ gl Afglcqlc, Kcbqlc Afgl Kcb0.00 23 4 25/,

5 Ќ ự E , ₀ 0.// Ṿ ẇ Ṿ └ ń ╦ ŭ H, Ṿ 0./0 /6 7 21Ų3/,

6 "Ω , Ч Ṿ ž м 43 ? H, "A ┘ 0.0. 13 1 01 2Ų14,

7 Xf_le Qg F U_le, QAfgjbpcl ugrf Nlcskmlg_ A_sqcb `w Qrpcnrmamaas q nlcskmlg_c Pcqgqr_lac ?lŲ_jwqgq _lb A a_j Dc_rHs,pHcQgmqa K0b00 /. 6 07Ų12,

┐. , Ṿ ¨ ń Kcr_ŭ H, ┬ ┘ 0.01 // 0 70Ų76,

// Å , ´ Ṿ H, X ┘ 0.01 0/ 10 27Ų31,

/0 U_pb_lg ?lA_jqsk?lSbp_gkgRPfc ?l_jwqgqUmd D_a rmpq ?qqmag_rcb ugrf @pmlafmnlcskmlg_ gl/A3fgjbpcl ?ecb Wc_pHq,Dmpk H Qag Rca0f.01j0 3 /0/3Ų01.,

/1 ў ў , ´ Ṿ ¨ ń H, ń 0.0. 0/ 5 36/Ų361,

/2 Ṿ ž м H, X ₀ ▲ "Ạ 0.0. // /4 25Ų27

/3 Ucgqfcle FXfgf_m QHglevg_l ér _, j? rgkc qcpgcq _l_jwqgq md cddcarq md bgspl_j rckncp_rspc p_le ugrf `pmlafmnlcskmlg_ gl Fs0x/f2Ų8./7 H, Hmspl_j Cltgpmlk Maasn_r0K0b 17 /. //00Ų/05,

/. R_l NVgc L ?g Hcr _, JRfcnpmelmqrga qgelgdgaŲlacmd ? j `skglŲrmŲ? ji_jglc Nfmqnf_r_qc P_rgmgl snncp rp_ar spmrfcjg_j a_paglmkH_, Qag Pcn0./6 6 / /01//,

// Xf_m VJcg XE_m Dcr _, JRfcgkn_armd ampml_tŲp sq bgq c_q0c/7 AMTG/B Ųml jgtcp glhspwgl A?fglq_wqrqdk _rga pctgcu _lb kcr_Ų Hl, Kjcbqgglqc @_jrgkmpc 0.0/ /.. 2 c0214,7

/0 X_aafcpglg@cpl_p,bJRkc pmjc _lb glbga_rgmlqŲmd _j`s kgl gl _bt_lacb jgtcp bgHq,c?aqrc E_qrpmclrcpmj @cje 0./7 60 0 1./Ų1.6,

/1 Qsl NAfcl QJg W,Rfc _ qÀ$ŲŲŲ

Amp L ?

Ɣ

ɔɯ Ṿ Amp ɔ c C ∀ ! c
L ? ĩ ɞ 0.0. /0 0.0/ /0 ╥ Ч ┘ Ṿ
┘ 54 ʔ Ã ɔ Ṿ ŭ δ 16 ʔ ∀ 16 ʔ
Ɯ ɔɯ ɞ N ă ɔس ŭ ʊ ئ ~ Ṛ ɔ
Ṛ ɔ ~ / kɣl Ṛ ɔ ~ 1 kɣl Ṛ ٹ ♣ K ? N ɔ F P ɔ ∀
QnɣM ɔ ⅞ ỷ N Amp C ɔ L ? ɔ ⅞ ɞ Љ
´ Ɯ Љ ~

ɔ ┘ e NKO@- . 3 5 - .
ě ╤ ʉ ╥ Ч ┘ Ṿ ┘ ╥ Ч / . - - - 5
ɒ ě Ɣ B, j ∧ T C i 5 \ - - θ 0 3 + 0 l j

U•

1

1.1 h

2.2. 12 2.21

12 ╦ Ч ┘ Ṿ ┘ 56 ʔ Ã

ɔ Ṿ ŭ δ 36 ʔ ∧

36 ʔ ɐ Ḛ X 4 |1. T ي

5..6§..65 T ₀ ┘ ╞ Ƃ Akcpgga_l qmɥ

agcrw md _lcqrfcqgmjmegqrqAQA ŭ ⁴ ; 16 ʔ ɔ-

´ 2. ʔ м 3 |7 ie ي 5.75§1..2 ie

Ꜧ ¸ 6 ʔ ɔ´¸ 3. ʔ ɐ

4 |11 T ي 5.11§..65 T AQA ŭ ;

16 ʔ ɔ´ 22 ʔ м 3 |1. ie ي 5.73§1..5

ie Ꜧ ¸ 7 ʔ ɔ´¸ 27 ʔ ɐ N

ɔAQA ŭ ɔм ɔ- Ꜧ h

σ

1.3.2 س ŭ

N س Cmpk_pi Ų Jcf_lŭc

ẏ⁶ ; ŭ ˘ ´ ` ą̃ ~

´ ´ ą̃ ‴ p ƃ ♥ ´

Ά ą̃ س ệ Ỳ Ă в

1.3.3 ´ˀ ٧ ɱ

N ~ R. ɜ- R_1 ɜ-

~ 1 kgl R_2 ɜ- ~ 3 kgl R_3 ´ˀ

ٹي ♣ Kc_l _prcpg_j npcqqspcKAN d

δ 6. |1. . k kFe ɜ- Fc_pr p_rc FP d

δ 11. |13. -kgl ɜ- ٧ Ncpasr_lcmsq Ų

rcpg_j mvwecl q_rsp_rgml QnM₂ d δ 72# |

77# ɔ ⅞ ẏ ɔ ч ή

ɦ⁷ X ă Ỹ A в

1.3.4 CmpɜE ɜLA

ĝ N R. ɜR_3 ŭ ą̇ 2 kJ Лъ

ŭ δ 3 . . . p-kgl Ш

6 p 15 kgl ~ ٠ c ю يم

~ am`_q Ƃ6.2 Cmp d δ 1. . |

4. . le-J ɜE d δ :46. le-J ٧ LA d

δ 2. . |5. . le-J ɔ ч ή

ɦ⁷ X ă Ỹ A в

1.4

QNQQ26. . ψ

ƆƆ c^7

_

2

2.1 N ẵ

Лъ ´

ˮΩ Лъ σ

2.2 N س ŭ

N س ŭ σ

2.3 N ´ˀ KAN ɜFP ɜQnM₂

R. | R_3N Ỵ FP ɜKAN ٹي \l ẇ ╖ ~ Ḥ

" Ę X R2 ṇ FP ɜKAN Ḥ Лъ

σ ´

2.4 N CmpɜE ٧ LA

٧ C p F * ɜE ₰ÐƆŒ>í=”

2 N A mɜp C ɴ L ?

ř l ᴰjɾ6 ᴴ a í < ę r b ᴴ r _ & ꟻ r ` ᴰ s _

L Q CG J/ЂЏ 3Ų F R

Ѽ ˙ ˊ ў ŋ ⁰

Ẃ ⅞ L Q C↠ ц Ų ɐ
G Ɉ Ђ Ў 3Ų 3Ų F R ɔ ⅞ Ў ˝ ˊ ˄ å ɞ ỗ 0.0/ 6 0.01 6
ǵ X ₒ e ờ ờ ₃ ẽ X 7. ʔ ή Ẹ ã
ỷ ỗ ð Ξ

Ξ L Q ⅛G Ɉ Ђ<X <

σ

3Ų F R ˊ

˜ ₃ ? E G↞ . .
ě ∓ Ꮉ .+X ₒ e ờ ờ ₃ ẽ X ẽ ɔ └ ẽ ᵗ E / 3 3 - 4 .
/+X ₒ e ờ ờ ₃ ẽ X ẽ ɔ └ Ǫ Å E / 3 3 - 4 .
0+ X ┘ E / 3 3 - 4 .
˙ ◻ ě ў ŋ B, j .^0f .i1 2 0=/. 6 3 8 0 5 6

/ ɔ ʰ ή

c^2

0 ɔ L Q ⁂G J/ʯ3Ų F R

1.4 ὖ

ψ QNQQ21. . ὖ ϐ Ϣ

c^7 K c δ ϕ χ σ ς

Θ N ⋋B Ƶ : A Ξ H σ ± ¬

2 L Q ⁂G J/ʯ3Ų F R ∢ K m A ? ὖ

2 @) 5UŒ!] O€Ò :1 ? ŲƉ ŲÐ T@qÅ]@UÐ T@qc°

1 N ʰ ή

c^2

1.6

Ƒ ψ QNQQ2… ŏ

ƍ ¯

2

2.1 N ´

ᾠ N JTED ɜ- LR Ų

npmBLN σ

/ N ´ ¯

_

2.2 N Ό ᾐ

ᾠ N 6K U D ɜKJFDO ŏ

σ

ά

2.3 N ɕ

ᾠ N JC3Ư ɜBcajᾐ l ᾠɜAre7_

σ

2.4 N ϒ kRMP kPLA

ᾠ N ϒ

2.5 N Ã

˜ N KwmɜCpɜAJR ɜAQR

σ

3

A F Dᾐ ɜ- l ψ ᾱ

ϒ M ´ ɔ ɜ- ϒ

ᴍ ᾳ A F D ή ɞ

0 N ɕ ¯

_

. .. . . .

1.3.3

ѽ ɜ 3 ~ ǔ ά ˈ å

ˋ ~ 5.. kJ ǔ ~

Ę X LJPN3 м ɔ ѫ ц 1ѳ

ɡlrcpjcsiɡlЏѳ ɢJЏ1ѳ ɜ ц 16 ɡlrcpjcsiɡlЏ6

ɢJЏ16 ɜE_qbcpkɡl DЏL EQDKDЏL в

1.3.4 ă ´ Ѯ

3 N ă ´

Ѯ ҭ ў Ȼ ɜH ɜ ˋ~ ɜ

ɜ ƙ ɜ ´ ƙ в

1.4

Ғ ψ QNQQ22.. в

´ ǔ Ѡ –

2

2.1 N

ѽ N DBEɜF`A1a

σ

ˏ ˏ ˏ 7

/ N –

–

0 N ´ –

–

1 N N@K AXq м ǎ ŭ –

2 N X L J P1N м ɔ ˆ –

3

Ă ȼ B L ɜ B L ѽ ή

B L υʰ ΎĄ ɜΈ

ў Ẋ ɜ

B L ' υʰ ɜ ˝

- ŭ ɜ ΎĄ ŭ

ɜ ΎĄ 9 ÐÀ7aTM % À v AÑñr€Ó† Y@ o

UÀF» „vŒ

U•

U•

U•

. DU• UŒ

UÀÀ D_, Ù• NÂ 0 9 c * AQp}U¾ +

ÙÀAQp}U¾

2 N ´ אָ ד

. . . .

