

@]b_gYl hfYa]gh [fY]Zh =XYbh]hÀfYg NYbhfi a]b 7\Ya b]hn Ub°

@]b_gYI hfYa]gh'[fY]Zh'=XYbh]hÀfYg'NYbhfi a ']b'7\Ya b]hn'Ub. JcfZU```Ua '("'≯b]'&\$&) ž'JYfXÀW\h][Yf'[YZUgghž'J]XYc'cb`]bY"

6YgcbXYfg'Ui ZZÀ``][']ghž'XUgg'XYf'5b[fY]ZYf'g]W\'k À\fYbX'XYf'HUh
Z]`a hY'i bX'XUg'J]XYc'UbgW\`]Y» YbX']a '\delta hYfbYh'j YfVfY]hYhYž']b
XYa 'Yf'g]W\'a]h'gY]bYf'5_h]cb'VfØghYhY''8]Y'Dc`]nY]'`Y]hYhY'gcZcfh
9fa]hh`i b[Yb'Y]b'i bX'_cbbhY'XYb'< Ui dhhÀhYf'ZYghbY\a Ybž
k À\fYbX'XYggYb'?ca d`]nY'ZØW\hYb'_cbbhY''@Ui h'Wca dUWh!
cb`]bY''XY'_ObbhY'XYf'< Ui dhhÀhYf'a]h'ghfUZfYW\h`]W\Yb
?cbgYei YbnYb'i bX'n]j]`fYW\h`]W\Yb'GW\UXYbgYfgUhnUbgdfØW\Yb
ZØf'X]Y'FY]b][i b['XYf'VYgW\AX][hYb': UggUXY'_cbZfcbh]Yfh'k YfXYb''

JcfZÀ``Y'XYf'`YhnhYb'AcbUhY

8 Yf' Øb[ghY'5b[f]ZZ']gh'b] W\h'XYf'YfghY'JcfZU```X]YgYf'5fh']b
7\Yab]hn"'@Uih'Y]bYa'JcfhfU['XYg'6ØbXb]ggYg'7\Yab]hn
BUn]ZfY] ž'XYf'Ua'%, "'5df]``&\$&('ghUhhZUbXž'[UV'Yg'VYfY]hg
8]g_igg]cbYb' ØVYf'a]`]hUbhY'AU» bU\aYb'[Y[Yb'XUg'NYbhfia'XYf

⇒XYbh]hÀfYb '6Yk Y[i b["'8]Y 'J YfUbghU`hi b['ZUbX']b 'XYf'Gi VVchb]_ghUhhž'Y]bYf'Xi fWX 'GhYi Yf[Y`X '[YZÒfXYfhYb '=a a cV]']Y 'XYf
YI hfYa Yb '@]b_Yb"'Dc`]h]gWX '5bXYfgXYb_YbXY'k i fXYb'Ua '9]b[Ub[UV[Yk]YgYbž'hfchn'XYf'ÒZZYbh`]WXYb'6Yk YfVi b['XYf
J YfUbghU`hi b[ž'k Ug'XUg'[Yk UWXgYbY'GdUbbi b[gZY`X']b 'XYf'GhUXh j YfXYi h`]WXh"'6Y]'X]YgYf']bhYfbYb'J YfUbghU`hi b['k i fXYb
J Yfghf]W_i b[Yb'a]h'XYf'GD8'i bX'XYf'7\Ya b]hnYf
GhUXhj Yfk U`hi b['X]g_i h]Yfh'i bX'Yg'_Ua 'ni a '5i ghUi gWX'nk]gWXYb
Gma dUh\]gUbhYb'XYg'6ØbXb]ggYg'i bX'XYf'78I"

8]Y = XYbh]hÀfY 6Yk Y[ib[\ UhhY j cf Yhk U Y]bYa \ U`VYb \ J\f']\f NYbhfi a \ 7\Ya b]hn \ YfÒZZbYhžk Ug YfbYi h X]Y 6Ygcf[b]g i a \ X]Y Ni bU\a Y j cb @|b_gYl hfYa]ga i g i b X [Yk U hhÀh][Yb DfchYghYb\fi cffi Zh" HY] bY\a Yf VYf]WX hYhYb j cb 5bgdfUWX Yb ž X]Y a] \ hUbhY 5bgWX \ A[Y \ Y []h]a]YfYb ž UVYf Ui W X UfUi Z \]bk]YgYb ž XUgg gc \ WX Y HUhYb hU_hj c \ UV[Y \ Y \ bh k YfXYb ž i a i bdc \]h]gWX Y 6Yk c\bYf b]WX h ni j YfgWX f Y W_Yb"

