

5 i Za Yf_gUa Yf`NYi [Y`_`Àfh`l bZU``Z`i W\h]b`K U`XYfg\cZ'Ui Z

9]b'*-!À\f][Yf'Zi\f']b'K U`XYfg\cZ'[Y[Yb'Y]bYb'[YdUf_hYb5iX]'ibX'ZØW.hYhY/NYi[Y'\U`Z'VY]'XYf'5iZ_`Àfib['XYgJcfZU``g"

9]bY'i bgW\ObY'G]hi Uh]cb'YfY][bYhY'g]W\'Ua 'A]hhk cW\UVYbX']b

K U'XYfg\cZz'U`g'Y]b'*-!'\A\f][Yf'5i hcZU\fYf'Y]bYb'[YdUf_hYb'5i X]

UbZi\f'i bX'g]W\'XUbb'Y]bZUW\'j ca 'Cfh'XYg'; YgW\Y\Ybg

YbhZYfbhY"'8Yf'JcfZU``'ZUbX'[Y[Yb'%+"' \$'I \f']a'; Yf\Ufh!

<Ui dha Ubb!K Y['ghUhh'i bX'\AhhY'a O[`]W\Yfk Y]gY']a'8i b_Y`b

V`Y]VYb'_ObbYbz'k AfYb'b]W\h'X]Y'k UW\gUa Yb'5i [Yb'Y]bYg

NYi [Yb'Ui Z'X]Y'HUh'[Yghc» Yb"

9]b 'Ui Za Yf_gUa Yf'NYi [YžXYf'XYb'JcfZU``'VYcVUW\hYhYž'a Y`XYhYXUg'; YgW\Y\Yb'i a [Y\YbX'XYf'Dc`]nY]"'8 Ub_'gY]bYf'gW\bY``YbFYU_h]cb'_cbbhY'XYf': U\fYf'Yfa]hhY`h'k YfXYbž'XYf'g]W\b]W\h'i aXYb'Ub[Yf]W\hYhYb'GW\UXYb'_Øa a YfhY"'8Yf'XUVY]'YbhghUbXYbYGUW\gW\UXYb'k]fX'Ui Z'Yhk U'+\$\$'9i fc'[YgW\Ahnhž'k]Y'X]Y'Dc`]nY]H]fgW\YbfYi h\`a]hhY]`hY"

8 YhU]`q'XYq'JcfZU``q

8]Y'l a ghÀbXY'XYg'J cfZU``g'g]bX'ZØf'j]Y`Y'5i hcZU\fYf
bUW\ni j c``n]Y\Yb"'9g']gh'b]W\h'gY`hYbž'XUgg'VY]a 'FØW_k ÀfhgZU\fYb
i bUi Za Yf_gUa Y'A ca YbhY'YbhghY\Ybž'X]Y'ni 'gc`W\Yb'l bZÀ``Yb
ZØ\fYb"'\delta'X]YgYa ': U```k Uf'XYf'*-!\A\f][Y'cZZYbVUf'gc']b
; YXUb_Yb'j Yfgi b_Ybž'XUgg'Yf'b]W\h'VYa Yf_hYž'k]Y'Yf'[Y[Yb'XUg
dUf_YbXY': U\fnYi ['gh]Y\similation '5bghUhh'X]Y'5b[Y`Y[Yb\Y]h'ni '_`ÀfYb
i bX'gY]bYb'DZ]W\hYb'bUW\ni _ca a Ybž'gi W\hY'Yf'XUg'K Y]hY''

8]Y'Dc`]nY]'H]fgWXYbfYi h\'bi hnh'X]YgYb'JcfZU```U`g'; Y`Y[Yb\Y]hžia'Ub'U``Y'JYf_Y\fghY]`bY\a Yf'ni 'UddY``]YfYbž'VYgcbXYfgjcfg]WXh]['ni 'gY]bž'k Ybb'g]Y'fØW_k Àfhg'ZU\fYb"'8]YJYfUbhk cfhib['[Y[YbØVYf'UbXYfYb'JYf_Y\fghY]`bY\a Yfb'ibX[YdUf_hYb': U\fnYi[Yb'gc``hY'b]WXh'UiZ'X]Y'`Y]WXhY'GWXi`hYf[YbcaaYb'k YfXYb"

7ci fU[Y'i bX'JYfUbhk cfhi b[gVYk i gghgY]b'g]bX'k]Wkh][Y'K YfhY]a 'GhfU» Ybj Yf_Y\f"'9g']gh'YbhgWkY]XYbXž'X]Y'Y][YbYb'< UbX'i b[Ybni 'fYZY_h]YfYb'i bX'Ui Z'X]Y'G]WkYf\Y]h'U``Yf']a 'GhfU» Ybj Yf_Y\f'ni UWkhYb"'8Yf'*-!À\f][Yž'XYggYb'G]WkYf\Y]hgVYk i gghgY]b'bi b']b : fU[Y'ghY\hž'k]fX'g]WkYf`]Wk'X]Y'fYWkh`]WkYb'?cbgYei YbnYb'gY]bYg < UbXY`bg'ni 'gdØfYb'VY_ca a Ybž']bgVYgcbXYfY'XU'X]Y'Dc`]nY] XUb_'XYg'NYi [Yb'gWkbY``Y]b[fY]ZYb'_cbbhY"'Gc`WkY Jcf_ca a b]ggY'gc``hYb'U`g'K Ufbi b['X]YbYbž'i a 'X]Y'G]WkYf\Y]h Ui Z'XYb'GhfU» Yb'ni 'j YfVYggYfb'i bX'j YfUbhk cfhi b[gVYk i ggh'ni \UbXY`b"

8 Y hU]`q

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