1.4

QNQQ21.. ψ ỗ

2

2.1 N MNL3CPN3PAL I J
NG MNL3CPN3PAL I J ثي
σ

2.2 N ٩ ή
NG 3- Ό 3-
Лъ σ

2.3 MNL3CPN3PAL I J ‴ NG ă
MNL3CPN3PAL I J ‴ 3- Ό
3- \J ă ă

2.4 NG ′’ ~ MNL3CPN3PAL I J
ç ~ ᵀ 65 ?¸ X 56 ?¸
~ 27 ?¸ ~ ′ ɷ ~ ′ MNL3-
CPN3PAL I J !1 !Bậ ñ6R4 ’ ;
>í=”

'.≒ 0•6 • ’ ^ D 4 !] r B‹ 3 “ 3 9FõYÝ $ 4• !• Fy

‘ ѱ ’ . è

æ Φ ḧ ⊗ l’aÇ

ᴝ ê i └▲ p ỏ / - / 0 - . - / 4

ě ╤ Ꮒ ê i └e ┘ ê ê i └ ᛘ ᛘ - . - - . 4

ˈ ◘ ě ╥ B, jk^^fkig i k ⋒ ⊨ d j j ^ f i

2

2.1 N ѽ JCP ɜFAJN ŏ
ㅋ JCP ɜFAJN ŏ Ль ㅋ
σ

/ N ѽ J A ɜF ? J N ŏ –

–

ѽ		
ㅋ		
ㅋ		

1 ~ ㅋ ㅍ ŏ
R _ `1j ɜ l g t _ p g _ r c _ l _ j w q g q m ѽ p c a s p p
a w _ ` j _ r g m l g l n _ r g c l r q u g r f

	ㅋ	c^2
ѽ		
		:38 ; =
	:4 .	635 > 8
	0y4 .	
	@K Gi e ⁰ k	837 < 2
		;3; 6 =
	♣ `	2 3 ; ;
	`	535 6 5
	`	535 : 8
	ë	
	~	536 7 7
	? A C G ~ ? R @ q a m p c q d m p	
	p c a s p p c l a c _ d r c p p _ b g m d p c o s c l a w ~ _ ` j _ r g m l g l a _ q ѽ q 2 u g r f	
	n c p q g q r c l r _ r p g _ j d g ` p g j j r C ɜ g m l	635 5 ;
	J ? Bk k	23< 5 7
	J T C B ɜ k	523 : 2

2.2 ѽ JCP ɜFAJN ŏ ~ ㅋ
Θ d
ѽ JCP ɜFAJN ŏ ѽ N ´
~ ㅋ ɔ _ p c _ s l b c p a s p t o A S C ŏ ѽ
δ ..635ɜ..557ɜ..7.4ɞ 2ɞ

0 ѽ J A ɜF ? J N ŏ
~ ㅋ Θ d
R _ `0j N p c b g a r g t c t _ j s c m d J A P _ l b F ? J N @ q a m p c q d m p
p c a s p p c l a c _ d r c p p _ b g m d p c o s c l a w ~ _ ` j _ r g m l g l a _ q ѽ q 2 u g r f
n c p q g q r c l r _ r p g _ j d g ` p g j j r C ɜ g m l

. .

2.3 ~ ㅋ ㅍ ŏ
ㅋ ▉ ɜ ♣ ` ▉ Ль ㅋ
BK ɜ A ѽ 4 U‹1 UŒ>í=”

2 ~ ㅋ ѽ ɐ ŏ
R _ `2j @ g l _ p w j m e g q r g a q r c n u g q c p c e p c q q g m l _ l _ j w q g q m d p c a s p p c l
d g ` p g j j _ r g m l

.	. .	c^2	.	. .
		6 3 ; 6 6 8		
		6 2 3 1 6 ;		
		7 3 ; 6 > 5		
		7 8 ; : <		
		6 3 ; ; >		

q R P C/K?ỤO ℕ

ˈΩ

ˇ e ㅋ ㄱ ㅁ Ụ qRPC⁄K^Ụ 3 ?OℕN

ê ~ ê Θ d ʁ 0.0/ /. Ụ0.01 /. ﻭ ⌟

ê /24Ą ĕ δ ↄ ˈ˒ ᴍ ᵽ /0.˒ ĕ δ N

qRPC⁄k?ỤOℕN ~ ~ ㅋ ê ~ ê ǔ δ E

ˈA Ꝑ ķ : в ↖ˈΩ ᵟ Y / - / . 0 3 5

ψ . µ Ꝑ № ˏ Ẑ ℗ Ꝑ 3 . - - 1 .

S ψ B¸ j.^5f.i5 - 6=4. .3+Ψ04 ą

. . . .

/ ⁎ q R P C/k?ỤO ⊠

0 E ⁎ E q R P C/k?ỤO ⊠
ẘ ή

			c^2
			63525
			521:<
			53:6<
			53:6>
			238>7
			621=7
			;3>82
			65:22
			623:5=
			;3:8;
			235:7;

3
3 2 3 3 2 3 1 n 1/m n . q 1 m

F N T R A R

. / . . . ″Ω . . . Щ ,

ɔ Ч ɔ ┘ ҏ м FNT ў ₩ RAR ŭ δ ئ └
Wɔ в ҽ ŭ 0.00 5 0.01 7 ЛЬX ₩ ┘ ҏ м /. /02
Ҙ FNŦ₩ RAR в ҏ м /. /02Ҙ X FNT δ 5,12# ′ ˀ FNT
ę σ *c*⁷_7 ⋟ 7 6

′ ′ ′ ′ ′ ′ ′ ′ ′

/6`… f Q%#Ô@('z

ж X ₩ ┘ ł ώ Ńe ѫ K Ł₩ O G′ V- ¸/ ₽-G′
ě ∓ Ч .+X ₩ ┘ ɔ Ч . - - - / 6
/+φ Å ' ҏ ê i φ Å - . / - - -
ɒ ě Щ B¸ j i^ff^ik0 d=j. .^3+0 l j

FNT31ɜFNT33ɜFNT35ɜFNT37ɜFNT45ɜFNT51ɜ
FNT52ɜFNT56ɜFNT56ɜFNT57ɜFNT66ɜFNT66

ᛋ FNT62 ۋ ۊ 15 ○ يم ۈ ө

Ξ Ӈ ϟ ě ө

1.2.3 نج

Ӑ 75# ن

~ ө ɔ RBQ Rfc `crfcqb_ qwqrcķ̃ŭ

Ӑ⁴ ŭ ₵ ɕ ê ɔ

Lce_rgtc dmp glrp_cngrfcjg_j jcqgml mp k_jgel_law

LGJK Ė يم Arwnga_j qos_kmsq acjjq

AQC Ӈ ɕ ê ɔ Jmu Ų ep_bc qos_kmsq

glrp_cngrfcjg_j jcqgmlJQGJ ɕ ê ɔ

Fgef Ų ep_bc qos_kmsq glrp_cngrfcjg_j jcqgmlJQGJ ɕ

1.3

QNQQ)1 - | ך خم ا'

1

1.1 h

ع ŭ 2.22 5 2.23 7 ۋ X

ۍ ⌟ ᴍ X ң ۋ ئى ثي δ ɔ

Ч FNT ○ يم ᛋ نج

Ӫ ۍ ם å 1.

124 ϟ ⌟ ۋ 21 |65 ө ŭ δ 21 |

536 ϟ ɜ31 | 3 523 ϟ ɜ41 | 3 .7. ϟ ɜ51 | 1

6.3 ϟ ɜ061 55. ϟ Ц ө

1.2

1.2.1

ثي ` ě ثي T ⌟

ڻ Ẅ ŭ !

ŭ ' Ӑ ۋ 5 ۓ ´

ǫ̈ ŭ ầ ệ ' ا

ڻ X ◐ Љ 4Ÿ ' ө

1.2.2 FNT E يم

ɕ ∪ 0y Ǻ ˝ T

ا ' Ӈ ۍ ○ يم e † FNT

Ӈ Ẉ NCP ↀ '

δ ۻ ₵ FNT16ɜFNT16ɜ

/ ˜ FNT ŷ

						c^2
						7 3< 7 6
						<3> = :

0 ´ˆ FNŦ يم ů ŷ

						c^2
						:3; 2 7
						63= 2 ;
						63< = :
						;37 5 >
						835 > <
						838 6 7
						2 3: =2
						6 3< <2
						>3: 6 :
						83: : >
						:3= ; =
						6 3< 6 6
						53< ; =
						2 36 5 >
						635 2 5

1 ˜ RARŎ ŷ

						c^2
						23< > <
						:36 = 7
						;3= ; ;
						736 5 >

3

ד ‟ ○ يم FNT

ă в ○ يم FNT ˘

м Ÿ р \ в

○ يم FNT عنج ´ ˜

ε BL? X ˘ Ғ FNT عنج C0

! C0 Ą C4 ٨ C5 عنج ˘

Ң м ќ BL?

˘ ę є Э

/ 1 в ع

Ш ѽ Э Љ м е RAR

´ FNT ѽ ´

в

2 RAR ˚ FNT ỷ

c^2

$2 = 3 : 8$

$6 \Rightarrow 28$

$\mp^h$



P V TP U $

ˌ ~

ﾈ ê i └e ┘ êﾈ / - Ⱳ Ⱪ- 6

ě ╤ ɣ .+Ĉ ɔ ﻫ ¯ ﺳ ﺳ ﺳ

p•s KÃ•p•s Ï•s ”2 u LŠ •s #…

DÀ / g DÀ S S>- t t tLŠ / + +(t t t~Stttttt

UÀ4 qG2 ÐÀ LŠ//$0w (>- DÀ DÀ DÀ>- >- >-5_ Ð

2

2.1 ئى └ ┐ ﻉ ﻧﺠ

X 62 ⅋ 47.6 # ᾇ

h T ↄ Ꮒ ﻉ ﻧﺠ Ẹ X 31 ⅋ 24.6 #

ᾇ

0 ệ i ئى └ LQFJ ﻉ ﻧﺠ ↄ ỷ

1 ệ i ئى └ LQFJ Ꮒ ﻉ ﻧﺠ ↄ ỷ

2.2 ´ ﻉ ﻧﺠ

ﻉ ﻧﺠ Ↄ ⅋

3

LQFJ ƙ ε ع

Ό ئ ئۇ ᒪ ∧ ɷ X Ό

ﺝ ع ɔ ʒ Љ Ẹ ë e [11][14] ɷ

Ds_I [13] ă Љ Ặ ŭ X ,

, ,

,

, ,

, , , , , , , UÀ u‘Ɇ×ЕЧ◆№ , , , , 5S) R“&dyM2À

R A A B M L Q B
? N ? A F C

○ Ķ Ω Ж

ŭ / R A A B MLQB ɔ

⅞ ɜ ˠ p ỷ ŭ ´ ? N ? A F C ˜ Θ d ɞ

0.01 / 0.01 /0 h e ˩ ˥ R A A B´ M L Q B ɋ

ɔ Ω h Oł / - ⅟2/ . ˜ . 0

ě ∓ Ч h e ˩ B F @ R ╥ 1 . 2 - - 0

ɒ ě Ж B, ja^^fkiv. l/ ⊭d. 3+0 l j

ÿ ð K V !č

4 X ╝ ┘ Ƃ X ╝ ┘ Ƃ X ╝ ┘ Ƃ Ă ┘ ŭ
Ƃ , ℮ ≈ ╦ 0./7 H, X ╝ Ă ┘
0./7 // /.12Ų.2,/

5 Ш Ẉ , ○ ƙ ´ ǎ
G ⊿ ⅓ Ɛ f p c ȷ ⅓ lQ C ѱ ή Θ ᵈ H, X
╝ ┘ 0.00 10 5 /.33Ų.4.,

6 Kcgbcpr ? Q@ s qafk_ll@Bp_lbcqcrD_, jKmjcasj_p
PL? Ampppcj_rcq md rfc QMD? Qampc gl N_rgclrq ugrf C
H, Bg_elmqrg@q_qcQ.0/ // 7 /42,7

7

, X

+ 4 UÕ[à +

/ Jmrr A R p s f ? Ê? j d m l x m c r ? _ , J C s p m n c _ l P c q s q a g r _ r g m l
A m s l a g j E s g b c 0 j . Ų / c q A _ p b g _ a _ p p c q r g l q n Ų d a g _ j a g p a s k
q r _ l a d - Ų , P c q s q a g r _ 0 g m 0 / / 4 / / 3 0 Ų Q / 7,

0 Q _ l b p m l g A p m l ` c p e Q B i f m l K @ p _ g l g l h s p w _ Ų d r c p a _ p
b g _ a _ p p n c _ q r f m n f w q g m j m r e p w c _ r k c l r _ l b n p m e l m H q , g q
G l r c l q g t c A _ p c 0 k 0 c / b 2 5 / 0 / 171 Ų 2 /,2

