

%\$" 'H\YUhYfgca a Yf']b' < cfV.
9]bn][Ufh][Yg'GdY_hU_Y`Ui Z'XYa
A Uf_hd`Uhn°

9f'YVYb'G]Y'XYb'%" 'H\YUhYfgca a Yf']b' < cfV'a]h' 8 Ug'@]YX
j cb'XYf'9fXY 'Ua ' & (" / Ua d / &) "'5i [i gh" < i a cfj c`Yg
: fY]i Zh\YUhYf'j ca '7\Ua UY'Ycb'9bgYa V`Y"

⊕'XYf'a U`Yf]gWYb'GhUXh' < cfV'ghY\h']b'X]YgYa 'Gca a Yf'XUg
ZUgn]b]YfYbXY'9bgYa V`Y'7\Ua UY'Ycb'H\YUhYfk Y'hYb'ja
F Ua dYb`]Wħ'XU'Yg'a]h'gY]bYa '%" 'H\YUhYfgca a Yf'Y]b
VYa Yf_Ybgk YfhYg'9j Yb'h'dfÅgYb]Yfh"8]Y'YfghY'5i ZZØ\fi b['Z]bXYh
Ua 'K cWYbYbXY'j ca ' & (" i bX' &) "'5i [i gh'ghUħž'Yk Y]g'i a '%-
l \f'Ui Z'XYa '\]ghcf]gWYb'A Uf_hd`Uhn"

9]b' GhØW_ 'a]h'\]ghcf]gWY a '9fVY

8 Ug'9fØZZbi b[ggd]Y` 8 Ug'@]YX'j cb'XYf'9fXY 'VUg]Yfh`cgY'Ui Z' fU
GcmZYfg' 8 Yf'K Y'hi bhYf[Ub[žY]bYf'H\YUhYfZUggi b['Ui g'XYa
⊕\f'%'- ' * " ⊕'XYf' ⊕gnYb]Yfi b['j cb'8cfc'⊕_i Vck g_]k YfXYb
H\Ya Yb'k]Y'a YbgW`]WYg'J Yf\U'hYb'i bX'9]hY`_Y]h'Ui Zg_i ff]Y
K Y]gY'h\Ya Uh]g]Yfh"⊕'XYb'nYbhfU'Yb'Fc`Yb'hi a a Y'b'g]W`Y]b
A cXYnUf'i bX'Y]bY'J]Y'nU\`j cb'gW]`YfbXYb':][i fYbž'X]Y'X]Y
hfU[]gWYb'i bX'_ca]gWYb'GY]hYb'i bgYfYf'; YgY`gWUZh
VY`Yi W'hYb"

9]b'6`]W_ 'Ui Z'X]Y' < YfUi gZcfXYfi b[Yb'XYf
; Y[Ybk Ufh

8 Ug'GhØW_gd]Y'h]a '⊕\f'&\$&' i bX'[fY]Zh'U_hi Y`Y
[YgY`gWUZh]WY'H\Ya Yb'Ui Z'i a 'X]Y'\Ufa cb]gWYb'Gd\ÅfYb'Ui Z

XYf'9fXY'ni 'VYk U\fybž'gYbXYh'X]Y'GcbbY'XYb'?ca YhYb'?cbfUXž
XYf'X]Y'A YbgW\Y]h'j cf'YI]ghYbn]Y''Y'<YfUi gZcfXYfi b[Yb'ghY''h"
8]Y'8fUa Uhi f[]Y'nY][h'Y]b'?U'Y]Xcg_cd'j cb'J Yf\U'hYbgk Y]gYb
i bX'9]hY'_Y]hYb'XYf'7\UfU_hYfY'i bhYf'XYa '8fi W_X]YgYf
6YXfc\i b["'6YgcbXYfg'Yfk Å\bYbgk Yfh']gh'X]Y'@Y]ghi b['j cb'Gk Yb
F]W\hYfž'XYf'U'g'A cXYnUf'DUi ''; fØbnk Y]['b'9f]bbYfi b['V'Y]Vh
i bX'a]h'gY]bYa '7\Ufa Y'i bX'K]m'XUg'Di V'_i a 'VY[Y]ghYfh"

