

GWXi `ZYf]Yb '7ci bhXck b. 'B]YXYfgUWXgYb ZfYi h'g]WX 'Ui Z'X]Y 'Gca a YfdUi gY °

9fZU\fYb'G]Y'U``Yg'ØVYf'X]Y'GW\i`ZYf]Yb'i bX': Y]YfhU[Y']b B]YXYfgUW\gYb'&\$&). 'HYfa]bYž'8Ui Yf'i bX'VY`]YVhY 5i gZi [gn]Y`Y"



5_hi Y```g]bX`'YXcW\`_Y]bY`GW\i `ZYf]Yb`]b`B]YXYfgUW\gYb"`A]h`XYaGhUfh`XYf`Gca a YfZYf]Yb`a ØggYb`g]W\`GW\Ø`Yf`i bX`9`hYfb`Ui Z'Y]bY\VYgcbXYfg``Ub[Y`5i gnY]h'j cb`(&`HU[Yb`Y]bghY``Yb"`Gc`W\`Y]bY\DUi gY`\À`h'j]Y`Y`AÒ[`]W_Y]hYb`VYfY]hži a `X]Y`NY]h'a]h\gdUbbYbXYb`5i gZØ[Yb`i bX`5VYbhYi Yfb`g]bbj c```ni `bi hnYb"

5VYf'b]W\h'bi f'X]Y'Gca a YfZYf]Yb'ghY\Yb'Ub"' \D'B]YXYfgUW\gYb []Vh'Yg']a '\U\f'&\\$\\ Y]bY'J]Y`nU\`'Ub': Yf]YbhYfa]bYbž'X]Y'Ui Z'X]Y 6YXØfZb]ggY'j cb': Ua]`]Yb'UV[Ygh]a a h'g]bX"' <]Yf'Y]b', VYfV`]W_ ØVYf'X]Y'k]W\h][ghYb': Y]YfhU[Y'i bX'GW\i `ZYf]Yb.

: Yf]Yb#. Y]YfhU[8 Uhi a
K]bhYfZYf]Yb	\$' "\$&"&\$&) · · ·\$("\$&"&\$&)
C ghY fZY f]Y b	\$+"\$("&\$&) ` '%- "\$("&\$&)
6YkY[`]WXYf':Yf]YbhU[' \$"\$("&\$&)
DZ]b[ghZYf]Yb	\$&"\$) "&\$&)
6YkY[`]WXYf':Yf]YbhU[' \$"\$) "&\$&)
Gca a YfZYf]Yb	\$' "\$+"&\$&) ` `%' "\$, "&\$&)
< YfVghZYf]Yb	%' "%\$"&\$&) ` `&) "%\$"&\$&)
K Y]\bUWXhgZYf]Yb	&&"%&"&\$&) ` `\$) "\$%"&\$&*

 $8]Y `[YgYhn`]WXYb `: Y]YfhU[Y `]b `B]YXYfgUWX gYb `V]YhYb `YVYb ZU``g nU\`fY]WXY`A Õ[`]WX_Y]hYb ži a `X]Y : Ua]`]Y `i bX `: fYi bXY `ni `hfY ZZYb cXYf `Y]b ZUWX `a U``X]Y `GYY `Y `VUi a Y`b `ni ``UggYb" <math>=$ a `\$U\f`&\$&) ghY\Yb `%& :: Y]YfhU[Y `Ub ži bhYf `Ub XYfYa `XYf `HU[`XYf `XYi hgWXYb 9]b\Y]hž `XYf `Ua `' "`C_hc VYf `&\$&) `[YZY]Yfh `k]fX" `Ni `XYb `k Y]hYfYb : Y]YfhU[Yb `nÀ\`Yb `BYi 'U\fž `C ghYfb `i bX 'j YfgWX]YXYbY A U]ZY]YfhU[Y"

$5_h]j]hAhYbkA\fYbXXYf:Yf]Yb$

8]Y: Yf]Yb:g]bX:b]Wkh:bi f:Y]bY:hc``Y; Y`Y[Yb\Y]h:ZØf:I f`Ui V:i bX
9f\c`i b[žg]Y:`UXYb:Ui Wk:ni j YfgWk]YXYbghYb:5_h]j]hÀhYb:Y]b"
6YgcbXYfg:VY`]YVh:g]bX:5i gZØ[Y:ni :: fY]nY]hdUf_g:k]Y:XYa
VY_UbbhYb:<Y]XY!DUf_:cXYf:XYa: GYfYb[Yh]!DUf_:]b:<cXYb\U[Yb"
5i Wk:BUhi fYf`YVb]ggY:]a::5`hYb:@UbXž:XYa:[fÒ» hYb
CVghUbVUi [YV]Yh:9i fcdUgž:cXYf:K UbXYfi b[Yb:]a:<Ufn
j YfgdfYWkYb:gdUbbYbXY:5VYbhYi Yf:ZØf:X]Y:[UbnY:: Ua]`]Y":\#b
X]YgYf:NY]h'V]YhYb; Y`Y[Yb\Y]hYb:ZØf:: fY]VUXVYgi WkYi bX
gdcfh`]WkY:5_h]j]hÀhYb:fY]Wk.`]Wk:5VkYWkg`i b[:i bX:: fYi XY"

]b'B]YXYfgUW\gYb'j]Y`Y'CfhY'i bX'5hhfU_h]cbYbž'X]Y'XUfUi Z'k UfhYbž YbhXYW_h'ni 'k YfXYb"'D`UbYb'G]Y'VYfY]hg' \Rightarrow fY'5i gZØ[Y3'9g'[]Vh j]Y`'ni 'gY\Yb'i bX'ni 'Yf`YVYb°

8 Y hU]`g	
Cfh	B]YXYfgUW\gYbž'8YihgW\`UbX
EiY``Yb	• k k k "bYk g"XY
	• k k k "gWXi `ZYf]Yb!
	b]YXYfgUW\gYb"XY
	• k k k "ZYf]Yb!i bX!ZY]YfhU[Y"XY

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'X]Y!bUWX f]WX hYb "Wca