

$F]WUfXU'@Ub['Yf_`Afh']\ fYb'FØW_hf]hh.'9]b GWXf]hh']b'X]Y'Ni_i bZh'XYf'; fØbYb$

F]WUfXU @Ub[ž:X]Y 'J cfg]hnYbXY 'XYf'; fØbYbž'Yf_`Àfh']b 'Y]bYa
YI_`i g]j Yb *\delta hYfj]Yk ']\fYb FØW_hf]hh'i bX 'X]Y'; fØbXY 'XUZØf"
G]Y 'gdf]W\h'ØVYf'X]Y 'U_hi Y``Y '? f]gY 'XYf'DUfhY]ž'X]Y
9bhZfYa Xi b['ni f'6Yj O`_Yfi b['i bX']\fY'dYfgOb`]W\Yb
: Y\`Yf" @Ub['VYhcbhž'XUgg']\fY'9bhgW\Y]Xi b[
gY`VghVYgh]a a h'k Uf'i bX'j Yfk Ufbh'j cf'Y]bYf'BY[]Yfi b['XYg
HYUa [Y]ghg" Ni XYa 'Ài » Yfh'g]Y '? f]h]_'Ub 'XYb 'ghfUhY[]gW\Yb
BYi Ui gf]W\hi b[Yb 'XYf'; fØbYb"'J YfdUggYb 'G]Y 'b]W\h'XUg
Ui ZgW\`i ggfY]W\Y'; Ygdf\AW\Z'XUg'Ua '' \$"'GYdhYa VYf'i a
&\delta.\) \$1\f']b 'XYf'5F8' Ui q[YghfU\`h'k]fX"



±b 'Y]bYa 'Ya ch]cbU`Yb'i bX'Ui ZgWX i ggfY]WXYb'±bhYfj]Yk '\Uh F]WUfXU'@Ub[ž'X]Y'gWXY]XYbXY'J cfg]hnYbXY'XYf'; fØbYbž'bUWX]\fYa 'Yfk UfhYhYb'FØW_hf]hh'X]Y'² ZZYbh`]WX_Y]h']bZcfa]Yfh'''±b'XYf 5F8!GYbXi b[''?cbZfcbhUh]cb.'A Uf_i g': Y`XYb_]fWXYb'hf]ZZh F]WUfXU'@Ub[ž'X]Y'Ua 'A cbhU['Ui g[YghfU\`h'k]fXž'ÒZZbYhY'g]Y'XUg?Ud]hY``]\fYf'dc`]h]gWXYb'FY]gY'i bX'fYZ'Y_h]YfhY'ØVYf'X]Y

 $< YfUi gZcfXYfi b[Yb'] \ fYf'DUfhY]" \ K \]f'VYZ]bXYb'i bg'[YfUXY']b'XYf k U \ fgWXY]b']WX'h]YZghYb'?f]gYž'X]Y'i bgYfY'DUfhY]'V]g \ Yf'Yf'YVh \ Uh ž'[YghUbX'X]Y'BcWX!7\YZ]b'i bX'_<math>\emptyset$ bX][hY'Ubž'XUgg'Yg'NY]h'gY]ž D`Uhn'Z \emptyset f'Zf]gWXY' \Rightarrow XYYb'ni 'a UWXYb"

8 Yf F ØW_hf]hhž gc '@Ub[ž'k Uf'_Y]bY '9bhgWX Y]Xi b['Y]bYg 'UbXYfYbž k]Y 'j]Y 'Y 'gdY_i ']Y fhYbž gcbXYfb 'Y]bYž X]Y 'g]Y 'gY 'VghVYk i ggh'i bX Ui g Y][YbYf', VYfnYi [i b['[Yhfc ZZYb '\ UhhY. ' 8 Ug 'k Uf'a Y]bY Y][YbY '=XYYŽ']WX '\ UVY 'XUg 'gY 'VghVYgh]a a h 'YbhgWX]YXYb" 6 YgcbXYfg 'XUg 'YbhhÀi gWX YbXY 'F Ygi 'hUh'XYf'; fØbYb 'VY] 'XYf @UbXhU[gk U\ ']b '6fUbXYbVi f['k Uf'ZØf'g]Y 'Ui ggWX `U[[YVYbX"' = W \ UhhY 'b]WX h'a Y\ f'XUg'; YZØ\ 'Ž'XUgg'k]f']b 'XYf'@U[Y 'g]bXŽ'X]Y 'DUfhY] Ui g'X]YgYf'?f]gY 'ni 'ZØ\ fYb Ž'Yf_ 'ÀfhY 'g]Y"'9]b 'VYa Yf_Ybgk YfhYf A ca Ybhž']b 'XYa 'g]Y 'XYb 'A i h'VYk]Ygž'g]WX 'gY 'Vgh'U'g'HY] ''XYg DfcV'Ya q'ni 'Yf_YbbYb"

?Y]b 8fi W_ j cb cVYb

8 YhU]`a

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'a Y]b!VYf`]b "bYh