8 Ug'K cfh'\Uh'X]Y'9fXY

8cfc'ſ_i Vck g_]ž'FY[]ggYi f]b'i bX'8UfghY''Yf]b'j]b'XYf'J cfghY''i b[ž
\Uh'XYa 'GhØW_Y]bY'nY]h[Ya Å»Y'BchY'j Yf']Y\Yb"'G]Y'bYbbh'X]Y
9fXY' Y]bY'Y][YbY'Fc''Y ž'X]Y'Xi fW'j]\fY'B Uhi f'XUg
GY'VghgØW'h][Y'XYf'A YbgW\Yb'\YfUi gZcfXYfh"'ÀfY'5i ggU[Y
j YfXYi h']W'hž'k]Y'k]W'h]['Yg'j]b'XYf'\Yi h][Yb'NY]h']ghž'g]W'a]h'XYf
l a k Y'h'i bX'XYb'Y][YbYb'K Yfhj cfghY''i b[Yb
Ui gY]bUbXYfni gYmYbž'i a 'Y]bY'dcg]h]j Y'J YfÅbXYfi b[
\YfVY]ni ZØ\fyb"

J]Y'ZU'h'XYf'H\YUhYf_i bgh

8Yf'H\YUhYfgca a Yf']b'<cfV'V]YhYh'b]W'h'bi f' 8Ug'@]YX'j cb'XYf
9fXY ž'gcbXYfb'Ui W'XUg'VYfØ\ a hY'GhØW_' ſ'XYfa Ubb "'<]Yf
]bgnYb]Yfh'ſ_i Vck g_]YfbYi h'h]YZ[fØbX][Y'H\Ya Ybž'X]Y'ni a
BUW\XYb_Yb'UbYf[Yb"'8UVY]'ghY''h'XYf'DfchU[cb]gh'gY]bY'K YfhY'j]b
: fU[Y'i bX'k]fX'Xi fW'X]Y'VYXfc\']W'Y'DfÅgYbn'XYg'HcXYg'a]h
gY]bYb'Y][YbYb'9bhgW\Y]Xi b[Yb'_cbZfcbh]Yfh"'8]Yg'gd]Y[Y'h'X]Y
8f]b['j]W_Y]h'k]XYfž'g]W'ØVYf'X]Y'Y][YbYb'@VYb'gk Y]gYb'i bX
XYfYb'5i gk]f_i b[Yb'ni f'?`UfYb'ni 'k YfXYb"

9]b'j c''ZUfV][Yg'? i `hi fYfY][b]g

8]Y'7\Ua UY'Ycb'H\YUhYfk Y'hYb''UXYb'XUni 'Y]bž'gck c\
\i a cfj c''Y'U'g'Ui W'bUW\XYb_]W\Y'H\YUhYfYf'YVb]ggY'ni
[Yb]Y»Yb"'8]Y'X]Yg'Å\ f][Yb'5i ZØ\fi b[Yb'Ua 'A Uf_hd`Uhn'g]bX
b]W'h'bi f'Y]bY'_i `hi fY''Y'6YfY]W\Yfi b['ZØf'X]Y'GhUXh'<c fVž
gcbXYfb'Ui W'Y]bY'D`Uhhž'cfa 'ni a '8]U'c['ØVYf'[fi bX'Y[YbXY

: fU[Yb`XYg`@YVYbg"

K]W\ h][Y `=b Zc fa Uh]cbYb`ni `XYb
5i ZZØ\ fi b[Yb

8]Y`5i ZZØ\fi b[Yb`VY[]bbYb`Yk Y]`g`i a `%- `I \f`Ui ZXYa
A Uf_hd`Uhn`]b`<cfV.

- 8 Ug`@]YX`j cb`XYf`9fXY .`&("i bX`&)"`5i [i gh
- >XYfa Ubb .`" \$"i bX`" %"5i [i ghi a `&\$`I \f`]a
GW`cgg\cZGi`n!; `Uhh
- GdYn]Y``Y`?]bXYfj c fghY``i b[Yb.`%%"5i [i ghi a `%*`I \f
]a `GW`cgg[UfhYb`]b`Gi`n!; `Uhh

8]Y`H]W_Yhg`g]bX`Ub`XYf`5VYbX_UggY`i bX`]a `J cfj Yf_Ui Z
Yf\À`h`]W`" `=bhYfYgg]YfhY`gc``hYb`g]W\`X]Y`7\UbW`b]W\h`Ybh[Y\Yb
`UggYbž`Ub`X]YgYa ` _i `hi fY``Yb`<][\`][\h`hY]`ni \UVYbž`XUg`gck c\`
i bhYf\À`h`U`g`Ui W`ni a `BUW`XYb_Yb`Ub`fY[h`

8YhU]`g

6Ygi W\Yb`G]Y`i bg`Ui Z.`b!U["XY