

## ; Yk U`hgUa Y'5i gY]bUbXYfgYhni b[']b K ]YgVUXYb.'Dc`]nY]'b]a a h'nk Y]'A ÀbbYf ZYgh



K ]YgVUXYbž'8Yi hgW `UbX'! \*\ `K ]YgVUXYb'\_Ua 'Yg']b'XYb
ZfØ\Yb'A cf[Ybghi bXYb'XYg'%, "'5df]`ni 'Y]bYa '\YZh][Yb'GhfY]hž
XYf']b'Y]bYa :: Ui ghgW `U['YbXYhY"'8]Y'Dc`]nY]'k i fXY'Ub'XYb
FÒa YfVYf['[Yfi ZYbž'bUW XYa 'Y]b'' &! À\f][Yf'Y]bYa '(\*!À\f][Yb
]bg'; Yg]W\h'[YgW\`U[Yb'\UhhYž'k cfUi Z\]b'XUg'CdZYf'ni '6cXYb'Z]Y`"
6Y]XY'A ÀbbYfž'X]Y'ghUf\_'U`\_c\c`]g]Yfh'k UfYbž'k i fXYb']b
; Yk U\fgUa '[Ybca a Ybži a 'k Y]hYfY'9g\_U`Uh]cbYb'ni 'j Yf\]bXYfb"
8]Y'Dc`]nY]'Yfa ]hhY`h'bi b']b'X]YgYa 'J cfZU``"

 $\label{eq:nky} Ni~XYa~k~i~fXYb~]b~XYf~B~UWA~h~j~cb~A~]hhk~cWA~Ui~Z~8~cbbYfghU[~nk~Y]~;~Yk~YfVYcV~Y_hY~]b~K~]YgVUXYb~N]Y~i~bVY_UbbhYf~9]bVfYWA~Yf"~ \pm b~x^2 + b~x^2 +$ 

XYf'5XY`\Y]XghfU» Y'XfUb['Y]b'HÀhYf'ØVYf'Y]b': YbghYf'Y]b'i bX
Ybhk YbXYhY'6Uf[Y`X"'\dangle XYf'GhfU» Y' 5a 'K YmYf '\_Ua 'Yg'ni
Y]bYa '[Yk U`hgUa Yb'9]bVfi W\ž'VY]'XYa 'gck c\``GW\a i W\_'U`g
Ui W\'Y]b'[fÒ» YfYf'6Uf[Y`XVYhfU['[Yghc\`Yb'k i fXYb"'8]Y
K ]YgVUXYbYf'?f]a ]bU`dc`]nY]'V]hhYhi a '<]bk Y]gY'ni 'XYb'HUhYb"

DUfU``Y``XUni `ZUbXYb`j ca `%+"`Ui Z`XYb`%, "`5df]``[Ya Y]bgUa Y
?cbhfc``Yb`XYf`GhUXh!`i bX`@UbXYgdc`]nY]`]a `FU\a Yb`XYg`DfcY\_hg
G]WXYfYg`K ]YgVUXYb `ghUhh"`\dpg[YgUa h`k i fXYb`&- `DYfgcbYb
\_cbhfc``]Yfhž`XcWX`Yg`k i fXYb`\_Y]bY`JYfghÒ» Y`ZYgh[YghY``h"`K Y]hYfY
?cbhfc``Yb`g]bX`[Yd`Ubhž`i a `X]Y`G]WXYf\Y]h`]b`XYf`GhUXh`k Y]hYf`ni
[Yk À\f`Y]ghYb"

8 Y hU]`g	
J c fZU``	FUi Vž? OfdYfj Yf`Yhni b[ž9]bVfi W
I fgUWX Y	GhfY]hž'8]YVghU\`
Cfh	K]YgVUXYbž'8YihgWX`UbX
J Y f`Y hnhY	%
: YghbU\a Yb	&

6Yqi WXYb G]Y i bq Ui Z b!U[ "XY