

G\Y```ghUfhYh']bbcj Uh]j Y GWXbY```UXYdib_hY`]b`6Yf`]b`ibX 6fUbXYbVif[°



A U\`ck Yf`GhfU» Yž`%() %' `HY`hck ž`8 Yi hgW\`Ub X`! `5a `%) "`¬¾`]
&\$&) `\Uh`G\Y```]b`8 Yi hgW\`Ub X`Y]bYb`_fÀZh][Yb`GW\f]hh`]b`F]W\hi b[
Ni _i bZh`[Ya UW\h` +bg[YgUa h`' & bYi Y`GW\bY```UXYdi b_hY`k i fXYb
]b`6Yf`]b`i bX`6fUbXYbVi f[`]b`6Yhf]YV`[Ybca a Yb"`8]YgY`+b]h]Uh]j Y
Zc`[h`XYa `HfYbX`ni f`9`Y_hfca cV]`]h\hž`X]Y`U`g`k]W\h][Yf`6Ui ghY]b
ZØf`X]Y`9bYf[]Yk YbXY`Ub[YgY\Yb`k]fX"`8]Y`bYi Yb`@UXYdi b_hYž
j cfbY\a `]W\`X]Y`<mdYfW\Uf[Yf`< M7'%) \$`j cb`5`d]hfcb]W\v\]YhYb
Y]bY`a Ul]a U`Y`@UXY`Y]ghi b['j cb'%) \$`_K "`5b`nk Y]`GhUbXcfhYb
_ca a Yb`gc[Uf`X]Y``Y]ghi b[gghUf_Yb`< M7' \$\$`ni a `9]bgUhnž`X]Y`V]g
ni ``\$\$`_K `VYfY]hghY``Yb`_ObbYb"`8 Ua]h`k]fX`XYb`Bi hmYfb`Y]bY
nØ[][Y`i bX`YZZ]n]YbhY`5i ZUXi b[']\fYf`9`Y_hfcZU\fnYi [Y`[YVchYbž

k UgʻUi W\`ni fʻI bUV\ \dot{A} b[][_Y]hʻj cbʻZcgg]`Ybʻ9bYf[]Yhf \dot{A} [Yfb VY]hf \dot{A} [hž'k]YʻL dYfhʻ8][]hU`ʻVYf]W\hYh"

6YgcbXYfg'\Yfj cfni \YVYb'g]bX'nk Y]'< M7' \$\$!GW\bY'``UXYgÀi `Ybž X]Y'Ub'XYf'G\Y'`!HUb_ghY``Y'Ua '?U]gYfXUa a ']b'6Yf`]b']bghU``]Yfh k i fXYb"'9]b'k Y]hYfYg'9! Ya d`Uf'X]YgYf'`Y]ghi b[gghUf_Yb @UXYgÀi `Y'ghY\h'Ub'XYf'FYk Y!:]`]U`Y'Ua '6i W_ck Yf'8Ua a "'8cfh Z]bXYb'g]W\'ni gÀm`]W\'nk Y]'< M7%) \$!@UXYgÀi `Yb"'8]Y'FYk Y!:]`]U`Y |b'XYf'9a a YbhU`Yf'GhfU» Y'j YfZØ[h'gc[Uf'ØVYf'XfY] < M7%) \$!GW\bY```UXYfž'k À\fYbX'Ub'k Y]hYfYb'GhUbXcfhYb']b'XYf 5i YfVUW\ghfU» Yž'GW\bY``YfghfU» Y'i bX'FUi W\ghfU» Y'Yk Y]`g'nk Y] < M7%) \$!@UXYf'VYfY]hghY\Yb"'5i W\']b'HY`hck ž'6fUbXYbVi f[ž k i fXY'Y]bY'bYi Y'@UXYgÀi `Y'Ub'XYf'FYk Y!:]`]U`Y']b'XYf'A U\`ck Yf GhfU» Y']bghU``]Yfh"