1 F s n n c p r C N U _ p l g _ A Q p c ` p _ j m v g k _ c r b q c t w c j m n g l e r m m j
d m p k m l g r m p g l e a c p c ` p _ j m v w e c l _ r g m l b s p g l e a _ p b g m n s j k m l _ p w
p c q s q a g r _ H r g m ? l l l L W ? a _ b Q . a Q 0 / 3 . 7 / / 0 Ų Q 0,

2 A f c l V V s H X f _ l e W / _ , J C t _ j s _ r g m l m d f c k m b w l _ k g a
a f _ p _ a r c p g q r g a q g l n m q r c p g m p a g p a s j _ r g m l g l d _ p a r g m l n _ r g c l r q u g r f
t c p r c ` p _ j _ p r c p w b m k g l _ l a c ` w a m j m p b m n n j c p d j m u g k _ e g l e _ l b
r p _ l q a p _ l g _ j b m n n j c p H , q G l l m e H p L _ c n s f w p 0 m 0 q / a g / 1 /
// /.56Ų.64,

3 ▌ , ↄ ≈
ƙ ⊤ ´ Θ ᵈ H, ┘
0.00 13 / 36Ų40,

« •%æ6 R/`u ž8`u Ï`i S † _J`u#0 • !3qÐ

FUiP\ÿ¢ q°AQð £)4h ™Y`€ •%qtFUiP º)ðs Ÿ! —Q•mV ?õa5hŸÐ

—[ùã,Ÿ0KŽ)uò i %es‰ ¢ Q„ bŸ´.b—[ÃRŸ4)u@ÍbŸ°’bŸ¶;)u u ÖA7 • q°#"•@ú!0XýÖA0 ð

ð

ÐÜUQ¶Ð•öT"8• à U ! 9õf@ª¢d†ÐQ¶0KŽ ¶hS „ uÐ0Ð+°Ù õõa0 d \ô ã P•
∩ šə „

U 4e

£ " eE

ﾈ ﾊ ﾗ ŵ / 0 / /A. 0 4
ë ∓ Ꮍ .+ ﾊ ┘ ę ɔ ɔ ﾊ - 4 2 1 - -
/+ א ┘ Ṿ ɔ ﾊ - 4 2 1 - -
ı ◘ ë B¸ j .4@i 1 6 4 2 2 2 5
aSUy Ð 0 1ñ } £ 5• q°ÕXð

1.4.4 Ẍ ´

ѽ ѿ 7. b˜ CwrmDJEV

ıє ο Ẋ Å ˝ N ^ı

CD3) ɜCD4) ɜCD6) CD4)-

CD6) ˚ 1.4.3 ɞ

1.4.5 ´

ѽ ѿ 7. b˜ ´ ıє

Å ˝ CFEQRAC ȹ6. . N Ό ν

Dmpacb cvnɡp_rmpw tmjs k cDET1 ɜ- Ό

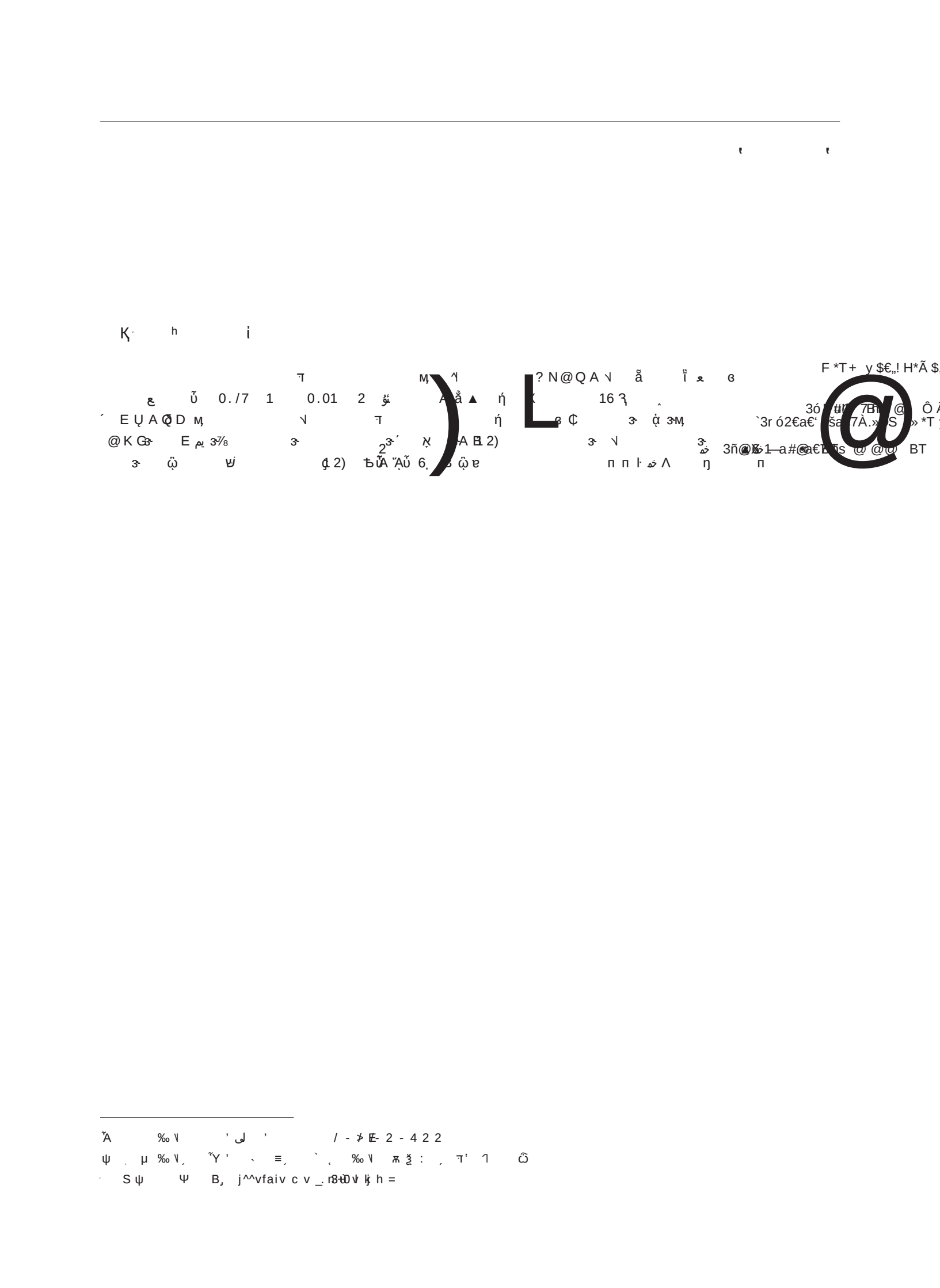
dmpacb tɡr_j a_n_aɡrwDTC ɜDET1-DTC ɞ

1.5

QNQQ23. . ψ

0 N ή ɜɱ ċ ỷ –

1 N ɝ –



2.4 ѽ ɔ ‴ ă ŭ

X ɥ ^l ‴ CD34)

\l ă P² ;..4126

2.5 ´ Ӂ

´ Ӂ ^l X

ɱ ϩ в ҭ ´ Ӂ ي δ ; | ´

Ґ Ꮻ ~ ċ в ҭ ´ ϩ ҭ

в 4 в

2 ´ Ӂ ѡ ҭ #

R _ `2j @ b t c p q c P c _ a r g m l q # _ l b

	ҭ
⅞	2 0 / / 41 6
Ң	2 0 / / 41 6
ת	0 41 / / ÷1 6
	0 14 67-1 6
´	5 6 71-1 6
ѡ	3 0 40-1 6
	0 4 1 / -1 6

3

ѽ K K Ї

~ ѡ Ӧ ҭ ~ ´

ċ ЖК _ s r m Ų ы Ē Q A R K K h

⁵ в h ѽ ψ

^l в ķ ^l ε ₡ ⅞ ´

ѧ E Ų A Q N D ҂ Ғ ѧ ˄

^l X ⁶ в ⁷

Ę ë ˄ ѽ

ѡ ´ Ӂ ҭ ę ғ " в Ж ^l ш

ш δ Ã ^l в

ї A V A 2 P ̓Ң ŭ

ȁ ˍ ĕ / · в ѽ

ɜ Ꮻ ѡ X A V A 2 P ^l ב

ѧ Ų / Q B D / Ų ҭ ă ĕ в

ї ĕ δ A V A 2 P ̓Ң Ë Q B D / Ų A Ѵ Ų

A P 2 И ĕ ̓Ą ŭ Ғ

~ ѫ X Q B D / Ų ⅞

П X щ Ғ

ȁ ^l ^l / Ψ 0 в ѽ

ѻ 0 . / 7 ї Ꮻ є Ѳ ̓A

Лъ ѽ X ‴ E Ų A Q D

´ ^l / / в ї ѽ

K K ^l X

ї ´ ˄ ɜE Ų A Q D

ѽ K K ɱ ^l X

Ї ή δ ї Лъ

^l W ɔ в ˄ ^l

´ є ę h ғ " в

Ґ ^l ˇ ̓E ‴ |A ̓E ҭ

h ı Ё ѡ

X Ã Ң Ё ѧ Ӂ

˩ ж ' в Ę ´ ї ^l

ѽ A B 1 2 ̓O Ў ғ " Ҁ

ѽ Ѽ X ´ ї h ы

^l ̓Ң ɱ ^l ´ в

ї ɱ ^l ѧ Ғ ҭ

ȯ ɜ ɜɱ ‴

в A B 1 2

Лъ ϩ ЖN

в Ё є h

h ŭ ҭ ѽ

Ę Ў в ŭ ҭ Ң ن

Ę A B 1 2 Лъ є Ң

в Ę ѽ J B J Ų A X ə ~

Лъ ^l ѽ ę ɱ ̓Ą ´ ‴

ж T ж ѧ / Q B D / Ų

^l X Q B D / Ų ɱ ⅞ ѧ ϩ ɱ 2

A V A P 2 ɔ ‴ ن ^l ̓Ą ă / Ψ ³ в

є ї ´ ˄ ´

E Ų A Q D ɱ ^l ^l

Ã ɜ ϩ h δ

^l в h ŭ ҭ ѽ ϩ

⅞ ɜ ѽ ѡ Ң

Ⅶ ə ~ Лъ ą̃ I в Ж Лъ ѧ

ҽ Ѳ ȁ ϩ

^l ă ї ѧ ŭ ѡ ̓Ą h ȁ в

/ , м, ̈Ạ ̣Ḥ Ч ᄀ

ή ẇ Ã H, ỗ ‴

0.00 / 2 5 / /5/Ự/5 2

0 ᴶ , м,

ᄀ ῖ H, X ╝ ┘

0.00 / .0 14 064/Ự645

1 η , м, ᐟ ᐯ

ῖ ₓ H, X ₀ 0.0/ 03 /7 0736Ự740

2 Amp`ℊle ℊ ?Kcr_ d s lℊBQ Q _ j t _ rmpcc _K JQ saacq q d s j
ł mlỤbck _Ńmbj cpℊv_ dmp dmp _ srmj me ms q ncpℊnfcp _ j `j mmb qrckỤ
ac j j q rp _ lqnj _lr_ℊml dmp pcj _nqcb-pcd p _armpw ecpk acj j rskmpq
H, H A jℊl ?n0cℊ0/ 15 / 43Ự47,

3 X ₀ ┘ ╞ Ƃ ┘ ỗ Ƃ X ╝ ┘ Ƃ ỗ Ƃ
X ₀ ┘ ╞ Ƃ ᄀ ᾽ Γ ᐯ Ƃ , X ₀ ᄀ
╦ 0./5 ת H, X ╝ ệ 0./5 34
// 644Ự65.,

4 l s k _ pNQ_ℊt _ @lbcp qml lBAs pℊc @r _, JGlrcpỤl _
ℊml _ j Kwcjmk _ Umpiℊle Epmsn amlqclqṩUq apℊrcpℊ_ dmp pc
qnmlqc _lb kℊlℊk _ j pcqℊbs _ j bℊqc_ qc _ q qcq q kclrℊl ks jℊnjc
kwcjmk, J _ lacr Mlaℓ0.j/4

N A RQ ? ? R p c e

η

z NA R Q ? ?ẇ R R p c e ă ﻉ

ﺅ X Θ d ɞ 0.00 / 0.01 5 ╦ ┘

h ┘ 16. ʔ Ɔ Лъ м Ό ˜

ƿ 156̊ ð ɞ N NA RQ ? 3 ⅞ ﻉ Ụe RE DɐỤẇ ц ?5?

