

6Yhf]YVgfUh [Yk]bbh FYWXhgghfY]h. I fhY]` [Y[Yb A G7!HcWXhYf]b < Ua Vi f[

?Øfn`]W\`\Uh'XUg'5fVY]hg[Yf]W\h'<Ua Vif['ØVYf'Y]bYb'Ài »Yfgh Vf]gUbhYb::U``YbhgW\]YXYbžXYf'b]W\h'bi f'XUg'GW\]W_gU`'j cb K 'UhgW\Yg`Uk':i fž'XYa '6Yhf]YVgfUhgj cfg]hnYbXYb'XYf'A YXfYdU]fž VYhf]ZZhž'gcbXYfb'Ui W\'k Y]hfY]W\YbXY'dc`]h]gW\Y'i bX k]fhgW\UZh`]W\Y': c`[Yb'ZØf'XYb'<Ua Vif[Yf'<UZYb'\UVYb'_ObbhY":i f'k Uf'V]g'5df]``&\$&' 'U`g'GhUd`YfZU\fYf'VY]'XYf'HcW\hYfZ]fa U'XYf]hU`]Yb]gW\Yb'; fc»fYYXYfY]'A G7'hÀh]['i bX'k i fXY'Ui g [Ygi bX\Y]h`]W\Yb'; fØbXYb'Zf]gh`cg'Ybh`UggYb''GY]b': U```\Uh'ZØf 5i ZgY\Yb'[Ygcf[hž'XU'Yf']b'X]fY_hYf'JYfV]bXi b['a]h'Y]bYf VYj cfghY\YbXYb'9bhgW\Y]Xi b['XYf'<Ua Vif[Yf'6Øf[YfgW\UZh'ØVYf XYb'HY]'j Yf_Ui Z'XYg'<UZYbg'Ub'A G7'ghY\h'

 $= 3.5 df] ``X] YgYg` \pm 1.6 Yg` k i fXY : i f`ØVYffUgWk Yb X`ZfY] [YghY``hž b UWk XYa ``Yf`Y] b `b Yi Yg` Afnh`] Wk Yg` 5 hhYgh`Y] b [YfY] Wk h`\ UhhYž`X Ug gY] b Y`[Ygi b X\Y]h`] Wk Y`G] hi Uh] c b `VYghAh] [hYž`YXc Wk`a]h`Y] b Yf j YfgWk AfZhYb `K cfhk U\`"`8] YgY`9 b h`Uggi b [`[YgWk U\`k Yb] [Y`HU[Yž b UWk XYa ``X Ug` 6 Yhf] Y Vgf Uhg [fYa] i a ž`XYggYb `Jcfg] hnYb XYf`: i f`] ghž Ub ``gY] b Yf`? Øb X] [i b [`a] hYb hgWk] Y X"`@Ui h`gY] b Ya ``5 b k U`h`A] Wk UY` Gca a Yf`\ Uh`X] Y`:] fa U`X UVY] `Zcfa U`Y`: Y\`Yf`VY [Ub [Yb`i b X`X Ug J Yf ZU\ fYb`VY X Uf Z`Y] b Yf`_f] h] g Wk Yb`, VYf d f Ø Zi b ["`8] Y`J Yf \ Ub X`i b [Ua`8 c b b YfghU [`VYghAh] [hY`gWk`] Y »`] Wk ž`X Ugg`: i fg`? Øb X] [i b ['j c b f Y Wk h`] Wk Yf`GY] hY`b] Wk h`\ U`hV Uf` k Uf"$

8Yf'9]bgdfiW\jcbK\UhgW\Yg`Uk:if

8 Y f '7 \ U f U_h Y f 'j cb' G`Uk U ž'k] Y :: i f 'j cb'g Y] b Y b 'I bh Y f gh Øhn Y f b [Y b U b b h 'k] f X ž' V`] Y V 'k À\ f Y b X : X Y g 'J Y f Z U\ f Y b g f Y g c`i h i b X Y b h g W\ `c g g Y b "' + b 'Y] b Y a 'g Y`V g h V Y k i g g h Y b 'A ca Y b h 'Y f_`À f h Y 'Y f ž X U g g 'X Y f'; f i b X ž' X Y f 'g Y] b Y f '? Øb X] [i b ['ni [f i b X Y '` U [ž Z Ø f '] \ b 'b] W h b U W j c``n] Y \ V U f 'g Y] " + W \ \ U V Y 'Y f g h_ Øf n`] W Y] b Y b 'G W `U [U b Z U `` Y f`] h h Y b 'i b X 'k i f X Y 'j cb 'X Y a '6 Y h f] Y V g U f n h ž 'X Y f 'a Y] b Y '@ U [Y '_Y b b h ž U b 'Y] b Y 'k Y b] [Y f 'V Y` U g h Y b X Y 'G h Y ``Y 'j Y f g Y h n ž 'g U [h Y 'Y f 'i b X V Y h c b h Y ž 'X U g g 'Y f 'g] W '] b 'X Y f 'j c b '] \ a '[Y k À\ `h Y b 'H À h] [_Y] h 'b i f V Y g g Y f '[Y Z Ø \ `h \ À h h Y " '8] Y 'I a g h À b X Y 'g Y] b Y f '9 b h` U g g i b ['k Y f Z Y b X U \ Y f 'j] Y `Y : f U [Y b ' Ø V Y f 'X] Y 'D Y f g c b U`d c`] h] _ 'X Y g 'I b h Y f b Y \ a Y b g U i Z "