8 mb Ua]gWX Y DfY]ga c XY``Y ZØf XUg @UXYb

9]b k Y]hYfYg gd UbbYb XYg 9 Ya Ybh]b X]YgYf B Yi YfÒZZbi b[']gh X]Y 9]b ZØ\fi b['j c b Xmb Ua]gW\Yb 'DfY]gYb 'ZØf 'X Ug 'GW\ bY ``` UXYb \check{z} X]Y G\Y`` Ua '' \$"'\$ b] '&\$ &) ']b Y]b Ya 'D] `chd fc Y_h [YghUfhYh \ Uh" 8]Yg]gh 'X Ug 'YfghY 'gY]b Yf '5 fh ']a 'ÒZZYbh`]W\Yb '@UXYbYhn ']b '8 Yi hgW\`Ub X" 8]Y 'DfY]gY 'Ub 'XYb '@UXYgÀi `Yb 'k YfXYb 'ZYI]VY` 'i b X 'f]W\hYb 'g]W\b UW\X' XYb 'U_hi Y``Yb 'Ghfca VÒfgYbd fY]gYb \check{z} 'k]Y '; c]b['9`Y Whf]W Yf_`Àfh" '8 UXi fW\' _ObbYb 'X]Y 'HUf]ZY 'Y 'b UW\X' HU[YgnY]h 'i b X Ghfca Ub[YVch'gW\k Ub_Yb ' 'ni '< c W\nY]hYb 'a]h 'j]Y` 'YfbYi YfVUfYf 9bYf[]Y 'g]b_Yb 'X]Y 'DfY]gY \check{z} 'k $\grave{\lambda}$ \fYb X 'Y]bY '\c\Y' B YhnVY` Ughi b[X]YgY ']b 'X]Y '< $\grave{\lambda}$ \Y'hfY]Vh"

8]YFc``YXYf@UXY]bZfUghfi_hif

8 c W Y 'U i W X | Y Y Y Y Y Z Z [V U f _ Y] h i b X X] Y E i U `] h A h X Y f @UXY] b Z f U g h f i f 'g] b X Y b h g W X Y] X Y b X Z Z f ' X Y b '9 f Z c ` [' X Y f 9 ` Y _ h f ca c V] `] h A h `] b ' 8 Y i h g W ` U b X ž ' k] Y ' X] Y ' G h i X] Y ' j c b ' L d Y f h 8] [] h U ` i b h Y f g h f Y] W h ' ' 8] Y ' 9 ` Y _ h f ca c V] `] h A h ` g d] Y ` h ' Y] b Y ` n Y b h f U ` Y F c ` ` Y '] a '? `] a U g W i h n ` i b X ' n i f ` F Y X i _ h] c b ' X Y f ' 5 V \ A b [] [_ Y] h ' j c b Z c g g] ` Y b ' 6 f Y b b g h c Z Z Y b " 8 Y b b c W ` V ` Y] V h ' X] Y ' ² _ c V] ` U b n ' j c b 9 ` Y _ h f c U i h c g ` U V \ A b [] [' j c b ' X Y f ' 9 b Y f [] Y e i Y ` ` Y " ' 8 U \ Y f '] g h ` X Y f 5 i g V U i ' j c b ' @U X Y d i b _ h Y b ' i b Y f ` A g g `] W X ž i a ' Y] b Y ' V f Y] h Y f Y 5 _ n Y d h U b n ' n i ' g W U Z Z Y b "

8]Y'bYi Yb'\(\phi\)]h]Uh]j Yb'j cb'G\Y``nY][Yb\Z\Ugg'Yg'_Y]bY'NY]h'ni
j Yf']YfYb'[]Vh"A]h'`Y]ghi b[gghUf_Yb'@UXYdi b_hYb'i bX'Y]bYa
ZYI]V`Yb'DfY]ga cXY``'k]fX'XYf'Ni [Ub['ni f'9`Y_hfca cV]`]h\(\hat{h}\tib)]W\(\hat{h}\tib)]W\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]U\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]U\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]V\(\hat{h}\tib)]U\(\hat{h}\tib)]

8 Y hU]`g	
Cfh	AUN`ckYf'GhfU»Yž'%()%''HY`hckž
	8 Yi hgWX`UbX
EiY``Yb	• kkk"Y`YWhf]jY"bYh
	• kkk"[c]b[Y`YWhf]W"XY
	• dYfh"X][]hU`

6 Ygi W Yb G Y i bg Ui Z b! U ["b Yh