

$GWX cW_VY] < YfhVU'6G7. 'JYfhfUi']WXY$?f]gYbg]hni b['OZZYbh']WX'

8]Y 'G]hi Uh]cb'VY]' < Yfh\U'6G7']gh'Ub[YgdUbbh'BUW\XYf'Xf]hhYbB]YXYf'U[Y']b':c`[Y'\Uh'?Ud]hÀb'Hcb]'@Y]ghbYf'Y]bY'?f]gYbg]hni b[Y]bVYfi ZYbžii a 'X]Y 'A UbbgW\UZh'ni 'Y]bYb'i bX'Ui Z'X]Y
VYj cfghY\YbXYb' < YfUi gZcfXYfi b[Yb'j cfni VYfY]hYb'''9g'gc``hY'Y]b
j YfhfUi `]W\Yg'; YgdfÀW\'k YfXYbž'XcW\'XYf'GW\cW_'_Ua 'gW\bY``.

\$\phYfbY' \phZcfa Uh]cbYb'Ui g'X]YgYf'G]hni b['`]YZYb']b'X]Y'A YX]Yb
i bX'gcf[hYb'ZØf'5i ZfY[i b['''@Ui h'6Yf]W\hYb'j cb''6Yf`]b''@]j Y'k UfZ
@Y]ghbYf'XYa 'hU`Ybh]YfhYb'8Yffm'GW\Yf\Ubh'j cfž'ni 'Y[c]gh]gW\'ni
gd]Y`Yb'''7cUW\'7\f]gh]Ub':]\hat{X}\zXYf'gY`Vgh'b]W\h'Ub'XYf'G]hni b[
hY]'bU\a z'nY][hY'g]W\'\@VYf'X]Y'K Y]hYf[UVY'j YfhfUi `]W\Yf'8YhU]`g
gY\f'j Yf\haf[Yfh'' 8Ugg'Ui g'gc'Y]bYa '; Ygdf\hat{X}\'\8]b[Y'bUW\'Ui \rightarrow Yb
_ca a Yb'' 'i bX']W\'gW\@hY'X]Y'\rightarrow b[g'a]h'U``Ya ''XUg']gh'b]W\h
[i h z'Yf_`\hafhY'Yf'j cf'XYa 'k]W\h][Yb'5i gk \hafhgdd]Y`'[Y[Yb
<Ubbcj Yf'-*"

5`Ufa gh]a a i b['j cf'XYa 'Gd]Y`

8]Y'5`Ufa gh]a a i b[']b'XYf'<Ui dhghUXh']gh'bi b'[fY]ZVUf"'BUWX'bi f Y]bYa 'G]Y['Ui g'XYb'`YhnhYb'gYWXg'Gd]Y`Yb']b'XYf'&"'6i bXYg`][U Xfc\Yb'X]Y'5Vgh]Y[gfÀb[Y'bÀ\Yfni _ca a Yb"'; Yd`Ubh']gh'Y]b'G]Y[]b'<Ubbcj Yfž'i bhYfghØhnh'j cb'fi bX'%\$"\$\$\$'Y][YbYb': Ubgž'i a 'X]Y _f]h]gWXY'@U[Y'ni 'YbhgWXÀfZYb"':]Å`'VYa Yf_h'Ui WX'X]Y 8f]b[`]WX_Y]h' 9g'k Uf'k]WXh][ž'XUgg'g]Y'a U`'U``Y]bY'ØVYf'X]YgY 8]b[Y'gdfYWXYb ž'gU[hY'Yf'i bX'VYhcbhY'XYb'dcg]h]j Yb'5gdY_h'XYg cZZYbYb'5i ghUi gWXg"' \(\alpha WX'[`Ui VYž'XU']gh'XYf'Y]b'cXYf'UbXYfY

XUVY]ž'XYf'bcW\a U``9]bZi gg'bY\a Yb'_Ubb'Ui Z'X]Y'^1 b[YbGd]Y`Yf" '8 Ug'HYUa 'VYbÒh][h'Xf]b[YbX'Y]bYb'A ch]j Uh]cbggW\i V i bX'Y]b'[i hYg'9f[YVb]qž'i a 'XYb'8fi W_'ni 'fYXi n]YfYb"

Jcf XYa 'Gd]Y``\Uh'X]Y 'A UbbgW\UZh'X]Y '<cZZbi b[ž'a]h'Hcf'À[Yf: `cf]Ub 'B]YXYf`YW\bYf 'ni 'gd]Y`Ybž'XYf'_Øfn`]W\ 'a]h'Y]bYa 'DfcV`Ya Ui g'Y]bYa 'A UhW\ [Y[Yb 'DfYi » Yb 'A ØbghYf'Ui g[Yk YW\gY`h'k i fXY" GY]b '9]bgUhn'_ÒbbhY 'YbhgW\Y]XYbX'gY]bž'XYbb'X]Y'NY]h'XfÀb[h'i bX < Yfh\U'a i gg'gW\bY``ghYbg'k]YXYf'Ui Z'9fZc`[g_i fg'_ca a Yb"'K]Y' 8]Y'K Y`h'VYf]W\hYhYž'a UW\h'g]W\:]Å`'U``YfX]b[g'_Y]bY'Gcf[Yb'i a gY]bY'Ni _i bZh']a 'HYUa ž'XU'gY]bY'?cbnYbhfUh]cb'Ui Z'XYb bÀW\ghYb'GW\f]hhYb'`]Y[h''8]Y'_ca a YbXYb'Gd]Y`Y'_ÒbbhYb'ØVYf X]Y'Ni _i bZh'XYf'[YgUa hYb'A UbbgW\UZh'YbhgW\Y]XYb"

8 Y hU]`g	
EiY``Yb	• k k k "VYf`]b!`]j Y"XY
	• k k k "k Y`h"XY

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