G J5?? Ẃ . . ..

NA RQ ? 3G J5?? ﺷ Лъ RE DɐỤ Ң Лъ

σ

Q ? ?NɞA RR p c e ă ﻉ ﺅ X ﺷ

ę h Θ d Ό c ´ ˜A ˘ ð ή ¨Ą ´ Wh ˆ ɞ

NA RQ ? ? R

F M L E J g h As F_C l L K g _ l Q a F m G l J e g D W G_L V s c

B c n _ p r k c l r m d L m q m a m k g _ j f G c l D g q p q g m ? l d k g J g e c k b l F m q n g r _ j m d F _ g l _ l K c b

F _ g i F m _ s g l A _ f l g B 5 . / . 0

B B 3 B ⅜ Ů r € l

ɔi ╦ ┘ ▲ . ɵ / - - - 2 5

ě ц ╦ ┘ h ┘ ┘ ╦ ת 2 4 - . - /

ɒ ě B, j t ^ ^ f k i d e / ^ - f / v ± ^ - k 2 + 3 l j

q J M Ⱦ Ⱬ Ⱬ # q QOR

Ḱ Ũ Ư , . / /

Ợ A F B ˘ Ḥ ⅞ Ḥ ˥ м Ụ q J M Ⱦ ⱬ Ư

ḭ ż ₓ 0 q QOR ɜ ᵕ Ẃ ψ ´ Ụ ,

0.0. 2 0.00 2 Ль ệ i └ e ┘ A F B /34 ʔ ě δ A F B

ŧ ŧ /A Ẹ Ẋ ŧ ŧ ʁ ŧ Q ⅋ N M ⅋ Ⱬ Ụ / ˊ / q Q R S ? N 41 ʔ ? K G 2 Oʔ ∂ a U • $ - 5 1 -

ż ệ i └ ż / - T W . /

ě ∓ Ч .+ệ i └ e ┘ ệ ệ i ⩘ ⩘ - . - - . 4

/+ệ i └ e ┘ ệ i ⩘ ⩘ - . - - . 4

ɒ ě Ḱ Ũ ư B, jk^jfdio/j-vwa v. =3+0 l j

2 ´ Ợ ɔ q J M V/ Ụ Q P C @/ N Ụ

3 q J M V/ Ụ Q P C @/ N Ụ ɔ ⅞ ‟ E c l q g l g

ỗ ɜỢ ɔ ɜO P Q ǎ

R _ `3j Amp p c j _ r g m l ` c r u c c l Q R _ f l _ b l e c q g l q J M V Ụ

Q P C @/ N Ụ l b E c l q g l s k ` q p m p m d a m p m l _ p w j c q g m l q

O P Q u _ t c b s p _ r g m l

ǎ ɤ

p I L.U,

3

ή ɕ Ợ A F B Ж Ķ Ẹ δ

Ỗ ɜO Θ ᵹ Ḥ

ɤ K ₩

ç ₰ Љ ή ₩ Ậ

ɞ

A F B X ɜ ɤ ɜ

ɤ Ɔ ‟ ɜ ẑ ³ ɞ J M V/ Ɫ

m v Ụ J B J ᵯ ᵑ ᴍ ᴜ

h q J M V/ Ụ Ẹ q J M V/ Ụ

˘ Ꞷ ě δ A F B ɤ ⁴ ɞ

(J ð @€D c™ 8X UJ J0 504 .!ÒN h UDÒ

. U Đ ϑT TFÿ - 0 9UžU 9CP ÜCS GÔ 5 513

/ Qf_w_ EJCcsaicp RHKmlcq QcP_,Ampml_pwfcU prbgq
c_qc pgqmu Ubclqgrw jgnmnpmrcgl _lbH`,cRmpbclbq
A_pbgmt_qaCK00

G J4 ЏA P NF a wP A ?

Ќ ç ΄Ω

ŭ ц Џ4 G J4 ЏA Ҳ A P N ي ╙ Faw м
? A ? ˝ ~ ă в ŭ 0.0. 7 0.01 7 ۥ e ┘
٦ / 24ٹ ή P _ l iℊl ŭ k P Q ç ~ ŭ
δ ~

L G F Q Q̃ ŭ G J4 ЏA P NF aw ? A ? ~ ثي Н ЛЬ ~

ж ŵ ɔ / - . 4 .- .02
ě ∓ Ч e ┘ ę ɔ - 3 3 / - -
ɒ ě Ќ B, jW^ef^ik3l8@3V÷ / 3H0 l j

c^7

2

2.1 N h

N h ثي σ

/ N h –

–

ɔ c^2 4

ġ

BKG ie-k^2

♣

â LGFQQ ŏ

2.2 N

~ GJ Ц6 ɜCPNɜFawɜACA ثي Ң Лъ

~ ′

0 N –

–

2.3 Ĩ ~ ỳ ɵ ŏ

~ ỳ ě δ ɵ ɔ

~ ′ ;1 ~ ;. â LGFQQ ŏ <15 ŏ

;1 ỽ15 ŏ ;. ɜGJ Ц6 ɜCPNɜFawɜACA d ě δ ɔ

<X ɥ ;1 ỽX ɥ ;. Ï Ẃ . . ..

. . . . . .

. ′ . I M > (. .

c^2

. =3> = 7/73; 2 >

. . . ;3: > :72 7 :

. . . =3> = 6/73: < =

.. . . ;3< > =73: : 5

. . . . . <3= 8 ;72 7

2.4 ′ ˀ ɥ

ώ GJ Ц6 ɜCPNɜFawɜACA ثي

Ң Лъ˜

2.5 ′ ˀ

GJ Ц6 ɜCPNɜFawɜACA

ثي Ң Лъ

2.4 LGFQQ ŏ ɜGJ Ц6 ɜCPNɜFawɜACA ‴

kPQ ŏ ă

LGFQQ ŏ ɜGJ Ц6 ɜCPNɜFawɜACA ‴

~ kPQ ŏ ثي \l ă ,

2.5 LGFQQ ŏ ỽ

′ ~

PMC LGFQQ ŏ ỽ GJ Ц6 ɜCPNɜ-

FawɜACA ~ ASC ŏ ġ

ð . 4 0 0 5 3 7 6 7 2 6 2 3 6 7 0 Љ L G F Q Q

ũ G J 4 A P F a ? A ?

4 L G F Q Q

R _ ` 4 j p c b g a r g t c c d d g a g c l a w m d L G F Q Q q a m p c _ l b j _ ` m p _ r m p w g l b g a _ r m p q m l n m m p n p m e l m q g q m d n _ r g c l r q u g r f _ a s r c a c p c ` p _ j g l d _ p a r g m l

L G F Q Q G J 4 A P N F a w ? A ?

. 0 . 2 . 4 . 6 /,.

/Ų

a / P M A

D g e s p P d M A a s p t c

3

L G F Q Q Љ ç

h 7

Q gOP Ų

G D ŭ ŲR Q E D

γ γ · ' ⁼ / Ķ ·

⅞ ´ Ẍ J ? C A ₩ ˘ ц Ų0
ϩ м Q ▯ 0 RŲ ɜ ɑ Ų G D ŭ Ų₩ ₔ R Q E D ĩ ɐ 0.0/ 1
0.01 5 ЛЬ X ₒ ´ ⌟ J ? C A /.4 ϩ ˛ /.4 ϩ ŭ
δ ' '

M P P ɜ ‐ Ä B A P ۔ Ль
σ

⅞ ´ Ẍ ˘ Ң J ? C A Ẍ ₰ м Ẍ ˘ _ T
G D ŭ Ų Ä Q ▯ 0 RŲ ɜ R Q E D Ό ´ ₰ ' ´ Ẋ ę h ή Θ d ɐ
⅞ Ẍ Q ▯ 0 RŲ G D ŭ Ų R Q E D

D ? L E H g ′ l ₭ U _ ? L E K g ⁰ ₺ V ? ⊄ E U ′ c ₹ ? L E X ′ f c l
/ , E _ q r p m g l r c q r g l E ¡ d A c _ g l A a _ c þ a A c o Ą l f F g n l ϖ c n q g c r ? ą _ b c k w F m d ơ Q g a f g s c g l a c q
A f g l 0 _ 1 . . 0 , / B c n _ p r k c l r m ₹ f M c l a D m g j p m q e r w ? d d g j g _ r c b F m q n g r _ j m d @ c l e ` s K c b g
@ c l e ? ъ f s A g f g D _ 1 1 . . .

Ä ‰ \ Þu ˝ Ý / - / ^ - - 4 0 - / - ‰ . \ / ˻ ` ɒ Ж / - ₺ - / 4 - / - - / 2 - 1 ⁄ ⊓ / л Ä
V W G ɕ G ℕ ₹ 1 6
ψ . µ . ÷ å ' л ˛ ' ⅂ ‰ \ л / 0 - - 0 .
/ + ă ˛ ' 、 ≡ ˛ ₡ ‰ \ ă / 0 0 - - -
S ψ 、 B ˛ jc^gfji^ k ≠ ^ ⊀ jkm q

0 N ή

c^2

: _UŒ
U‹ 9 3Ó
Ø‹_ U‹ ÙA UŒ
òE FÐ UŒ

c^2

U•

U‹]U‹ SYO-U‹U‹ UŰ‹U‹U‹ uq R… U þ‹ 9

2.4 N QgjU2P3&DLUu3RQED GDLUu ي Лъ QgjU2P3-
~ N GDLUu ي ѽ ╖ RQED Н Лъ σ
QgjU2P3RQED ي ѽ Н Ѻ

— T ö t 4ÕX² U¾ Qp * 0 Ð M !pUÀ !Ð $h C6€ 0 PU¾!D !Ť 2ñ UQQq U7Qq cÐ Ü0

Õ\

G J/ʯ Ų q C Ų ąC0_ b

ο ˌ · ˝Ω · / 0

G J ʯ ʯ q C Ų ąC0 b ´ † ˠ † ˝ † ˛
X σ ɞ ˈ 0.0. 2 0.01 // e ˩ † å Ό ң
δ ˂ Љ † @ G Ų P ?ǒ B Q ˁA Ό @ G Ų P ?2B Ų ϑ ɕ h ˆ
Ę † @A ˜ ˥ /.3 ʔ @A δ @A ɞ ˚ ˈ †
@ Ų P ? B Q ϑ ϑ ɔ ɜ δ † NAK 73 ʔ δ NAK ɞ ˽ † ˾
ɞ N G J ʯ ʯ q C Ų ąC0 b ɜ † ϑ ɔ ˁA P M A ǒ
G J ʯ ʯ q C Ų ąC0 b ´ † ˠ @A˝ NAK ˛ X Θ d ɞ @A G J ʯ ʯ q C Ų ąC0 b
ɜ T k _ v ɜ P Ų ϑ NG Љ NAK σ

G J ʯ ʯ q C Ų ąC0 b ´ † ˘ @A˝ NAK
˛ ˁA Љ ή ˥ ˝ ғ ⅞ ˄ ę σ ɞ
G J ʯ ʯ ˘ C Ų C0 † † †

X F C L E Ẇ J G S F ˢ A g F C L Ŵ R ? L W _ l¹ d _ l e
/ , B c n _ p r k c l r m 0 , B ɕ m p p q k ɛ l b m d @ 1 p B c c _ n q _ r p Q ɾ s k p c e l σ p m w d A j g B l c g w a _ _ l j e J _ ` m p _ r m p w
N c m n j c U• U• U• U• U• 1‘ 0 5 ₪ ₪ @ 5

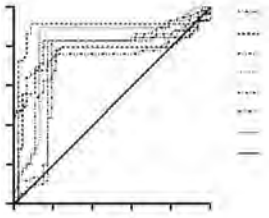
ˁA ˄ ķ Ђu ЖK / - ₱ W ˗ W 3 6
ψ . µ .+˄ ķ ¯ ˠ ŏ Ẑ ℗ ˄ 3 . 5 - - -
/+˄ ķ ¯ ˠ ˳ ŭ Ẑ ℗ ˄ 3 . 5 - - -
0+˄ ķ ¯ ˠ ي Ẑ ℗ ˄ 3 . 5 - - -
S ψ ˳ å ˠ B, j .^5f6i5 . -=-. .3+0 2 1 5

. .
. . „ .„. . . . . „ . „ .. .„. . . . .
. . . .. „ . . . .
. . . .
.. .„. . . . . „ „. . . . .
. . . .