8]Y'fYW\h']W\Y'5i gY]bUbXYfgYhni b['ZUbX'i bhYf'XYa'k UW\gUa Yb5i [Y'j cb'; Yk Yf_gW\UZhgj YfhfYhYfb'ghUhhž'X]Y': i fg'? Ua dZ'i a gY]bYb'5fVY]hgd`Uhn'U`g'? Ua dZ'i a '5fVY]hbY\a YffYW\hY VYhfUW\hYb"'@Ufg'Ghi VVY'j cb'XYf'; Yk Yf_gW\UZh'J Yf"X]'\YVh\Yfj cfž'XUgg'XUg'I fhY]`'Y]bYb' G]Y['Ui Z'[UbnYf'@]b]Y 'ZØf'X]Y 5fVY]hbY\a Yf'XUfghY``Y'' C V'XUg'; Yf]W\h'X]Y'9bh`Uggi b[Ui Z[fi bX'Zcfa Y``Yf': Y\`Yf'cXYf'Ui Z[fi bX'XYf'[Ygi bX\Y]h`]W\Yb 9]bgW\Ahni b['XYf'5hhYghY'ZØf'i bfYW\ha A\"]['Yf_`Afh'\Uhž']gh XYfnY]h'i bYf\YV`]W\ ž'qU[hY'Ghi VVY''

± XYf'JYf\UbX`i b['k Uf'X]Y'Dcg]h]cb'XYf'A G7!HcW\hYf
_Y]bYgk Y[g'ghUf_ž'XU'XYf'5bk U`h'j cb'A YXfYdU]fž'< Y`a i h
BUi 'c_gž'XYf']b'XYf'JYf[Ub[Yb\Y]h'Xi fW\'U[[fYgg]j Y
DYfgcbU`dc`]h]_Yb'Ui Z[YZU``Yb']ghž'j Yfgi W\hYž'X]Y'K c[Yb'Xi fW\
Y]bYb'JYf[`Y]W\'ni '[`ÀhhYb"'@Yhnh`]W\'`Y\bhY'X]Y'; Y[YbgY]hY'X]Yg
'YXcW\'UVž'k Ug'Ui Z'Y]bY'_`UfY'9bhgW\`cggYb\Y]h'\]bk Y]ghž'XYb': U``
j cf'; Yf]W\h'Ui gni hfU[Yb"

$Dc^{h}gWXY=ad^{-1}UhcbYb$

 $A \ UW \ hj \ Yf \ \mathring{a} \ \mathring{b} \ ggY \ \mathring{a} \ \mathring{\ } \ Yg][\ Yb \ \H{c} \ UZYbVYhf]YV \ \Upsilonf \ YV \ \mathring{\ } \ W \ j \ Yf \ \mathring{a} \ b \ XYfb \ \H{\ }$

: i fgʻl bhYfghØhnYfžʻXUfi bhYfʻUi W, j]Y`Y`; Yk Yf_gW\UZhYfžʻnY][Yb g]W\YbhgW\]YXYbʻ[Y[Yb`X]YʻghUUhgk]fhgW\UZh`]W\Ybʻ9bhk]W_`i b[Yb i bX`k UfbYbʻXUj cfžʻXUggʻX]YgʻÀ\b`]W\`_UhUghfcd\U`Y`; Y\`Yf k]YXYf\c`Ybʻ_ObbhYžʻk]Yʻg]YʻY]bghʻVY]ʻXYfʻDf]j Uh]g]Yfi b[ʻXYf < Ua Vi f[Yfʻ?fUb_Yb\Ai gYfʻ[Ya UW\h`k i fXYb"ʻ9]bʻA`hYfYf l bhYfghØhnYfʻAi »YfhYʻg]W\'VYgcf[h ʻ 9gʻk YfXYbʻX]Yʻ[`Y]W\Yb : Y\`Yfʻ[Ya UW\h`k]YʻXUa U`gʻVY]ʻXYfʻDf]j Uh]g]Yfi b[ʻXYf ?fUb_Yb\Ai gYf "'8]YgYʻŸi »Yfi b[Ybʻj YfXYi h`]W\YbʻX]Yʻa]h X]YgYa 'DfcnYggʻj YfVi bXYbYbʻ6YZØfW\hi b[Ybʻi bX'j YfXYi h`]W\Yb XUgʻA]gghfUi Ybʻ[Y[YbØVYfʻY]bYfʻ, VYfbU\a YʻXi fW\'Y]bYb]bhYfbUh]cbU`Ybʻ?cbnYfb"

 $8]Y'JYf\setminus UbX'ib[Yb'ia'X]Y'5bhY]'Y'Ub'XYf'<<@5'ghY\setminus Yb']b'Y]bYa VfY]hYfYb'?cbhYlh'jcb'?cbZ']_hYb'nk]gWXYb'5fVY]hbY\aYfgWXUZh ibX'lbhYfbY\aYbg`Y]hib[<math>\check{z}X]Y']b'Y]bYa'VYjcfghY\setminus YbXYb'DfchYghZ'[Yd`Ubh'ZØf'GUaghU['Ub'XYb'@UbXib[gVfØW_YbZ']\fYb'5igXfiW_Z]bXYb'kYfXYb''Dc`]h]_Yf'ibX';YkYf_gWXUZhYb'kc``Yb'XUa]h'Y]b_`\UfYg'NY]WXYb'gYhnYb'[Y[Yb'XYb'Xfc\YbXYb'JYf_UiZ'ibX'XYggYb=ad`]_Uh]cbYb'ZØf'X]Y'5fVY]hbY\aYffYWXhY'ibX'X]Y'ÒZZYbh`]WXY?cbhfc``Y'ØVYf'XYb'<UaVif[Yf'<UZYb''$

8 Y hU]`g

6 Y qi W Y b 'G | Y 'i b q 'U i Z 'b ! U ["X Y