

J Y fa]ggh]b : fUb_Zi fh. '%)!≯À\f][Y f 5[cghUb < "'Ui g'?`]b]_i a 'UV[Àb[][

8]Y'Dc`]nY]'gi WhbuWX'XYa '%)!'À\f][Yb'5[cghUb'<"ž'XYf'gY]h XYa '' "'GYdhYa VYf'&\$&(']b':fUb_Zifh!B]YXYffUX'j Yfa]ggh k]fX"'<]bkY]gY'YfVYhYb°

: U\bXi b[gUi Zfi Z'XYf'Dc`]nY]

gY]bYa 'JYfgWkk]bXYb'VY[cbbYbž'U`g'X]Y'YfghYb
JYfa]gghYbaY'Xib[Yb'VY]'XYf'Dc`]nY]'Y]b[]b[Yb"'8]Y'6Y\ÒfXYb
\UVYb'jYfgWk]YXYbY'AU»bU\aYb'Y]b[Y'Y]hYhž'ia'XYb
\$\int [YbX`]WkYb'gWkbY``ghaÒ[`]Wk'ni'Z]bXYbž'XUni'nÀ\`Yb'ibhYf
UbXYfYa'X]Y'8ifWkgiWkib['XYg'bÀ\YfYb'IaZY`XYg'ibX'Y]bY
\$\text{VYfdfØZ}b['VY_UbbhYf'5iZYbh\U`hgcfhY"}

8U'5[cghUb'Yfgh'%) '\$U\fY'U\h']ghž'k]fX'X]Y'G]hi Uh]cb'U\g'VYgcbXYfg
Xf]b[\`]W\'Y]b[Yghi Zh''8]Y'Dc\`]nY]'VYhcbh'X]Y'K]W\h][_Y]h'j cb
<]bk Y]gYb'Ui g'XYf'6Yj O`_Yfi b[\ž'XU'\infty [YbX\`]W\Y']b'gc\W\Yb
G]hi Uh]cbYb'cZh']a di \`g]j '\UbXY\`b'i bX'gW\bY\``]b'i bVY_UbbhY
G]hi Uh]cbYb'[YfUhYb'_ObbYb''8Yf'Ya ch]cbU\Y'Ni ghUbX'Y]bYg
j Yfa]gghYb'\infty [YbX\`]W\Yb'_Ubb'cZh'i bVYfYW\YbVUf'gY]b'i bX
YfZcfXYfh'gW\bY\``Yg'<UbXY\`b'j cb'XYb'ni gh\bX][Yb'6Y\\OfXYb'i bX
XYf'2 ZZYbh\`]W_Y]h''

8]Y'l a ghÀbXY'XYg'JYfgWkk]bXYbg'g]bX'i b_`Ufž'i bX'X]Y'9fa]hh`Yfg]bX'ni j Yfg]Wkh`]Wkž'XUgg'a]h'<]`ZY'XYf'6Yj Ò`_Yfi b['k Yfhj c``Y

DZcfa Uh]cbYb'ni gUa a YbhfU[Yb'k YfXYb'_ÒbbYbž'X]Y'ni f

ZZ]bXi b['XYg'¾ b[Yb'ZØ\fYb"'8]Y'Dc`]nY]'\Uh'j YfgWk]YXYbY

9fa]hh`i b[gUbgÀhnY'i bX'<c\Y]hga]hhY`'U_h]j]Yfhž'i a 'X]Y'Gi WkY'ni]bhYbg]j]YfYb"

 $8]Y `9fa]hh`i b[ghYUa g`V`Y]VYb`]b`ghÀbX][Ya `5i ghUi gWX`i bX _ccfX]b]YfYb`g]WX`Yb[ži a `U``Y`\deltaZcfa Uh]cbYb`ni `VØbXY`b`i bX`X]Y Gi WXY`ni `cdh]a]YfYb"\8]Y`<c\(Z\)bi b[`Ui Z`Y]b`gWXbY``Yg`5i \(Z\)bXYb j cb`5[cghUb`<\"V`Y]VhžXYbb`YXY`[YgUa a Y`hY`\deltaZcfa Uh]cb`_Ubb Y]bYb`k]WXh][Yb`6Y]hfU[`ni f`@Ògi b[`XYg`: U``g``Y]ghYb"$

8 Y hU]`g

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