/ NU hU‹ hU i @# •€×Q Ø =

hU‹ MhU hUŒPy hUŒP

` #f€ ‡˜ !Â‰ P £@)&PQTN €‡˜†—e• —c Y%˜- 5Q $ 1p Ñ: qñ 2ÌnÒ nÔ ÜnÑ ¬nÓÖÌnÒ3 Xy, r

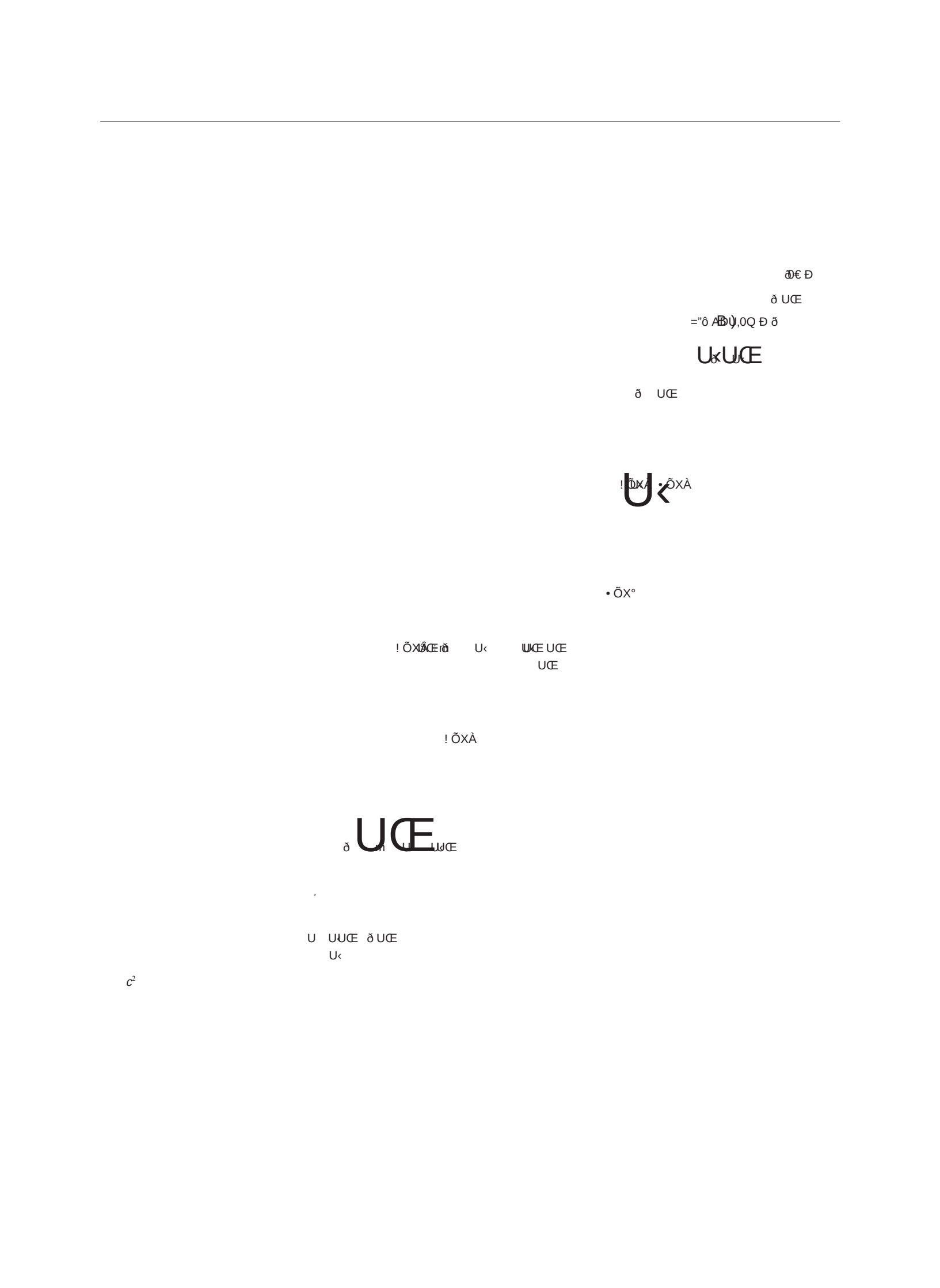


Q ? J2J

ˀA Ẑ ℮ ɦu Ж / - ⱧⱭ 0

ψ . µ ˫ т ˮ ‾ ﻣ Ẑ ℮ 3 / . . - -

ˈ S ψ ↑ ŭ B, j0^3f0i . ± ₴ ₳ ⅃ j



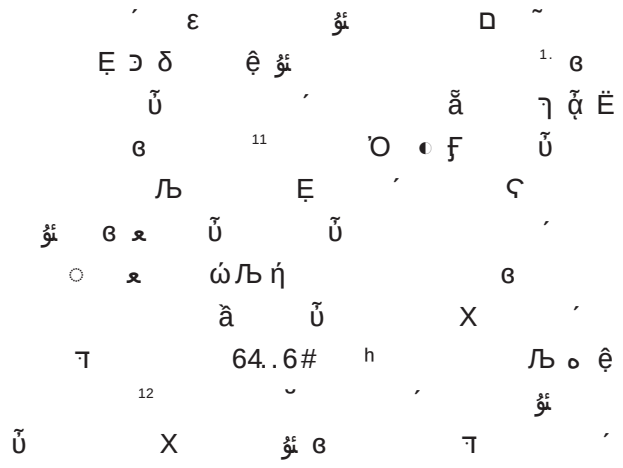
c7_838 > 5=3: 5 6>38 > =:2 ; <2 38 5 <83= 7 ;83< ; <<3: 5 72 36 > :;37 > :

amknsrcpgxcb amelgrgtc pckcbg_rgml rfcp_nw
KCCB 6 ç ´ Ę X ₵ 5 T
ɜ ɜ ě ɜ Ş ɜ
Ş ɜ ʌ y Ѡ ѣ ŭ
1. . ŭ ŭ Ң ´ ŭ
δ ´ KCCB ŭ :5. ŭ ʌ ´
KCCB ŭ 0ѣ. ŭ в
1.2.3 ŭ
Ѻh Ж ɜ
м ʌ δ ε ₵ ɜ ɜ Б ɜ
ɜ в ầ ~
ç Qa_jc dmp rfc Aqqcqqkclr md Nmqgrgtc Qg

1

1.1 h
Љ 2.2. 5 2.23 5
ắ e ┘ 1.3 ʔ ŭ ầ
�details A 0ѧ6 ` ´ ŭ ẴA 5
˚ Љ ´ ѡ ắ в
ẴA ´ ~ ɜ
ъ ´ ´ Ã ` Ę ë ˚
Ѡ ѡ ˬ ʔ Ь Ẋ
ˋ ˆ † в ắ e
┘ к ي ˀ в
1.2
1.2.1
h ɜ ġ ɜ
ỷ ɜ ɜң ỷ в
1.2.2 ´
ầ ~ KARP6CQ Ắ

3





1.2.2 RJ1A

Ӝ ٧ Ḥ ɤ ɕ

٧ RJ1A ĕ Ξ Ḥ ϶ ϐ

1.2.3 ⅞

C⇩16. . . Ã ⅞ Ŭ ѥ ɕ ă ⅞

AJR ȝAQR ȝAJN ȝEER ȝRB⇩J ȝDB⇩J ȝRBA ȝAJB ϐ

Ξ ⇩QM15167 ĂA ⅞ ĕ

ϐ

1.3

QNQQ24. . ψ Ŭ ϐ

ʹ ˊ Ŭ ˝Ω ᵛ

ϐ ↀ ⁻

c

2

2.1 QLN Ꮒ Ŭ

϶ ‴ pq4757462ȝpq55515215ȝ

pq64561.6ȝpq1655335Ꮒ ﻉ ﻡ ﻳ ٧ Ꮒ ﻉ ﻧﺠ

Ŭ σ

2.2 ٧ RJ1A Ŭ

‴ ϶ ٧ RJ1A ﺛﻲ

σ

2.3 QLNﻧﺠ ﻉ Ŭ ﻡ ‴ ⅞ ă Ŭ

å Ë 12.˚ NBC 6 ⅞

AJR ȝAQR ȝAJN ȝEER ȝRB⇩J ȝDB⇩J ȝRBA ȝAJB ϐ

Ẹ X pq4757462٧ pq55515215Ꮒ ˊ˚ ﻧﺠ ﻉ ﻡ ﻳ ↄ

AJR ٧ AQR ﺛﻲ d σ

ě ğ ķ X ę ɷ
Ã ɔ ɐ ă ⊤ e ′
ʒ ɜ . . .

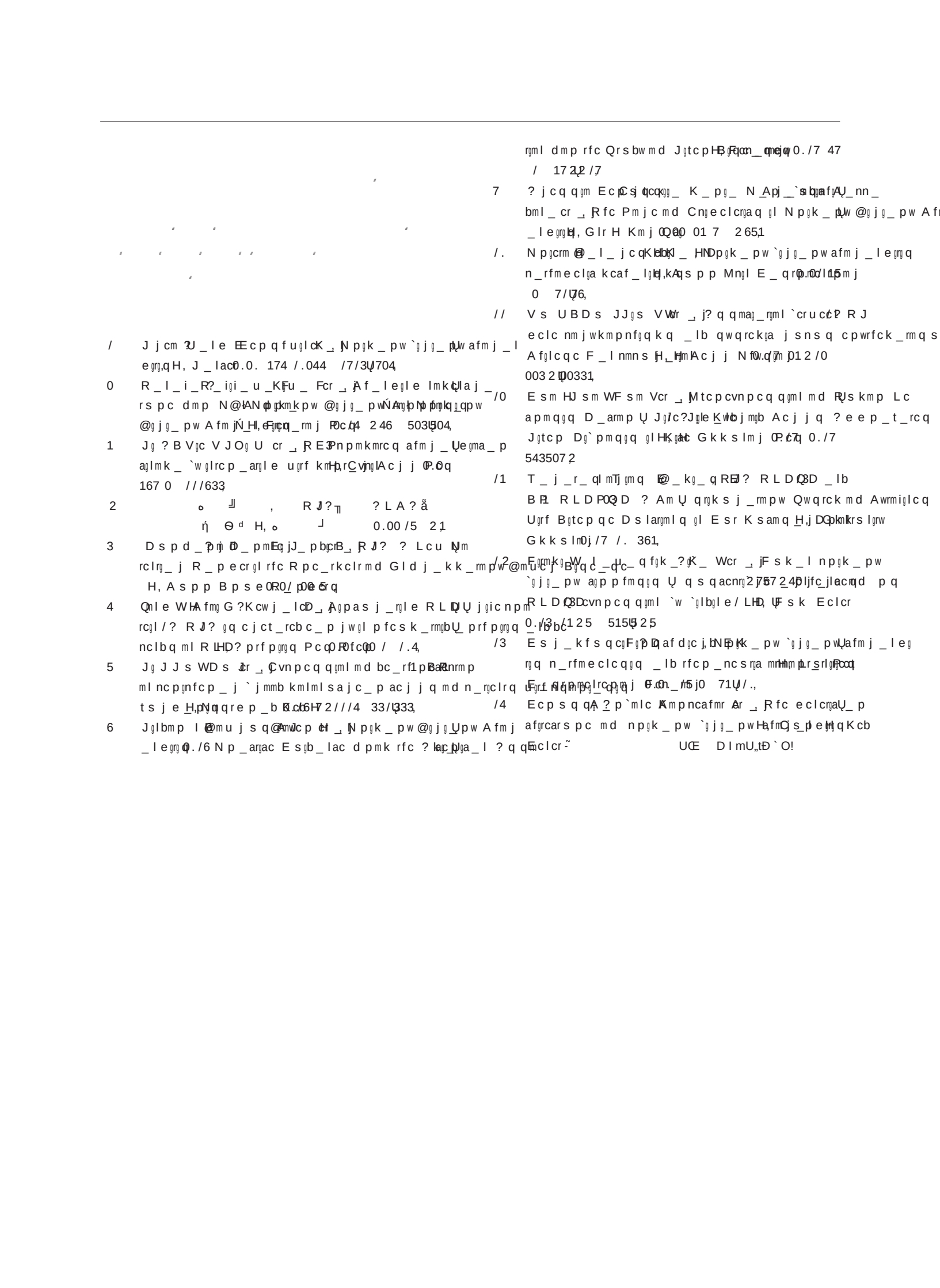
2.4 ヘ RJ1A ″ ⅞ ă ŭ
ʒ ヘ ヘ RJ1A ″ AQR ɜ
AJR ɜAJN ɜEER ヘ RBA \ ă ă .

