

 $\label{eq:continuous} $JYf[YkU^h][ib[gdfcnYgg^]b^;]Y*Yb.^GmfYf^Ub[Y_^U[h^"D\theau]X^ZØ\theau] $$ Y$^DfcnYgg^Zcfh[YgYhnhž CdZYf^gU[h^Uig"] $$$

;]Y » Yb ž 8 Yi hg W `Ub X '! < Ygg Yb 'V YVh " \Rightarrow 'V Yg W Ui `] W Yb ;]Y » Yb Yf Y][b Yh Y 'g] W 'Y]b 'g W C W_] Yf Yb X Yf : U `` 'j cb 'Ub [YV `] W Yf 'g Y I i Y `` Yf ; Yk U `h " GU `U\ '5 " '> " ž' (, '\s\) \ f Y 'U `h ž 'g h Y\ h 'j cf'; Yf] W h ž 'Ub [Y_`U[h ž '] a A Åfn '& \$ & ('Ui Z 'Y]b Ya : Y `Xk Y ['Y]b Y '&) ! '\ A\ f][Y : f Ui '] b 'Y]b ; Y V Øg W `[Y X f Åb [h i b X 'g] Y 'V f i h U ` 'j Yf [Yk U `h] [h ini '\ UV Y b " '9]b D\ Ub h ca V] `X 'X Y g 'a i ha U » `] W Yb 'H Åh Yf g 'g cf [h Y 'Z Øf '5 i Z g Y \ Yb 'i b X Z Ø\ f h Y '_i f n 'X Uf Ui Z 'ni f': Ygh b U\ a Y '] b 'X Yf ;]Y » Yb Yf '\ b b Yb gh U Xh '' 8 Yf : U `` k]f X 'j cf 'X Yf '* "'; f c » Yb 'G h f U Z_Ua a Yf 'X Yg '@ Ub X [Yf] W h h yh 'a "V] `X " X Y "

I bhYf'XYf'5bXfc\i b['j cb'; Yk U`h'gc```XYf'5b[Y_`U[hY'X]Y': fUi Ui Z'Y]bYb'6Ui a ghi a dZ'[YXfÀb[h'i bX']\f'X]Y'gW\`]a a ghYb Ghi bXYb']\fYg'@YVYbg'VYfY]hYh'\UVYb"'8cW\'GU`U\'5"'>"ž'bUW\Y][YbYb'5b[UVYb'DU`Àgh]bYbgYf'Ui g'8Ua Ug_i gž'VY\Ui dhYh j Y\Ya Ybhž'i bgW\i `X]['ni 'gY]b"'Jcb'gY]bYa '5bk U`hž'5`YI UbXYf < Ui Yfž'`Àggh'Yf'j Yf`Ui hYbž'ni f'HUhnY]h'[Uf'b]W\h']b'XYf'BÀ\Y [Yk YgYb'ni 'gY]b"'8Yf'5b[Y_`U[hY']gh'VYfY]hg'j cfVYghfUZh' GW\k YfY'k]Y[h'XYf'A UbhY``XYf'Nk Y]ZY'ž'XYb'Yf'bi b'j cf'; Yf]W\h UVni k YbXYb'gi W\h''8]Y'&)!'À\f][Y'6YhfcZZYbY'hf]hh'U`g BYVYb_`À[Yf]b'Ui Z'i bX'k]fX'k c\``bcW\']a 'DfcnYgg'Ui ggU[Yb"

8]Y'JYfÒZZYbh`]W\i b['XYg'D\Ubhca V]`Xg'k Uf'XYf'YbhgW\Y]XYbXY A ca Ybh']a '9fa]hh`i b[gj YfZU\fYb"'9g'ZØ\fhY'ni f'=XYbh]Z]_Uh]cb'XYg A UbbYg'Xi fW\'NYi [Ybž'k Ug'X]Y'UbgW\`]Y» YbXY': YghbU\a Y $\label{thm:cobhy} Yfa \ \grave{O}[\ \grave{\ }]W\&Yb\ \ _cbbhY\ "\ GY\]hXYa\ \ "g]hnh"XYf"6YgW\&i\ \grave{\ }X][\ hY\ "]b \\ I \ bhYfgi \ W\&i \ b[\ g\&UZh"\ K\]Y\ XYf"VU`X][\ Y\ "G\&ck\ Xck\ b\ "j\ cf";\ Yf]W\&h\ YbXYb\ "k\]fXž"V`Y]Vh"gdUbbYbX"$

8 YhU]`g	
Cfh	;]Y»Ybž8YihgWX`UbX

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