

8 Yi hgWX`UbX`j YfdUggh`H]hY`WX UbWY. 9bhhÀi gWXi b[]a BUh]cbg @YU[i Y!:]bU`Y°

8]Y'XYi hgW\Y'BUh]cbU`a UbbgW\UZh'j YfdUggh']a 'BUh]cbg @YU[iY!:]bU`::cif'X]Y'7\UbW\'UiZFY\UV]`]hUh]cb'bUW\'Y]bYf \$.&!B]YXYf`U[Y'[Y[Yb':fUb_fY]W\"



: $fUb_fY]W$, \check{z} : @Ub X : ! : 8]Y : XY i hg W Y : B Uh]c b U `a Ub b g W UZh `\ Uh `Ua `- " \check{z} b] : & \$\&\} :]b U `Y : XY f `B Uh]c b g : @Y U[i Y Y]b Y ik Y]h Y f Y . 7 \ Ub W `ni f F Y \ UV]`]h Uh]c b j Y f [Y V Y b " \Longrightarrow Y]b Y a 'Y b hg W Y] XY b XY b `Gd]Y ``i b h Y f` U[X]Y `A Ub b g W \ UZh : f Ub_fY] W \ `a]h `\$. & `i b X 'j Y f d Uggh Y : X Ua]h `X]Y A \ \(\O[\`]W _Y]h \ \check{z}'g] W \ `a]h `Y]b Y a `H]h Y ``ni `V Y `c \ b Y b " : 8] Y g `V Y f] W \ h Y h 'h! \ c b `]b Y " `K \(\A\) f Y b X : XY f '5 i Zh f]h h [Y [Y b : f Ub_fY] W `]a `J Y f [`Y] W `ni f j c f \ Y f] [Y b `B] Y XY f` U [Y `[Y [Y b `D c f hi [U` `]a ` < U` V Z] b U` Y `V Y g g Y f` k U f \ Z a Ub [Y`h Y `Y g `Ub `X Y f `7 \ Ub W b j Y f k Y f hi b [\ \check{z}' X] Y `g] W `U` g Y b hg W Y] X Y b X `Y f k] Y g " `Gd] Y `Y f `k] Y `B] \(\W _ X _ X _ Y i b X `? Uf] a \ 5 X Y m Y a] ``] Y \(\Sigma\) Y b 'n U \`f Y] W Y `[i h Y `A \(\O[\`]\) [`] W _Y] h Y b `i b [Y b i h h h \(\overline{z}' k U g _Y h h h Y b X`] W `ni a `5 i g g W Y] X Y b `Z\(\Omega\) f h Y "

6i bXYghfU]bYf'\$\`]Ub'BU[Y\ga Ubb\z\XYf\gY]h\GYdhYa VYf\&\&'\']a

5a h']ghž'k c``hY 'XUg'HYUa 'Ui g'XYf'?f]gY 'ZØ\fYb'i bX'\UhhY 'XUg Hi fb]Yf'U`g' A]b]!9A 'VYnY]W\bYh"'9f'[YghUbX'bUW\'XYf'nk Y]hYb B]YXYf`U[Yž'XUgg'XYf'A UbbgW\UZh' Y]b'dUUf'DfcnYbh 'ni f K Y`hgd]hnY'ZY\`Yb"'8Yi hgW\`UbX'Yfn]Y`hY']b'nk Y]'Gd]Y`Yb''YX][`]W\Y]b'Hcf'i bX'nY][hY']b'VY]XYb'DUfh]Yb'gW\k UW\Y'<U`VnY]hYbž'k Ug]a '<]bV`]W_'Ui Z'X]Y'VYj cfghY\YbXY'K A!Ei U`]Z]_Uh]cb']a GYdhYa VYf'&\$&) 'VYgcf[b]gYffY[YbX']gh"

