

?]bc! <][\ `][\ hg `]b `C ZZY b V U W . `8]Y g Y :]`a Y ``Ui ZY b `\ Yi hY °

9fZU\fYb'G]Y'U``Yg'ØVYf'XUg'U_hi Y``Y'?]bcdfc[fUa a ']b C ZZYbVUW\'Ua 'A U]b'Ua '%&"\$*"&\$&) \check{z} Y]bgW\`]Y \rangle `]W\ <][\`][\hg'i bX'Gd]Y`nY]hYb"



C ZZY b V U W 'Ua 'A U]b ž 8 Y i hg W `Ub X '! ' ⊕ 'C ZZY b V U W 'Ua 'A U]b ']gh \ Y i hY ž Ua '% "\$ * " & \$ &) ž 'X] Y '?] b c k Y `h ']b 'j c ``Ya '; Ub [Y " A]h' ' \$ [Y n Y] [hY b ':]`a Y b 'i b X 'n U \ `f Y] W Y b 'J c fgh Y ``i b [Y b 'V] Y h Y h X] Y 'G h U X h ZØf 'Y X Y b '; Y g W a U W Y h k U g " J c b ': Ua] `] Y b Z]`a Y b 'V] g `\] b 'n i d U W Y b X Y b '5 Wh] c b h \ f] ``Y f b ' X U g 'D f c [f Ua a 'V `Y] V h U V k Y W g `i b [g f Y] W 'i b X 'g d U b b Y b X " 8 Y f ', V Y f V `] W 'ØV Y f 'X] Y U _h Y ``Y b ':]`a Y 'i b X `G d] Y `n Y] h Y b ' _Ub b 'n i a '6 Y] g d] Y ``U i Z 'b Y k g "X Y Y] b [Y g Y \ Y b ' k Y f X Y b "

 $5i \ Yf]fX]gWXYbž'X]Y'ni gUa a Yb']\fY': Ua]`]Y'fYhhYb'k c``Yb"'8]Y FY[]Y'ØVYfbU\a '8YUb': `Y]gWXYf'7Ua dž'i bX'X]Y'< Ui dhXUfghY``Yf g]bX'A U]U'?YU`c\U'i bX'GmXbYm'9`]nYVYh\'5[i Xcb[ž'i a 'bi f'Y]b][Y ni 'bYbbYb"'A]h'Y]bYf'5`hYfgZfY][UVY'UV'*'\\\\fYb']gh'XYf':]`a ']XYU` ZØf'X]Y'[UbnY': Ua]`]Y"$

5Wh]cbibX5VYbhYiYfZØf3b[ibX5h

: Øf`X]Y`9fk UWkgYbYb`[]Vh`Yg`": fca `h\Y`K cf`X`cZ`£\b`K]W_.
6U``Yf]bU~"`8]YgYf`:]`a `YfnÀ\`h`X]Y`; YgWk]WkhY`j cb`9j Y`A UWUffcž
X]Y`Ui Z`FUWkY`g]bbhž'bUWkXYa `]\fY`: Ua]`]Y`Yfa cfXYh`k i fXY"`9f
]gh`a]h`Y]bYf`5`hYfgZfY][UVY`UV`%, `≯J\fYb`j YfgY\Yb`i bX`Vf]b[h
GdUbbi b[i bX`5Wh]cb`Ui Z`X]Y`@Y]bk UbX"

BYVYb'X]YgYb'[fc»Ufh][Yb':]'a Yb'k YfXYb'Ui W.'?]bXYfZ]'a Y
[YnY][hžX]Y']b'CZZYbVUW.'\cW.']a '?i fg'ghY\Yb"8Yf':]'a '" 9]b
A]bYWfUZh:]'a ~'VYZUggh'g]W.'a]h'XYb'5VYbhYi Yfb'j cb'; UffYhhž
<Ybfmž'BUhU`]Y'i bX'8Uk bž'X]Y'Xi fW.'Y]b'[Y\Y]a b]gj c``Yg'DcfhU``]b
X]Y'CVYfk Y`h'j cb'A]bYWfUZh'[Ync[Yb'k YfXYb"'+b'X]YgYf
ZUbhUgh]gW.Ybž'k ØfZY`ZÒfa][Yb'K Y`h'a ØggYb'g]Y'g]W.'[Y[Yb
VÒgUfh][Y'K YgYb'k]Y'D][`]bg'i bX'Nca V]Yg'VY\Ui dhYbž'k À\fYbX
g]Y'i bhYfghØhnYbXY'<]'ZY'j cb'GhYj Yž'Y]bYa 'YfZU\fYbYb' 7fUZhYf ž
Yf\U`hYb"'8]YgY'; YgW.]W.hY'`]YVÀi [Y`h'a]h'k]W.h][Yb'K YfhYb'k]Y
A i h'i bX'?fYUh]j]hÀhž'X]Y'Ui W.']a 'YW.hYb'@YVYb'j cb'6YXYi hi b[
q]bX/aY\f'XUni ']gh'Ui Z'_]bc!nY]h"XY'ni 'Z]bXYb"