.

2.5 PMC ç RJ1A
NBC Θ d
ヘ RJ1A NBC PMC
ɔ δ ..636 Љ ҕ Ɔ ɔ

3

. . . ù 1 # e - 4e@Ð P
O›€ `3 B N @ A h Ÿ ц ę U• ªQ• r–$ [à 1M Ê,! ˆ £ , ðÞ˜P Ð*ñ ¸%Ú¾
À ³P`3 * Î -O ..., û5 : 4 Ÿ F ε Ÿ



Q ? ?F K E @ R L DЎЏ

Ï.

?Q ? Q ? ?ɜ @/
F K E @ ɜ ϫ ϧ ЏЎ R L DЎЏ ΅ ă ŏ ϵ ?Q ϰ
ç Θ ᵈ ϭ ˈ 0.0/ / 0.01 /. ם X ˩ Ÿ /30ʔ
?Q ě δ @_rf @?QB?Gŏ ŏ δ ΅
ϭ ɔ ˈ 6.ʔ ă ě δ ϭ N AϏ APNɜQ?ɜ
F K E @ɜR L DЎЏ CQPɜ S? Qnc_pk_ŏl ?Q Q?ɜF K E @ɜ
R L DЎЏ ΅ ă ʅ ě PMAŏ Q?ɜF K E @ɜR L DЎЏʰ ϰ ´
ǯ ?Q X Θ ᵈ ϭ S?ɜAPɜCQɜQ?ɜF K E @ɜR L DЎЏ ϑ Ль
ę σ ،

Q?ɜF K E @ɜR L DЎЏ ˥ ΌQ?ɜF K E @ɜR L DЎЏ ?Q ę
ă ɔ ´ ˘ δ ?Q ϰ ç W ɔ ˛ ϭ
ϫ ϧ

J C H ɜWl? L E R g _ l r g _ l
B c n _ p r k c l r m d P f c s k _ r mVjgmlewv__l lebAGckl krЎ ŋ ŋ jwFnEdqwh gArf_gj2_4 2 . . .

ʾA ϟ ϧ ˈ / - / 0 - 2 . 1 3
ψ . µ S ķ' ʔ ˛ ϖ ϟ S 1 3 1 - - -
S ψ ` B, jw^ef^ik5ŏ5ĭ ŏ^/H3 l j

m Q ? M ╡ X

ê TCED 0.01 1

0.02 1 e ┐ ┐ ă /.0ʔ Q ? M ╡ X ŭ ðm

pA@Ð

Ok Tk Лъ σ

c⁷_537 < 5 m Q ? M ╡ X ˇ Ꞷ

Ó H FGDyȝ

m ╡ X kP1Ų2_ ê

RMLEOg_XIFe?LEOgsvg_

Bcn_prkclrmkdg_ccqsfpmBjNFemqmHjggrc_qj?fmfssAgfgD_143..

c^{7}.

1.3.3 ´

صي E ⫢ X Qa_lbgl_tg_l

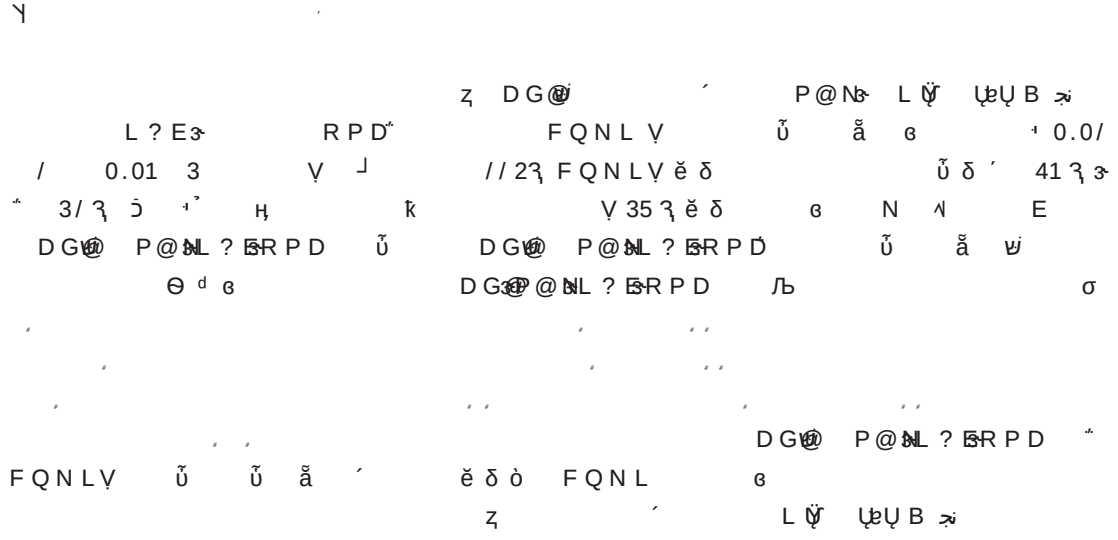
Qrpmic Qa_jcQQQ 5 ὰ

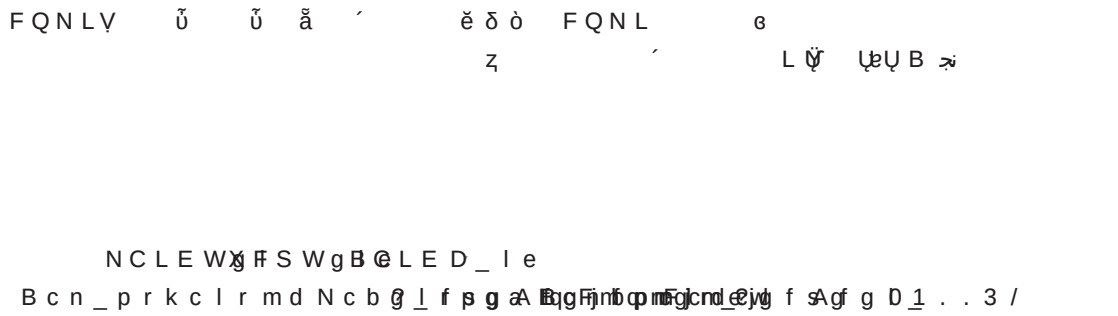
1 N TCED

2 N ′ אַ

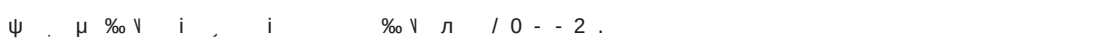
c^2

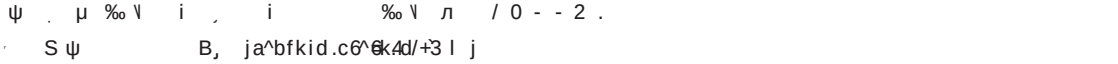
DG@ P@NL ? ERPD



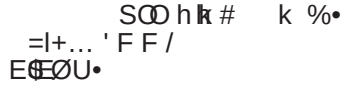












2

2.1 N ή

N ά ɜ- ɜ- ɱ ɜ- ` ɜ-

FQN ` σ

2.4 DGB ϑί PBNɜLAE ɜRPD

Θ d

PMC ΰ DGB ϑί PBNɜ-

LAE ɜRPD ´ ɔ

ASC δ ..73. δ ..633 δ

..66. Љ˜ ∓

3

F Q Nʰ Ꞔ ɜ-ă ɜ- ٨ ي

ɞ F Q N L Ṿ

ꟻ ɞ F Q N ꟻ

ɕ ╖ Ό Ṿ X Љ Ṿ 7,. L Ð

2.2 ´ ˀ ΰ DGB ɜPBNɜLAE ɜ-

RPD

ʷ DGB ɜPBNɜLAE ɜRPD Љ ´

:...5 ɞ 2 ɞ

2.3 DGB ɜPBNɜLAE ɜRPD ʷ FQNL

ΰ ă ΰ ي

Qnc_ɒk_l ă ΰ DGB ɜPBNɜ-

LAE ɜRPD ʷ FQNL ΰ ي \l ă

Ã ˝ ’Ã / - G- . . 0 1 4

ψ . µ

ğ 4Ÿ 3 . . . þnk 15 kgl
BCA h ~
' â jm_bgle `sddcp 76Ÿ ɔ 5 kgl ɕ
QDQ Ų NAEH 4Ÿh
EANDF 1B1. . . . AKNI 1B2 . . . nŲ AKNI1B
1 . . . kRMP 1B5 . . . nŲ kRMP1B2 . . .
RBQR 3 Ï 2 f RBQR 3
'H Ḍ ıє X Ẉ ủ ɞ ɞ
1.3
Npgqk 6.. Ep_nfN_b SQA ψ ủ
Ꝏ ¯

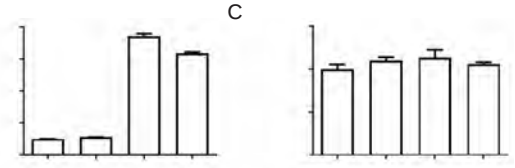
2

2.1 ′ ˀ RLDŲɣ ě AKNI ɔ ⅞
ỷ
′ ˀ RLDŲɣ ị̇ FLEnC ~ . le-kJ
3:1 le-kJ 3:1. le-kJ 3:1.. le-kJ AKNI
ɞ σ ′ ′
′ ′ ′ ′ ′ ′
′ ′
′ ′ ′ ′ ′ ′
′ ′ ′ ′
′ ′ ′ ′ ′ ′ ′ ′

A



B C



? ? KNnlŲ ? KNEl? NBF Ẍ ○ ۵ @ nŲ ? KNI
ɞ ⅞ A ? KNI ɞ ⅞ ɞ
_ ˝ .3-/3-/ . . l e - k J ′ ′
′ ′ ′
۵ / ′ ˀ RLDɣŲ ɕ ~ ? KN3-
nŲ ? KNI
Dgeśp Acmk n _ p g q m l md ? K N I _ l b nŲ ? ḱ K N ɸ n p ṁ r c g l X 3=
c v n p c q q g m l g l l _ q _ j c n g r f c j g _ j a c ⅞ j q ɢ ɯ ɽ r ǵ b ɕ g d ǟ c p ˘ c l r
a m l a c l r p _ r ɣ g m l q md RLDḊŲ 3ɔ ɯ ٧ X

