

K YWX gY`_YbbnY]WX Yb. 'Gc 'gdUfYb 'G]Y 'VY] ? Zn!J Yfg]WX Yfi b['i bX 'GhYi Yfb '

9fZU\fYb'G]Yž'k]Y'K YW\gY`_YbbnY]W\Yb']b'8Yi hgW\`UbX ?cghYb'gdUfYb'i bX'k Y`W\Y': U\fnYi [_ca V]bUh]cbYb'a $\hat{O}[$ `]W\ g]bX"'K]W\h][Y' \Rightarrow Zcg'ZØf'5i hcZU\fYf°

8 Yi hgWX`UbX`!`K YWXgY`_YbbnY]WXYb`V]YhYb`5i hcZU\fYfb`]b
8 Yi hgWX`UbX`X]Y`A Ò[`]WX_Y]hžY]b`Y]bn][Yg`?YbbnY]WXYb`ZØf`nk Y]
: U\fnYi [Y`ni `bi hnYb"`8]YgY`FY[Y`i b[`]gh`VYgcbXYfg`j cfhY]`\UZh
ZØf`: U\fnYi [\U`hYf`j cb`K c\ba cV]`Yb`i bX`C`Xh]a Yfb"`@Ui h`hn"XY
_`ObbYb`Xi fWX`XYb`9]bgUhn`j cb`K YWXgY`_YbbnY]WXYb`g][b]Z]_UbhY
9]bgdUfi b[Yb`VY]`XYb`JYfg]WXYfi b[gdfÀa]Yb`Yfn]Y`h`k YfXYbž
U``YfX]b[g`[]Vh`Yg`]b`6Yni [`Ui Z`X]Y`?Zn!GhYi Yf`_Y]bY

8]Y: U\fnYi [YžX]Y:XUg'K YW\gY`_YbbnY]W\Yb'bi hnYb'_ObbYbž a ØggYb']bbYf\U'V'XYf'['Y]W\Yb'9I!: U\fnYi [_`UggY'ZU``Yb" Ni `Agg]['g]bX': U\fnYi [Y'XYf'?`UggYb'A %'fDYfgcbYbVYZÒfXYfi b[Łž@fNk Y]fAXYfŁ'i bX'C %'fbb\Ab[Yf'V]g'+) \$'_[Ł"'9]b'VY_UbbhYg 6Y]gd]Y``]gh'X]Y'?ca V]bUh]cb'Y]bYg'5i hcg'a]h'Y]bYa 'K c\ba cV]`cXYf'C`Xh]a Yfž'X]Y'X]Y'k YW\gY`bXY'Bi hni b['Yfa O[`]W\Yb"'=a; Y[YbgUhn'XUni 'a ØggYb'i bhYfgW\]YX`]W\Y': U\fnYi [UfhYbž'k]Y D_k 'i bX'A chcffAXYfž'[YhfYbbh'j Yfg]W\Yfh'k YfXYbž'XU'g]Y i bhYfgW\]YX`]W\Yb'?`UggYb'Ub[Y\OfYbž'k]Y'X]Yj Yfg]W\YfYf"XY VYf]W\hYh"

JcfUiggYhnib[YbZØfKYWXgY`_YbbnY]WXYb

8 YhU]`g	
Cfh	8 Yi hgWX`Ub X
EiY``Yb	• k k k "hn"XY

8 Y hU]`g	
	• k k k "U``]UbnX]fYWh"XY
	• k k k "X]Yj Yfg]W\YfYf"XY

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