GhUh]gh]_Yb ni a @]b_gYl hfYa]ga i g

- ; Yk $U^cf]Ybh]YfhY'@]b_gYIhfYa]ghYb.'%%"&$$$
- B]Wkh'[YkU`hcf]Ybh]YfhY'@]b_gYlhfYa]ghYb.'&+",\$\$
- @]b_gYI hfYa]gh]gW\Y`GhfUZhUhYb.`("&(, '8Y`]_hY`f&\$&&.
 ' ", (+Ł
- $\bullet \;\; ; \;\; Yk\;\; U`hhUhYb.\; '+&+\; '8\; Y`]_hY\; 'f\&\$\&\&.\; '*\; \&%\&.\; '*\; \&%\&.\; `*\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; \&%\&.\; '*\; \&%\&.\; \&%\&.\; '*\; \&%\&.\; \&%\&.\; \&%\&.\; '*\; \&%\&.\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; '*\; \&%\&.\; \&%\&.\; \&%\&.\; '*\; \&%\&.\; \&%\&.\; \&%\&.\; \&%\&.\; '*\; \&%\&.\; \&%\&.\; \&%\&.\; '*\; \&%\&.\; \&%\&.\; \&%\&.\; \&%\&.\; '*\; \&%\&.\; \&%\&.\; \&%\&.\; '*\; \&%\&.\; \&%\&.\; \&%\&.\; \&%\&.\; '*\; \&%\&.\; \&$
- $\bullet \ \ GhfUZhUhYb~[~Y[~Yb~F~YWV~hgYl~hfYa~]ghYb.~`\%"*~)~\$~8~Y~]_hY$

 $\pm 0.7 \ Ya \ b]hn^{\circ}]gh^{\circ}X]Y^{\circ}G]hi \ Uh]cb^{\circ}VYgcbXYfg^{\circ}Ub[\ YgdUbbhž^{\circ}XU^{\circ}X]Y$

GhUXhj Yfk U`hi b['g]W\ 'nk Uf'Zcfa U``j cb'9l hfYa]ga i g'X]ghUbn]Yfhž [`Y]W\ nY]h]['YXcW\ 'a]h'XYf'GD8 'i bX'XYf'781 'a]h'5_hYi fYb _ccdYf]Yfhž'X]Y']b'XYf'J Yf[Ub[Yb\Y]h'Ub'8Ya cbghfUh]cbYb'[Y[Yb XUg'NYbhfi a 'XYf'=XYbh]hÀfYb'6Yk Y[i b['hY]'[Ybca a Yb'\UVYb" @Ui h'XYb'6Yf]W\ hYb'_ObbhY'X]YgY'Ni gUa a YbUfVY]h'i bX'X]Y V]g\Yf][Y'={ bcfUbn'[Y[YbØVYf'Yl hfYa]gh]gW\Yb'JcfZÀ``Ybž'k]Y XYa 'U_hi Y``Yb'5b[f]ZZž'X]Y'dc`Uf]g]YfhY'Gh]a a i b[']b'XYf'GhUXh k Y]hYf'Ub\Y]nYb"

 $\pm g [YgUa h'XYi hYh'X]Y'?ca V]bUh]cb'j cb'[Yk U`hhÀh][Yb'5b[fY]ZYfbž cf[Ub]g]YfhYf'@]b_gYI hfYa]ga i g'i bX'dc`]h]gWkYf'9]bZi ggbU\a Y Ui Z'Y]bY'VYgcf[b]gYffY[YbXY'9bhk]W_`i b[<math>\check{z}$ X]Y'gck c\``X]Y G]WkYf\Y]h'U`g'Ui Wk'XYb'[YgY``gWkUZh`]WkYb': f]YXYb']b'7\Ya b]hn VYXfc\h''K À\fYbX'X]Y'6Y\ÒfXYb'k Y]hYf\]b'j Yfgi WkYb \check{z} X]Y'@U[Y ni 'ghUV]`]g]YfYb \check{z} 'V`Y]Vh'UVni k UfhYb \check{z} 'k]Y'X]Y'; YgY``gWkUZh'Ui Z X]YgY'Yfbgh\UZhYb'9bhk]W_`i b[Yb'fYU[]YfYb'k]fX''

8 YhU]`g	
J cfZU``	J Ub XU`]ga i g
Cfh	7\Ya b]hnž8Yi hgWX`UbX
: YghbU\a Yb	%
EiY``Yb	kkk "WcadUWh!cb`]bY"XY
	• \Y]a Uh_i f]Yf"Uh
	k k k "j YfZUggi b[ggW\i hn"XY

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