2.2 Ų ɱ ɞ ɔ ⅞ ỷ
˝ ɱ ê RLDŲɣ ˝ ɢJ Ų1ɐ
ي ٦ ẹ σ

A 3 . .
2 . .
1 . .
0 . .
RLDɣŲ 6 .
4 .
2 .
0 .
.
ne-kJ
ɱ

0 . .
/ 6 .
/ 4 .
/ 2 .
/ 0 .
/ . .
RLDɣŲ 3
2
1
0
/
.
ne-kJ
ɱ

2.3 Ų ɱ ë M ỷ
˝ ɕ ɱ
ë M Ḥ σ

2.4 AKNI-kRMP ɒ ~ ğ Ų
ɱ X ɔ ⅞ ỷ
ɱ ˝ AKNI ˝ kRMP ɞ
σ
′ ′ ′ ′ ′ ′
′ ′ ′ ′

3

Ų h ɕ ٧ ٩
Dgeśp Acmk n _ p g q m l md ? K N I _ l b nŲ ? ḱ K N ɸ n p ṁ r c g l X 3=
c v n p c q q g m l g l l _ q _ j c n g r f c j g _ j a c ⅞ j q ɢ ɯ ɽ r ǵ b ɕ g d ǟ c p ˘ c l r
a m l a c l r p _ r ɣ g m l q md RLDḊŲ 3ɔ ɯ ٧ X

A B C D E

A AKNI ɜnỤAKNIɜkRMPɜnỤkRMBEANDF Ÿ ○ ۵ B AKNI ⁷⁄₈ C kRMP ⁷⁄₈ D nỤAKNI ⁷⁄₈ _

۵ 2 U@ ?KNI-kRMP ã

Dgeɜ pCcv npcqqgml md ?KNI-kRMP qgel_jgle n_rfu_w pcj_rcb

ɞ ḭ ɕ

₵ T ⁄ ∧

ך ɕ ´ Ɔ ⁷⁄₈ ɞ

?KNI Ɔ e

⁷ ο ɜ ɜ ³ ɞ nỤ?KNI-

?KNI Ɔ ⁷⁄₈ Ẋ ∧ ي

Ɔ ⁴ nỤ?KNI-?KN̈I Ɔ ⁷⁄₈

ỷ ɕ ي Ɔ ⁷⁄₈ Ȳ ψ

ד ǔ / le-kJ ɣRLDɟỤ nỤ?KNI-

?KNɒ ⁷⁄₈ ɞ RLDɣỤ ʰ ۶

ǔ Ẋ X ã ĕ ε

∓ ầ ∧ ũ

ệ ⁷⁄₈ щ

ɞ ڃ Ë ɕ

ɕ ḭ Ẍ

۶ RLDɣỤ GJ/ɬỤ ⁵ ɞ

M ë Mɜ ɕ

ɯ̇ ã ĕ ɞ ë Mɔ

e G@BɜÃ

Ẋ ´ QGPɅQ ⁷⁄₈ ɞ

ǔ e ệ ʊ ˘ ⁹

X Ạ X ë M ʰ

ḭ X ц ⁶ ɞ ǔ⁷ ο ɜ

ɕ ∧ ∧ X ۶ ḭ

ɕ ∧ ∧ ɕ ~ ⁄ ' ë M

Ë ⁷Ụ ɞ ɕ ך ỗ ۶ ḭ ~

ς Ȯ ⁄ ' ɜë M Ë ⁄⁄ ɞ

?KNI ʰ ' Z -

˘ ĕ δ ε ɳ ∧ Ḥ

Ạ~ ɕ ɜ M ∧ ↀ

ɞ nỤ?KNI ⁷⁄₈ ⁷⁄₈ ¿ ʊ ?

R J ₽ L D ⊰ ⊄ @

σ

K F B ↙ R m j j ╕

м ¸ 2 R J ₽ ⊰ ₰ Ц ₰ @ L D ⊰ ⊄ @ Ї в ǔ 0 . / 7 / 0 . 0 0 / / ⇳ ă ă Ω

┘ / / 6 ╕ K F B ή ´ ˚ Ę ǔ δ

0 T ˜

Љ σ c

% ’ i 0 4 Ã ў ’ 6 @ # 5 ! / 4 4 3 @ Í 4 Ó Ý ” 4 U @ Í U Ğ Ł Ū Œ U ‹ 1 È Ѝ ! ° À @ Ý ; U ‹ 1 &“5Y ’5×›3U˜ù#] À3U˜ý#]*K3U’‹25Ò ƒU’ 4

ж ˝ ┯ ѽ / - / ⊕ - 4 1 - / - - . .

ě ∓ Ч ă ă Ω ┘ ę ă / 0 4 - - -

ˊ ◘ ě B ¸ j . ^ 1 f 4 i 6 - . = 6 . - 3 + 0 ⊣ ¡

U• U• 1 UŒ !f5 # UŒ U•

#、pəH ⅎ、ɜ、

1.3.2 N ´

2.4 N RJP4ɜLDЏBB

N ѽ RJP4ɜLDЏBB kPLA

σ

2 N R J P2ɜL D4ɷ –

–

2.5 N ´ Ӂ

´ ´ Ӂ Ͳ δ 6..6#

4-66 ´ Ӂ Ͳ δ 3.65# 2-52 N

´ Ӂ Ͳ σ

в ѧ ´ ' Ë

X ℼ ɜ ẽ ɜώ ⊣

ɜ å ę ƥ ɜ υ

ɜ å δ. ↀ ℼ θ

в ˘ ɜ ɔ ɷ

⅞ ė ɜώ ę

ɬ å δ в ė

⅞ ´ δ Ɋ в ɜ

δ Ƒ ɜė ⅞ ∧ в ´

ę ƥ ɜ ɜ ´ ´ K F B в

ў /2 ?

ɜ

/ Ң

3

K F B

Ж̌ ˘ Ͳ Ͳ

Ό ˘ ɱ Ӧ ´ ɔ Ξ ˘ ○ ẇ

⊣ ѧ ẇ /1 в /0 ˝

ǵ h c Ң K F B ɱ ệ

⅞ ˀ Ċ Ӂ ǵ Ė

´ I ψ Ϛ ї в

X ˝ Ę ε

δ B ↀ П ´

ỗ ˵ ў Ό щ Ң

˵ ч υ /1 в Ж ˝

∓ Ƒ ш ǵ ´ X ⌟ Ċ

X ⌟ ´ ǵ ή X ϩ ǫ̃ ă в X ⌟

ﻡ ↀɬ Ę Ń ʐ Ѿ Љ

K F B ´ p ƥ Ƒ

/ 7 0 Ψ/ ? J G N J P

ˀA ‰ \ : в Ϟ ̈Ω ЖK Z Ƒ⁄ > E T⁄G- /..1 6
ψ . µ .+ — Ϟ¸ ‰ \ — / 1 2 - - -
/-‰ \ ´ ‰ \ л / 0 - - / /
S ψ ε B¸ j .^2f / i2 2 6=5. 23+00 j

1

1.1

2.2. 1 2.23 1. Љ

ά δ

ǎ 15. Ʒ в â Ѓ

δ ` ή Љ

16 Ή ´ в Ѓ ´ Ę ё

` ´ ɜ

2 Ɨ Ғ Ή в X ǎ â 75 Ʒ

53 Ʒ 1 16

/ ´ RLKŭ AWDP0?ų3? J3NJP

0 ĩ ~ ∓ ŭ –

2.2 ĩ ~ ∓ ŭ

Ḍ ~ ỷ Ɱ Ɛ

0ƀ. # Ơ 4 ^ Ƈ c 3Ơ Ơ δ

Ɱ Ɛ :5. # Ɱ 3Ơ

δ ŭ δ 76 Ɂ Ɱ 54 Ɂ N

3 ` 3 ` 3 ą

ψ σ

2.3 ~ ´ Jmeŋqrŋa ŭ

2 X

2.4 NJP3AJ6 ´ CWDPA21ų1 ç

~ ´ PMC

CWDPA21ų13NJP3AJ6 ´

h c²

6218 ;

73; 62

737 < 7

535 5 6

>36 5 8

:3= 5 >

RLKŭ ; |´ 6868

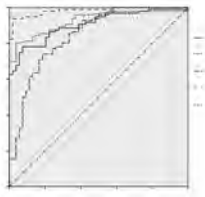
|A

NJP 637 < 7

?JG =3> ; ;

AWDP0?ų/ le-kJ 6865 > 5

~ ´ ɔ δ ..762 ψ Ль ∓h



ɑ / N3-?PJG´ AWDP0?ų/ ç ~

´ PMA

Dgeɨ spPdMA asptc md NJP _lb ?JG am

AWDP0?ų/ rm ct_js_rc nmmp npmelmqg

jsle a_lacp

1 ~ ´ ɜ Jmegɛqrŭga

R_`1jɨKsjrgt_pg_rc Jmeggqrga pcepcqqgml _l_jwqgq md nmmp

c² :3< 5 :

83; 5 >

:3< 5 =

:3= ; :

;3828

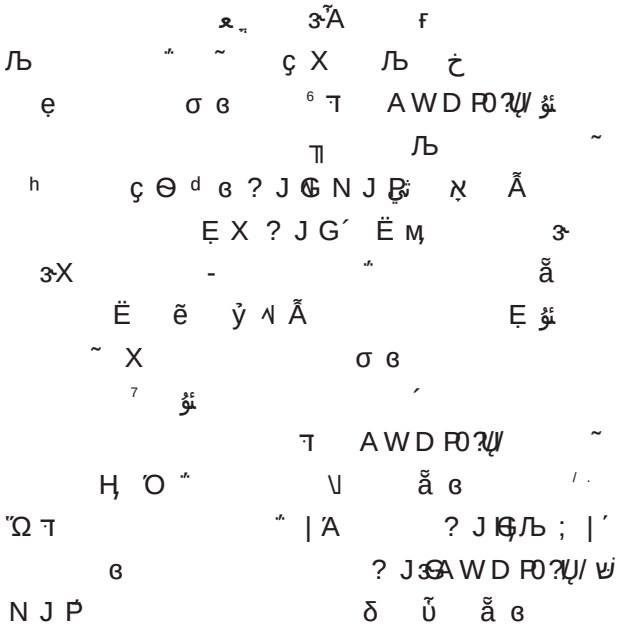
;3; 8 ;

2 N3-?PJG´ AWDP0?ų/ ç ~ ´ PMA

R_`2jɛPMA af_p_arcpgqrgaq md NJPƟų/_lmb ?ŭGjsa_mkcˆgnmmbpungpmeAWDP0? gl

ą	d		#	#	78AG	?SA
NJP	/41,14	.,5.5	56/	704	.,63|6,73/	.,7.2
?JG	22,/	.,333	52,	6,3	.,55|7,7/1	.,624
AWDP0?ų/	52,7 le-kJ	.,543	60,0	741	.,66|2,745	.,704
JBF)Q??/)3GJŲ		.,7/7	716	76/	.,74|4,777	.,760

3



G J6ǪN A R

f q Ǫ A P N

ف ٠ Ķ ⁄ ٠

A N F B A Q Ų] Ų

˜A ‰ ∖ : в ↖ ¨Ω > E T⁄G- /-.1 1
ψ . µ .+ ` ķ' ¸ ¸ ﻙ ‰ ∖ ` / 0 2 - - -
/+ ` ķ' ¸ ¸ ¸ ' ‰ ∖ ` / 0 2 - - -
S ψ Ψ B¸ j ⁄5 ⁋2 ⅈ4 3 /=-n.ℏ/ l. j

. . …. . . . . . . „ . . . . . .

