

## BUW \U`h][ $_Y$ ]hgVYf]W h'&\$&' . 'U/ Ua d/c gYb\_h'7C&Y!9a ]gg]cbYb'Ui Z'' ž' &'\_[ 'dfc $_{_{3}}$ VYfbUW hi b[



U/c'<cghY`g`\Uh'ni a 'nk Y]hYb'A U``Y]bYb'BUW\\U`h][\_Y]hgVYf]W\h
j YfÒZZYbh`]W\h"'=a '`YhnhYb'>U\f'\_cbbhY'XUg'I bhYfbY\a Yb'X]Y'7C&Y!
9a ]gg]cbYb'i a 'k Y]hYfY'( %\$'; fUa a 'dfc', VYfbUW\hi b['gYb\_Yb
i bX'YffY]W\hY'XUa ]h'XYb'8i fW\gW\b]hhgk Yfh'j cb'' Z'&'?]`c[fUa a "
GY]h'XYa '6Y[]bb'XYf'A Yggi b[Yb']a '>U\f'&\$%) 'k i fXYb'X]Y

9a ]gg]cbYb ii a 'a Y\f'U`g'++'DfcnYbh'fYXi n]Yfh" =a '6Yf]W\hg'U\f k i fXYb '&\$ '< Ài gYf'XYf' < cghY`\_YhhY 'a ]h'XYa '; fYYbG][ b '@Yj Y`'( fYnYfh]Z]n]Yfh" 'U/ c']bj Ygh]YfhY'' \$\$"\$\$\$ '9i fc']b'X]Y'K Y]hYfV]`Xi b[ i bX'GW\i `i b[ 'XYf'A ]hUfVY]hYf'i bX'\Uh'k Y]hYfY'&\$'A ]``]cbYb'9i fc ZØf'YbYf[ Yh]gW\Y'GUb]Yfi b[ Yb'V]g'&\$&- 'Y]b[ Yd`Ubh"'8 Ug'N]Y``XYg I bhYfbY\a Ybg']gh'Ygž'V]g'&\$&) 'X]Y'YfghY'BYh!NYfc! < cghY`\_YhhY 9i fcdUg'ni 'gY]b"

U/ c'k i fXY']a '\\\f'&\\$\\$']b'6\Yf']b'[\Y[f@bXYh'i bX']gh'a ]h'' - <\hat{Ai gYfb']b'bYi b'@\hXYfb'X]Y'[f\hat{O}\rightarrow hY'df]j UhY'Yi fcd\hat{A}]gW\Y <cghY`\_YhhY''8Ug'I bhYfbY\a Yb'\Uh'fi bX'&\\*'', \\$\fo'\hY'b'Ub'\&\\*' GhUb\XcfhYb''8Ug'BUW\\U`h][\_Y]hgYb[U[Ya Ybh'j cb'U/ c'i a \ZUggh i bhYf'Ub\XYfYa 'X]Y'YbYf[Yh]gW\Y'GUb]Yfi b['\hat{A}\rightarrow hYfYf'; YV\hi XY\z'\Z\fof X]Y'V]g'\&\\$\epsilon - \&\\$'A]``]cbYb'9i fc'Y]b[Yd`Ubh'g]bX''\=a '\\\f'\&\\$\&' k i fXY'XUg'U/ c'A \@bW\Yb'\<\uW\_YfVf\@W\_Y'\Z\fof fi bX') '\hallow ]``]cbYb'9i fc YbYf[Yh]gW\'gUb]Yfh'i bX'a cXYfb]g]Yfh''\8 Ug'I bhYfbY\a Yb'j YfZc`[h XUg'N]Y'\z'\Jg'\&\\$\end{a}\] BYh'NYfc'ni 'gY]b'i bX'\X]Y'\7 C\&\Y!\9\a ]gg]cbYb'dfc \VYfbUW\hi b['Ui Z'k Yb][Yf'U`g'\XfY]'?]`c[fUa a 'ni 'fYXi n]YfYb''

8 ]Y [ fô» hYb < YfUi gZcfXYfi b [ Yb ] b 6 Yni [ 'Ui Z'X]Y B UW \ U h] [ \_Y] hgghfUhY [ ]Y j cb 'U/ c g] b X X]Y ; YVÀi XYYZ]n]Ybn'i b X X]Y 6 YgW UZZi b [ "8 U - \$ 'DfcnYbh'XYf' U/ c! < cghY`g 6 YghUb Xg]a a c V] ']Yb 'g] b Xž ]gh'X]Y 'Yb Yf [ Yh]gW Y 'GUb]Yfi b [ 'X]YgYf ; YVÀi XY 'Y] b Y k ]W h] [ Y 5 i Z [ UVY " 6 ]g & & - 'g] b X k Y] hYfY & \$ A ]``]cb Yb '9 i fc 'ZØf'X]Y 'Yb Yf [ Yh]gW Y 'GUb]Yfi b [ 'Y] b [ Yd`Ubhži a a ]b XYghYbg'X]Y '9b Yf [ ]YYZZ]n]Ybn\_`UggY '7 'ZØf'YXYg' < Ui g'ni YffY]W Yb "8 ]Y F YXi n]Yfi b [ 'XYf']b X]fY\_hYb HfY]V\Ui g [ UgYa ]gg]cb Yb ž'X]Y 'Xi fW 'j cf! i b X'b UW [ Y`U [ YfhY 5 \_h]j ]hÀhYb Yb hghY\Yb ž']gh'YVYb ZU``g'Y]b Y \_ca d `YI Y '5 i Z [ UVY" U/ c \ Uh'Y]b Y'; fi b XgUhnYf\_`Àfi b [ 'ni 'A YbgW YbfYW hYb 'Ybhk ]W\_Y`h i b X'j Yfd Z ]W hYhg]W 'ni f '5 W hi b [ 'XYf'A YbgW YbfYW hY']a Y] [ Yb Yb'; YgW À ZhgVYfY]W 'gck ]Y ']a ' < ]b V`]W\_'Ui Z'Y]b [ Y\_Ui ZhY 8 ]Ybgh'Y]ghi b [ Yb'i b X K UfYb"

: Øf'k Y]hYfY' ±bZcfa Uh]cbYb'ghY\Yb'D\]``]d'K ]bhYfž'7A C'U/c < cghY`gž'i bX'5fVYb'A U`]e]ž'9G; '8]fYWhcfž'U`g'5bgdfYW\dUfhbYf'ni f JYfZØ[i b["'8Yf'BUW\\U`h][\_Y]hgVYf]W\h'j cb'U/c'\_Ubb'UV'gcZcfh \Yfi bhYf[Y`UXYb'k YfXYb"

HUVY``Y. '?Y]bY'fY`Yj UbhY'HUVY``Y'j cf\UbXYb"

 $E i Y^{Y}, U/c < CH9@GUbX < CGH9@G#chg$ 

8 YhU]`g

6 Y gi W Y b 'G ] Y 'i b g 'U i Z. 'a Y ] b ! V Y f ` ] b "b Y h