

8fY]'A Ug_]YfhY'ØVYfZU``Yb'Gd]Y`ch\Y_']b GYbbYghUXh'!'NYi [Yb'[Ygi W\h'

8fY]'a Ug_]YfhY'A ÀbbYf'ØVYfZU``Yb'Gd]Y`ch\Y_']b'6]Y`YZY`Xž VYXfc\Yb'A]hUfVY]hYf'a]h'D]ghc`Y'i bX'ZcfXYfb ?UggYbgW\`ØggY`"Dc`]nY]'gi W\h'NYi[Yb"

5`ha Ø\`ghfU» Yž'' ' +' - '6]Y`YZY`Xž'8 Yi hgW\`Ub X'!' \ 6]Y`YZY`Xž X]Y'Dc`]nY]'gi W\h'Z]YVYf\UZh'bUW\'XfY]'A ÀbbYfbž'X]Y']b'XYf'BUW\h Ui Z'8cbbYfghU[ž'XYb'&+"': YVfi Uf'&\$&) ž'Y]bY'Gd]Y`ch\Y_'Ub'XYf 5`ha Ø\`ghfU» Y'ØVYfZU``Yb'\UVYb"'I a '%'I\f'bUW\hg'VYhfUhYb'X]Y a Ug_]YfhYb'HÀhYf'X]Y'Gd]Y`\U``Y'i bX'\]Y`hYb'Y]bYb'A]hUfVY]hYf'a]h Y]bYf'gW\k UfnYb'D]ghc'Y']b'GW\UW\"'I bVY_Øa a Yfh'ZcfXYfhY'XYf VYk UZZbYhY'5b[fY]ZYf'XYb'? UggYbgW\`ØggY`'i bX'VfUW\hY'XYb A]hUfVY]hYf'[Yk U`hgUa 'ni '6cXYbž'k À\fYbX'Y]b'?ca d`]nY']\a'XYb GW\`ØggY``UVbU\a"

 $\label{eq:linear_norm} Nk\ Y]^*XYf^*FÅi\ VYf^*k\ i\ fXYb^*U^*g^*_Y]b\check{z}^*X\varnothing bb^*i\ bX^*Xi\ b_Y^*[\ Y_^Y]XYh\ VYgWk\ f]YVYb"^8\ Yf^*Xf]hhY\check{z}^*XYf^*X]Y^*K\ UZZY^*Z\varnothing \ fhY\check{z}^*k\ i\ fXY^*U^*g^*X]W_*'i\ bX\ a\]h^*gWk\ UfnYf^*<Ui\ hZUfVY^*[\ YgWk]^*XYfh"^9f^*hfi\ [\ 'Y]bY^*\Y^*Y^*<cgY\check{z}\ Y]bY^*Xi\ b_^Y^*JW_Y^*i\ bX^*Y]bY^*6UgYWUd"^8]Y^*Dc^*]nY]^*V]hhYh^*Xf]b[\ YbX\ i\ a\ '<]bk\ Y]gY^*Ui\ g^*XYf^*6Yj\ O^*_Yfi\ b[\ \check{z}^i\ a\ 'X]Y^*g_fi\ dY^*`cgYb^*HÅhYf^*ni\ gWk\ bUddYb"$

| 8YhU]`g | |
|--------------|---|
| JcfZU`` | F Ui V |
| Cfh | 5`ha Ø\`ghfU» Yž'' ' +' - '6]Y`YZY`Xž'8 Yi hgW\`UbX |
| J Y f`Y hnhY | % |

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