J]Y`ZU`h']a '?]bcdfc[fUa a

CZZYbVUW\g'?]bcg'V]YhYb'Y]b'VfY]hYg'GdY_hfi a 'Ub'JcfZØ\fi b[Yb"8]Y': [`a Y'`Ui ZYb'b]W\h'bi f']a '7]bYdUf_'cXYf'?]bcdc`]g'<UbUi ž

gcbXYfb'Ui W\']b'k Y]hYfYb'?]bcg'k]Y'XYa'7]bYGhUf' 'A Yhfcdc`]g i bX'XYa'8F \equiv 9' \equiv 5i hc_]bc': fUb_Zi fh'; fUj YbVfi W\"'Gc'k]fX [Yk À\f`Y]ghYhž'XUgg'k]f_`]W\'YXYf'?]bc`]YV\UVYf'Ui Z'gY]bY'?cghYb_ca a h"'6Y]gd]Y`\UZhY'Gd]Y`nY]hYb']a'7]bYdUf_'g]bX'Yhk U.

- 8fUW\Ybn\\\a\Yb'`\Y]W\h'[Ya\UW\h'f\\\\$\\) \E'i a '%+.\$\$'i bX \\ \&\$.\$\$
- @`c'/ 'Gh]hWX 'i a '%+.\$\$
- : fca 'h\Y'K cf`X'cZ'x&\b'K]_.'6U\`\Yf]bU'i a '&\$.\$\$

K]Y'X]Y':]`a ZÒfXYfi b[gUbghU`h'VYf]W\hYhž']gh'XYf'XYi hgW\Y
:]`a !'i bX'?]bca Uf_h'bUW\'k]Y'j cf'XmbUa]gW\"'9g'ghY\Yb
fY[Y`a À»]['U_hi Y``Y'A Uf_hXUhYb'ni f'JYfZØ[i b[ž'X]Y'XYb
?]bcVYgi W\ž'l a gUhn'i bX'XUg'U``[Ya Y]bY'Ni gW\Ui Yfj Yf\U`hYb
i bhYf'X]Y'@ dY'bY\a Yb"'Gc'V`Y]Vh'XYf'?]bcVYgi W\'ZØf'X]Y
C ZZYbVUW\Yf'b]W\h'bi f'i bhYf\U`hgUa ž'gcbXYfb'Ui W\'Y]bY'k]W\h][Y
_i `hi fY``Y'GÀi `Y'XYf'FY[]cb"

Ni gUa a Yb[YZUggh``Àggh`g]W\`gU[Ybž`XUgg`XUg`?]bcdfc[fUa a `]b CZZYbVUW\`\Yi hY`Y]bY`Vi bhY`A]gW\i b[`Ui g`I bhYf\U`hi b[`i bX 5VYbhYi Yf`V]YhYh"`CV`a]h`XYf`: Ua]`]Y`cXYf`: fYi bXYbž`\]Yf`Z]bXYh YXYf`gY]bYb`dUggYbXYb`:]`a *`I bX`XUg`6YghY`XUfUb.`8Ug Dfc[fUa a `k]fX`gh\AbX][`U_hi U`]g]Yfh\z`gcXUgg`Yg`g]W\``c\bh\z fY[Y`a \A`)[`Y]bYb`6`]W_`]b`X]Y`?]bcg`ni `kYfZYb"

8 Y hU]`g	
Cfh	CZZYbVUWX 'Ua 'AU]bž'8Yi hgWX`UbX
EiY``Yb	• k k k "bYk g"XY
	• k k k "_]bc!nY]h"XY
	• k k k "ZZU"XY

6Ygi WXYb G]Y i bg Ui Z bU[!\YggYb"XY