

GWX k YfYf'I bZU``'Ui Z'XYf'< YfZcfXYf GhfU» Y. '8fY]'J Yf`YhnhY'i bX'HchU`gWX UXYb

 $< YfZcfXYf`GhfU > Y`]b`6]Y`YZY`X`bUWX`I bZU```[YgdYffh.`8fY] \\ JYf`YhnhY`i bX`Yf\YV`]WXYf`GUWXgWXUXYb`bUWX`?c``]g]cb`Ua \\ A]hhk cWX"$

I $bZU^{\circ}gcf[hZØf^{\circ}[fc Y5igk]f_ib[Yb^{\circ}UiZ^{\circ}X]Y$ J $Yf_Y fgg]hiUh]cb^{\circ}b^{\circ}d^{\circ}Y^{\circ}X$

9]b J Yf_Y\fgi b ZU```Ua 'A]hhk c W a]hhU[']b '6]Y `Y ZY `X '\ Uh 'b]W h 'b i f ni 'J Yf `Yhni b [Yb '[Y ZØ\ fhž 'gc b X Y fb 'Ui W 'X]Y 'Òfh`]W Y J Yf_Y\fgg]hi Uh]c b 'Yf\YV`]W 'VYY]b hf À W h][h" 8]Y '< Yf Zc f X Y f 'Ghf U "Y a i gghY '[Y[Yb '%' "' \$ 'I \f 'ZØf 'Y]b Y b 'NY]hf Ui a 'j c b 'Yhk U 'Y]b Y f Ghi b X Y '[Ygd Y ff h'k Y f X Y b " 8]Y g Y 'A U " b U\a Y 'V Y h f U Z'a Y\f Y f Y 5 i hc ZU\f Y f i b X 'ZØ\f h Y 'ni 'GhUi g ']b 'X Y f 'I a [Y V i b ["

8 YhU]`g`XYg`JcfZU``g

 $8 \ Yf'I \ bZU```YfY][\ bYhY'g]WX'nk \]gWXYb'XYf'F UVYb \ cZ''i \ bX'XYf'A \]`gYf GhfU» Yž'U`g'Y]b'5i \ hcZU \ fYf'a \]h'XYa ': U \ fnYi ['Y]bYf'* $!'Å \ f][Yb : fUi 'Ui g'6]Y`YZY`X'_c``]X]YfhY'''8]YgY'k UfhYhY'Ub'XYf'< Y]`VfcbbYf GhfU» Y'Ui Z'X]Y'A <math>O[`]WX_Y]hž'Ui Z'X]Y' < YfZcfXYf'GhfU» Y'UVni V]Y[Yb'' 8 Yb'6Yf]WX hYb'ni Zc`[Y'k UfYb'VY]XY': U \ fnYi [Y'b]WX h'a Y \ ZU \ fVYfY]h'i bX'Yf`]hhYb'HchU`qWX UXYb''$

8 | Y'J Yf`YhnhYb

6Y] XYa 'Ni gUa a Ybghc» 'k i fXYb ']bg[YgUa h'XfY] 'DYfgcbYb j Yf Yhnh" '8]Y '* \$! À\f][Y 'a i gghY 'k Y[Yb ']\fYf 'gW\k YfYb J Yf Yhni b[Yb ']bg'? fUb_Yb\Ui g'[YVfUW\h'k YfXYb"'=\f'9b_Y`ž'XYf

ni a 'NY]hdi b_h'XYg'l bZU``g'Ui Z'XYa '6Y]ZU\fYfg]hn'gU» ž``]hh'i bhYf Y]bYa 'GW\cW_'i bX'k i fXY'YVYbZU``g'ni f'a YX]n]b]gW\Yb JYfqcf[i b['hfUbqdcfh]Yfh"

FY`Yj Ubn'ZØf'X]Y'5bk c\bYf

Gc`W\`hfU[]gW\Y`I bZ\``Y`g]bX`b]W\h'bi f`Z\Øf`X]Y`6YhfcZZYbYb`j cb 6YXYi hi b[\check{z} 'g]Y`nY][Yb`Ui W\ \check{z} 'k]Y`j Yf`Yhn`]W\`X]Y JYf_Y\fgg]W\Yf\Y]h`Ub`j]Y`VYZU\fYbYb`GhfU\(\)Yb`]gh"`8 Ug`9fY][b]g j YfXYi h`]W\h'X]Y`Bchk YbX][_Y]h`Z\Øf`Y]bY`j YfVYggYfhY JYf_Y\fgYfn]Y\i b[`i bX`X]Y`\(\alpha\) d`Ya Ybh]Yfi b[`ni g\hn`]W\Yf G]W\Yf\Y]hga U\(\alpha\) bU\\\a Yb\z'i a `ni _\Øb\zh][Y`Jcf\z\\``Y`ni j Yfa Y]XYb i bX`XUg`JYfhfUi Yb`XYf`5bk c\bYf`]b`X]Y`G]W\Yf\Y]h`]\fYf`GhfU\(\alpha\)Yb ni `gh\h_f_Yb"

: Un]h

8]Y'GdYffi b['XYf'<YfZcfXYf'GhfU»Y'i bX'X]Y'JYf`YhnhYb']b': c`[YXYg'l bZU``g'g]bX'hfU[]gWXY'9f]bbYfi b[Yb'XUfUbž'k]Y'gWXbY``'g]WXX]Y'8]b[Y'ÀbXYfb'_ÒbbYb"'8]Y'JYfUbhk cfh`]WXYb']b'XYf
JYf_Y\fgd`Ubi b['g]bX'[YZcfXYfhž'X]Y'l bZU``i fgUWXYb'ni
UbU`mg]YfYb'i bX'[YY][bYhY'A U» bU\a Yb'ni f'JYfVYggYfi b['XYfJYf_Y\fgg]WXYf\Y]h'ni 'Yf[fY]ZYb"'8]Y'5bk c\bYf'\cZZYb'Ui Z
gWXbY``Y'A U» bU\a Yb'ni f'JYfVYggYfi b['XYf'JYf_Y\fgg]hi Uh]cbž
i a 'gc`WXY'JcfZÀ``Y']b'XYf'Ni _i bZh'ni 'j Yfa Y]XYb"

8 YhU]`g

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