9bhk]W_`i b['XYf'BUh]cbU`a UbbgW\UZh

Hfchn XYf YbhhÀi gWX Yb XYb '9f[YVb]ggY '[]Vh Yg 'd cg]h]j Y 9bhk]W_`i b[Yb ii bhYf BU[Y`ga Ubb" BUWX 'XYa '5i ggWX Y]XYb ']a J]YfhY `Z]bU`Y 'XYf '9A '[Y[Yb 'GdUb]Yb 'V`]YV 'XYf '< md Y ii a 'X]Y BUh]cbU`a UbbgWX UZh VYghY\Ybž'Ui WX 'k Ybb 'X]Y '9i d\cf]Y 'Xi fWX X]Y 'Øb[ghYb 'B]YXYf`U[Yb '[YXÀa dZh k i fXY" BUWX 'XYf 'B]YXYf`U[Y [Y[Yb ': fUb_fY]WX 'VY`Y[h'8 Yi hgWX `UbX 'bi b 'XYb 'j]YfhYb 'D`Uhn ']a Hi fb]Yf" 'BU[Y`ga Ubb \UhhY 'U`g 'N]Y `ž XYb 'K Y`ha Y]ghYfh]hY` Ubni ghfYVYb 'i bX`\cZhž'XYb 'F ØW_ghUbX 'Ui Z'X]Y 'Hcd!BUh]cbYb]bbYf\U`V 'XYf'bÀWX ghYb 'nk O`Z'A cbUhY 'Ui Zni \c`Yb"

8]Y'GhUfhY`ZžX]Y'[Y[Yb': fUb_fY]W\'Ui Z]YZž\UhhY'Y]b
8i fW\gW\b]hhgU`hYf'j cb'\&, ž*'\\Y\fYb"'8UVY]'ZY\`hYb'Y]b][Y
GW\`ØggY`gd]Y`Yfž'k]Y'\Ja U``Aig]U`U'ibX': `cf]Ub'K]fhnž'X]Y'XUg
HYUa'j Yfgh\Af_Yb'_\ObbhYb"'5i W\'YfZU\fYbY'Gd]Y`Yf'k]Y'AUbi Y`
BYi Yfž'Hcb]'?fccgž'\upum; ØbXc[Ub'ibX'H\ca Ug'A Ø``Yf'g]bX'b]W\ha Y\f'HY]`'XYf'BUh]cbU`a UbbgW\UZhž'kUg'X]Y
?UXYfni gUa a YbghY``ib['Wca d`]W]YfhYf'a UW\h"'8]Yg'_\ObbhY'g]W\
VY]'XYf'VYj cfghY\YbXYb'K A'\&\\$\&*'VYa Yf_Yb'`UggYbž'VY]'XYf
8Yi hgW\`UbX']b'XYf'J cffi bXY'a \O[`]W\Yfk Y]gY'Ui Z'Y]b'HcdhYUa
k]Y'5f[Ybh]b]Yb'hfYZZYb'_\ObbhY''

5 i gV`|W_'Ui Z'X|Y'K A !E i U`|Z|_Uh|cb

8]Y'K A!EiU`]Z]_Uh]cb'VY[]bbh'VU`Xži bX'8Yi hgW\`UbX'k]fX'[Y[Yb A UbbgW\UZhYb'k]Y'@ilYa Vi f[ž'BcfX]f`UbX'i bX'X]Y'G`ck U_Y]
UbhfYhYb"8]Y'A UbbgW\UZh'ghY\h'j cf'XYf'<YfUi gZcfXYfi b[ž'X]Y
`YYfYb'<ÀbXY'bUW\'YbhhÀi gW\YbXYb'9f[YVb]ggYb'ni 'ZØ``Yb"'8]Y
: Ubg'i bX'J YfUbhk cfh`]W\Yb'\cZZYb'Ui Z'Y]bY'FØW__Y\f'ni f': cfa

i bX`XUfUi Zž`XUggʻi bhYf`BU[Y`ga Ubb`XUgʻbchk YbX][Y GY`Vghj YfghÀbXb]gʻk]YXYf\Yf[YghY``hʻk]fX"'9gʻV`Y]Vh'UVni k UfhYbž cV`X]Y`BUh]cbU`a UbbgW\UZh`X]Y`bÒh][Ybʻ: cfhgW\f]hhYʻa UW\Yb _Ubbžʻi a `Ui Z`]bhYfbUh]cbU`Ya `B]j YUi '_cb_i ffYbnZÀ\][`ni 'gY]b"

K Y]hYfY'8YhU]`g'g]bX'Ui Z'_]W_Yf'j YfZØ[VUf"

8YhU]`g	
J c f ZU``	Gdcfh
I fgUWX Y	AUb[Y`bXY'7\UbWYbjYfkYfhib[
Cfh	: fUb_fY]W\ ž [·] @UbX
EiY``Yb	k k k "h!cb`]bY"XY
	kkk"gdcfhgW\Ui"XY
	• k k k "_]W_Yf"XY

6Ygi WXYb G]Y i bg Ui Z. b!U["bYh