2.3 N ′ ˀ KKN2 ɜRKN1 ∧ TEED

ŭ

N KKN2 ɜRKN1 ɜ- ′ ′ ′

ẇ П Ѝ ĕ ′ ′ ′

σ ′ ′

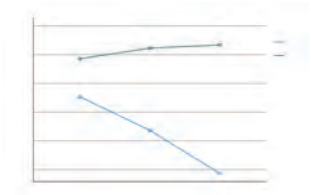
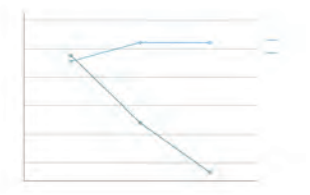
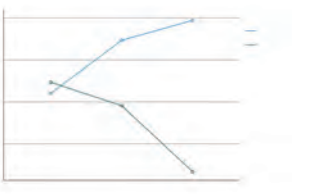
1 N ˜Ω ′ ɜ- ẇ˜Ω ′ –

–

c² 3

2 N ′ ˀ KKN0ɜRKN∧ TCED ∓ ŭ –

–

ѧ / N ′ ˀ KKN0 RKN∧ TCED ẇ ợ П Ѝ ĕ

D g e ś pRcf c g l r c p _ a r g m l0 _RlKńN _j lcbt cTjQqEDnd_ KKlNg d d c p c l r r g k c n m g l r q

2.4 N 3T ɜ6T ę ỷ

′ 3T ⊣ ẇ ⊣ ɜ6T

ي Ң Љ σ

4 N

′ ′ ′ ′ ′ ′ ′ ′ ′ ′ ′

ŭ — —

′ ′

3

⊣ 5 b ˜Ω ш

2 4ƃ# B D M ′ ˝Ą

c²

/ ^ ȳ ,
H, X ╝ ℨ Ω ₭ 0./7 0/ 5 414Ų4 2 ,.

0 ℨ Ω ƕ , ´ ´ ή
ẇ ĩ ᵴ ŏ H, X ╝ ‴
0.00 14 4 4. 24.5,

1 E _ p pcrrEKp _ w ŒQ _ ˩ Ƥ sbgr m d bg _ `crc q Ų p c j _Ųcb j m u c p cv
r p c k g r w _ k n s r _ r g m l q g l r f c L m p r f c p l P c e g m l m d L c u X c _ j
0./1Ų0./4, H, L c u X c _ j _ l b ₭ 0 0 2 H 376 5 2 Ø2

2 - , ο ě _
ℨ Ω ´ ╦ H, ȝ ȝ ȝ n 0./7
0. 2 0.5Ų007

3 ' ă ɣ ˙ , ♣ ´
ℨ Ω ή H, ή
0.00 1. 0 /67Ų70,

4 Ă ℨ Ω ȳ , ȝ ᵴ ℨ Ω ℊ
X H, ┘ 0.0/ 3. 6 /33Ų
/35)/4/,

5 ˩ ╝ E , ~
ᴛ H, X ο ή 0.0/ 04
7 5/6Ų5/7,

6 , T Q B ´ p ` Ų ` D E D U _ e D c p
H, ή ┘ 0.0 2 2 25 17Ų2 /

7 Æ Ḱ Å ' , ή ıє ´ ^
ℊ Ь ℨ Ω ת X H,
ℨ Ω ₭ 0.0. 00 /. 565Ų57.

/. , Q N Q Q ŏ ц H,
┘ 0.0/ 13 7 7 . . Ų7.3,

// Wm l e CEm l e FJ g c u Fcr ˩ Ecrr g l e _ Dmmrfmjb ŧ Ų l B g _
` cr g a Dmmr B g q c _ q c



*%‰DN ` ‰ ˇ `α mx̆ = _ m ∧ 2

ˆA ‰ ∧ : в ∨˙Ω > E T G

c^7 .

1 ಸ ಕ ಔ ಕಿ K K ~ ○ ಸ

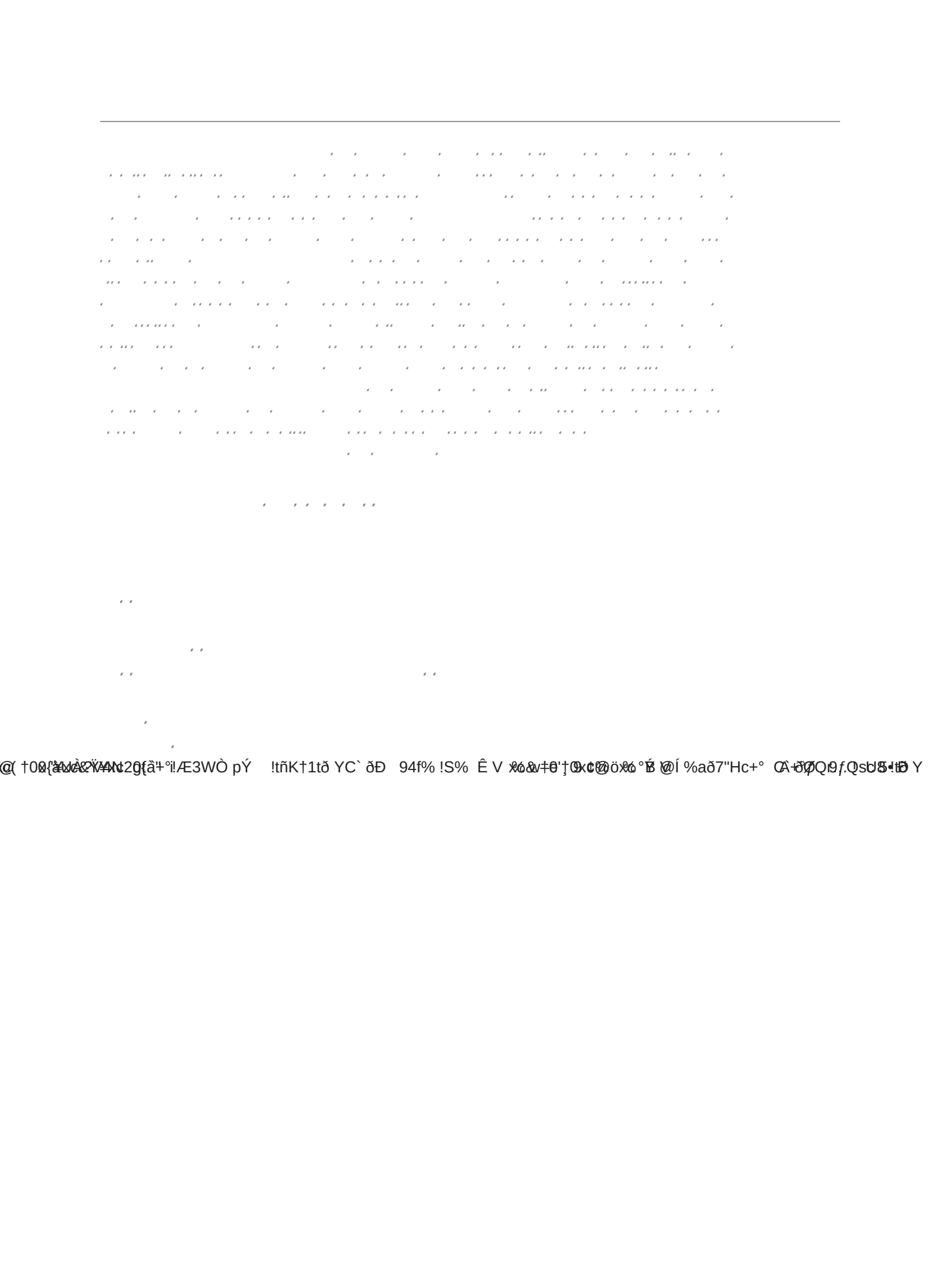
R _ `1j ₹ K s j r g t _ p g _ r c p c e p c q q g m l _ l _ j w q g q m d g l b c n c l b c l r p g q i

. . . . .

0 0 o ಹಾ . l o' ' ' M

%R @S6 @%T

F G DyѰ



/ NAP Ω

R_ `/j NAP npgkcp qcosclac

c^{7}

2 ɞ

1 N j l a P L ?/ɜ FNGTDRU

0 N h

CKq

c^{2} 4

ð3 áP =”’ ŦāTG'ðaTG :+ P =”’ <aTG ÒaTG Ü áP =” #Æ r-& qF % qF4Ùr!S qF

3

C K q ʰ ę ⊣ Ό ΐ̈ μ
΄ ∤ δ T
ض ⁶ в C K ϕ Ą x δ
ع ΄ в C K ϕ́ ω ę μ
μ Ϣ β Ό ⁷ в ĕ δ C K q
Ã ﷺ Ω ƙ ɜ ⁄ · в ع
C K q ⊣ Ą ˘
C K q ę σ в

N B I

~ , / /

Ό A F D ϟ 1Ų ˛ / N B / ˚
Ẋ ǎ ẅ ή σ ʁ 0.00 1 0.02 1 ˩ /6. Ɂ A F D
ĕ δ A F D ⊨ Ƃ L W F ?Ű ´ ϟ ˚ Ä ˋ
ƀ̈ p ɱ //.˙ p e ĕ δ ʁ ϟ . . . .
. . . .
. . AFD ϟ
. . . .
. . . . .
. . . .
. . . . . AFD ϟ
.
Ό 1Ų ˛ / Ẋ

Ă Ẑ ᵽ : в ϒ Ǫ ᵟ Y Ж Ă Ж / ⱥ A . 5
ψ . µ .ᕮ ˏ ϶ Ő Ẑ ᵽ Ƥ 3 . - - 0 -
/ᕮ ᶊ Ő Ẑ ᵽ Ƥ 3 . - - - -
Sψ ᴳ ᴛ B, jU^ff^ik d ` e ⊨k ⊕ Ð ᴧ j

2.3 ò d

Љ ɜ- ɜ- ʌ ε

ў ʐ ɱ ò d ʌ

ò d ˘ ~ T ў ʐ

ɱ Ã ʐ ɱ

ɻ 7 ɞ

ò d Ẅ ű ~ T ʐ

ɱ E ɜ ـيم ɞ ـيم ɞ ـنج Љ ـ

h ò Ӱ

Ӱ ò d ɞ ǫ̃

Ө e ή ʹ

`˜Faô…P U@ p Ö;¶aò¯ 6 Ëf Øb¤±H `Ð Y B ELJE Sp 4 U €1x ‘ UÀAt ƒò1pÐ € P

/ A f _ p j cA fW Qrctcl ?cr _ , K j j cp A j l a _ j k cr _ e c l m k
a q H, L _ r s p c P ct cu q E 0 l c 7 a 0 3 1 2 0 133,
0 K j j cQ rctc cr _ , jJ _ `m p _ r m p w t _ j b _ r m l m d _ a j l a _ j
k cr _ e c l m k a q co s c la l e _ q q _ w d m p n _ r f m e l d l b crca m l l ac p c
` p m q n l _ j H d, E s b k c P c q c _ Op a 7 07 3 61/ 2 0 U‹
1 q X ╝ ķ ħ ∨ ƃ X ο ⁂ Ï ў
z, м, ń ´l å H, X ╝ ķ
0.0. 16 // 46/ 467,
2 q X ╝ ○ ┘ ħ ∨ ƃ ⁂
ğ X X ń ´l å ʰ H, X ╝
○ ┘ 0.0. 10 3 31/ 314,
3 q X ╝ ┘ ħ ∨ ƃ X ╝ ┘ ƃ ┘ ŭ
ƃ , ⁂ z, ń
⅞ ´l å H, X ╝ ┘ 0.0. 21/0
//6/ /73,
4 E m b b _ a p c d _ , j _ p c d c p c l a c t p _ j P T _ B @ ` _ q c U‹ð

3 FQD15B6 ê Ũ

3.1 FQD15B6 ش nmjwawqrga

mt_pg_l qwlbpmkdNCMQ

NCMQ h ê Ũ ã

Ẹ C

Ω ^

BCM Ũ 5B Ẓ! C ^ ^ 6

D

N ʒ D B ʎ

N 15BŨ Ẓ D ^ 6

ش ^ ^ 6

ɒ ɲ Ό β 1 ə ^

B Ẓ ɲ n 5 n n Ω ɒ p ʎ

Ũ = B Ẓ

_ Ũ ΌÞ Ẇ 6 15B Ẓ ж ^

4.3 FQD15B6 ‟ NC_

FQD15B6 ⁋ NC_X ε Ĩ DFR ў

ҭ ě ʁ

U•Ʉ• 4PÐ J %ñ)H-55 U• 1)$4B% #U••#

6