

FUnn]U']b'<Y]`Vfcbb.'; fc»Yg : Ø\fYfgW\Y]b!6Yhfi [gbYhn'Ui Z[YZ`c[Yb°

Dc`]nY]'<Y]`Vfcbb'XYW_h': Ø\fYfgWXY]b!6Yhfi ['Ui Z'FUnn]U'a]h %' \$'?fÀZhYbž'%&': YghbU\a Ybž'Vi bXYgk Y]hY'GhY``j YfhfYhYf! DfØZi b[Yb"



<Y]`Vfcbbž'8Yi hgWX`UbX'!'=>'<Y]`Vfcbb'g]bX'X]Y'6Y\OfXYb
Y]bYa'[fc> 'Ub[Y`Y[hYb'6Yhfi [gbYhnk Yf_'Ui Z'X]Y'Gdi f
[Y_ca a Ybž'XUg'g]WX'Ui Z': À`gWXi b[Yb'VY]
: Ø\fYfgWXY]bdfØZi b[Yb'gdYn]U`]g]Yfh'\Uh''K]Y'GK F'VYf]WXhYhž
ZØ\fhYb'ØVYf'%' \$'Dc`]n]ghYb'Ua'A]hhk cWXa cf[Yb'Y]bY
i a ZUggYbXY'FUnn]U'Xi fWXž'VY]'XYf']bg[YgUa h'&-'CVY_hY']b'ZØbZ
6i bXYg`ÀbXYfb'Xi fWXgi WXhik i fXYb''=a 'NYbhfi a 'XYf
9fa]hh`i b[Yb'ghY\h'Y]b') &! A`\f][Yf': U\fgWXi`]b\UVYf'Ui g
<Y]`Vfcbbž'XYf'a]h'XYf'6UbXY'ni gUa a YbUfVY]hYhY'i bX
qmghYa Uh]qWX'GhY``j YfhfYhYf'ZØf'H\Ycf]YdfØZi b[Yb'j Yfa]hhY`hY''</pre>

I a 'g]W\'U`g'DfØZ]b[Y'Ui gni [YVYbž'fY]ghYb'X]Y'gc[YbUbbhYb 9fgUhndfØZ]b[Y'hY]`g'\ibXYfhY'?]`ca YhYf'Ub"': Øf']\fY'8]YbghY a i gghYb X]Y DfØZ]b[Y V]g ni ') "\$\$\$ '9i fc nU\ Yb" 8]Y A UgWXY k Uf VYgcbXYfg dYfZ]XY. '8]Y ZU `gWXYb DfØZ]b[Y j YfZØ[hYb ØVYf YWXhY 5i gk Y]gdUd]YfY i bX VYghUbXYb X]Y H\ Ycf]YdfØZi b[\check{z} 'k \check{A} \fYbX X]Y 8 fU\ hn]Y\ Yf 'g]WX ']a 'J cfZY `X 'ØVYf 'XYb 'Yk Y]`][Yb 'DfØZYf]bZcfa]YfhYb i bX : \check{A} `gWXi b[Yb VY]'6YXUfZ'_i fnZf]gh]['UVgU[hYb" 8]Yg 'nY][h'X]Y 'Ui g[Y_\@[Y^hY'] cf[Y\Ybgk Y]gY 'XYf 'HÀhYf'i bX k YW_h'6YXYb_Yb'\]bg]WXh`]WX 'XYf \Longrightarrow hY[f]hÀh'XYg'[YgUa hYb : \emptyset \fYfgWXY]bdfØZi b[gdfcnYggYg"

9fa]hhib[YbibX:YghbU\aYb

8]Y'9fa]hhi b[Yb'Ui ZYb'VYfY]hg'gY]h'A]hhY'&\$&&"'I fgdfØb[`]W\
[Y[Yb'Y]bYb'' &!'À\f][Yb'AUbb'Ui g'<Ubbcj Yf'[Yf]W\hYhz'k Y]hYhY
g]W\'XYf': c_i g'gW\bY``Ui Z'k Y]hYfY'A]h[`]YXYf'XYf'6UbXY"'\#b
Y]bYa'UbXYfYb'GhfUb['XYf'JcfZÀ``Yž'X]Y'N8: 'Xc_i aYbh]Yfhz'k ifXYb']a'FU\aYb'A\b`]W\Yf'8ifW\giW\ib[Yb']b'g]YVYb
6ibXYg`AbXYfb'(''CV'Y_hY'ibhYfgiW\h''<]YfVY]'_UaYb'UiW\
acXYfbY'HYW\bc`c[]Yb'k]Y'5iX]c!'ibX'J]XYchYW\]_'nia'9]bgUhnz'ia'X]Y'DfØZ']b[Y'ni'ibhYfghØhnYb'ibX'X]Y'6Yhfi[g\UbX'ib[Yb'niaUl]a]YfYb"

6Y] XYf F Unn]U]b < Y] Vfcbb k i fXYb b]W h bi f 6Uf[Y Xgi a a Yb]a ZØb ZghY ``][Yb 6YfY]W g]W Yf[YghY ``hž gcb XYfb Ui W @ I i gUi hcgž GW fY W_gW i ggd]ghc Yb i b X k Y]hY fYg 6Yk Y]ga UhYf]U ž k Ug X]Y 8]a Ybg]cb XYg 6Yhfi [g k Y]hYf j YfXYi h`]W h" & g[YgUa h b U \a X]Y Dc `]nY] nk Ò Z DYfgcb Yb ZYgh"

?cbgYeiYbnYb ZØf X]Y 6YhfcZZYbYb

8]Y'FYU_h]cbYb'Ui Z'X]Y'5i ZXYW_i b['X]YgYg'6Yhfi [Yg'g]bX Y]bXYi h][.'8Yf'Dc`]nY]dfÀg]XYbh'i bX'XYf'CVYfghUUhgUbk U`h'`cVhYb X]Y'a cbUhY`Ub[Y'9fa]hh`i b[gUfVY]h"'9g'k]fX'bi b'[YZcfXYfhž'XUgg U``Y'gc'Yf`Ub[hYb': U\fYf`Ui Vb]ggY'Xi fWX'X]Y : U\fYf`Ui Vb]gVY\ÒfXYb'Ui Z'XYb'DfØZghUbX'_ca a Yb"'K Yf'Xi fWX 6Yhfi ['ni 'gY]bYf': U\fYf`Ui Vb]g'[Y`Ub[hYž'a i gg'a]h'XYa 'J Yf`i gh gY]bYf'@]nYbn'fYWXbYb"

8 Y hU]`g	
Cfh	< Y]`Vfcbbž'8Yi hgW\`UbX
EiY``Yb	• k k k "gk f"XY
	• k k k "gd]Y[Y`"XY
	• k k k "nXZ\Yi hY"XY

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z 'bU[!Vk "XY