

A Y]b]b[Yf'K Y]\bUWX hgVUi a . 'HfUX]h]cb hf]ZZh'Ui Z'k Y`hk Y]hYg'9fVY°

9fZU\fYb'G]Yž'k]Y'AY]b]b[Yb'i bX'7cVi f['X]Y'; YgWX]WXhY XYg'KY]\bUWXhgVUi a g'dfÀ[hYb": Y]Yfb'G]Y'XUg'GYhnYb'XYg AY]b]b[Yf'KY]\bUWXhgVUi a g'Ua'&"'Bcj Ya VYf"

A Y]b]b[Ybž'8Yi hgWX`UbX`! 5a `&"`Bcj Ya VYf`k]fX`]b`A Y]b]b[YbY]b`ZYgh`]WXYf`6fUi WX`[YZY]Yfh. '8Yf`KY]\bUWXhgVUi a `k]fXhfUX]h]cbY```Ua `YfghYb`Bcj Ya VYfgUa ghU[`[YYfbhYh`i bX`bcWX`Ua gY`VYb`HU[`Ui Z'XYa `A Uf_h`Ui Z[YghY``h"`8]YgYf`dfÀWXh][Y`6Ui a k]fX`XUbb`V]g`ni a `KY]\bUWXhgZYgh`XUg`GhUXhV]`X`Yf`Yi WXhYb`i bXX]Y`6Ygi WXYf`a]h`gY]bYa ; `Ubn'j YfnUi VYfb`'

 $\label{thm:complex} K \ i \ gghYb \ G]Yz \ XUgg \ XYf \ VYf \ A \ hY \ K \ Y]\ b \ UW \ hgVUi \ a \ "j \ cf \ XYa \ F \ cW_YZY \ Yf \ 7Yb \ hYf \ gY]b \ Y \ K \ i \ fnY \ b \ "]b \ A \ Y]b]b[\ Yb \ \ Uh3 \ 8]Y \ J \ YfV]bXi \ b[\ fY]W \ h'ni \ f \ W_\]bg' \ W \ Tybz \ Yf \ b \ XYbz \ XYb \ K \ Y]\ b \ UW \ hgVUi \ a \ gW \ cb \ Zf \ N \]b \] \ Yf \ b \ Tyb \ hfi \ ["8 \ Ug \ U \ Yg \ VY[\ Ubb \ a \]h'Y]b \ Ya \ 6 \ Ygi \ W \ VY] \ XYf \ A \ Y]b]b[\ Yf \ Df]bn \ Ygg]b \ 5 \ XY \ Y]Xz \ J \ Whcf] \ Ug \ H \ UbhY" \ Gc \ X \ MfZYb \ X]Y \ 7 \ c \ Vi \ f[\ Yf \ ghc \ n \ Ui \ Z']\ Y \ X \ Y]\ b \ UW \ hgVUi \ a \ [\ YgW \]W \ hY \ gY]b \ Z'X]Y \ V]g \ b \ UW \ 5 \ a \ Yf] \ U'gW \ U \ hY''''$

GY]Yb'G]Y'Ua '&"'Bcj Ya VYf'UV'%\$'I\f'`]j Y'XUVY]°'; Yb]Y» Yb'G]Y 6fUhk i fghž; `Ø\k Y]b'i bX'A i g]_ž'k À\fYbX'XYf'A Y]b]b[Yf K Y]\bUW\hgVUi a 'Ui Z[YghY``h'k]fX"'I bX'j YfdUggYb'G]Y'b]W\h'XYb A Ufh]bga Uf_h'i bX'XYb'j Yf_Ui ZgcZZYbYb'GcbbhU[ž'i a 'Y]bYb YfghYb'6`]W_'Ui Z'X]Y'[fØbY'GW\Òb\Y]h'ni 'k YfZYb"'8Yf K Y]\bUW\hgnUi VYf']b'A Y]b]b[Yb'VY[]bbh''A Y\f'XUni 'YfZU\fYb'G]Y \]Yf"

8 Y hU]`g	
Cfh	AY]b]b[Ybž'8YihgWX`UbX

 $6\,Y\,gi\,\,WX\,Y\,b\,{}^*G\,]Y\,{}^*i\,\,b\,g\,{}^*Ui\,\,Z.\,{}^*X\,]Y\,!\,b\,U\,WX\,f\,]WX\,\,hY\,b\,{}^*b\,Y\,h$