

## : Yi Yf']a 'A Y\fZUa ]`]Yb\Ui g. ': Yi Yfk Y\f \_Aa dZh'[ Y[ Yb 'X]W\hYb 'F Ui W\ °

±0.6fYa Yb!BYi ghUXh'k ØhYhY'Ua '&&"'A U]'Y]b'?Y``YfVfUbX']b Y]bYa 'A Y\fZUa ]`]Yb\Ui g"'?Y]bY'JYf`YhnhYbž': Yi Yfk Y\f']a 9]bgUhn"



BYi ghUXhž'6fYa Ybž'8Yi hgWX`UbX'! 5a '8cbbYfghU[UVYbXž'XYb &&"'A U]ž'k i fXY'Y]b'6fUbX']a '?Y``Yf'Y]bYg'K c\b[YVÀi XYg']b'XYf 6fYa Yf'BYi ghUXh'[Ya Y`XYh''8Yf'Bchfi Z'ØVYf'X]Y'Bi a a Yf'%%& YffY]WXhY'X]Y': Yi Yfk Y\f'\_i fn'j cf'&%'I\f''6Y]'XYa '9]bhfYZZYb'XYf YfghYb'9]bgUhn\_fÀZhY'\_Ua 'Yg'ni 'Y]bYf'8i fWXnØbXi b[ž'X]Y'gck c\`XUg'?Y``Yf[YgWXcgg'U`g'Ui WX'XUg'9fX[YgWXcgg'YfZUgghY''8]W\_Yfž gWXk UfnYf'FUi WX'i a \Ø``hY'XYb'9]bgUhncfhž'k Ug'X]Y'G]hi Uh]cb ni gÀhn`]WX'\_ca d`]n]YfhY''A Y\fYfY'5hYa gWXi hnhfi ddg'k i fXYb']bg ; YVÀi XY'[YgWX]W\_hži a 'X]Y': `Ua a Yb'ni 'VY\_Àa dZYbž'k À\fYbX Y]bY'8fY\`Y]hYf']b'GhY``i b['[YVfUWXh'k i fXY''

; `ØW\_`]WXYfk Y]gY`VYZUbX`g]WX`ni a `NY]hdi b\_h`XYg`5i gVfi WXg b]Ya UbX`a Y\f`]a `6fUbXcVY\_h"`8]Y`Ub[fYbnYbXYb`; YVÀi XY a i gghYb'Yj U\_i ]Yfh'k YfXYbž'i a 'g]W\Yfni ghY``Ybž'XUgg'\_Y]bY
DYfgcbYb']b'; YZU\f'[Yf]YhYb"'8Yf'6fUbX'\_cbbhY'bUW\'Yhk U'(\$
A ]bi hYb'i bhYf'?cbhfc``Y'[YVfUW\h'k YfXYb"'8cW\'X]Y
@ÒgW\a U\b bU\a Ybž'Y]bgW\`]Y\b`]W\'XYf'6Y!'i bX'9bh`\ØZhi b['gck]Y
XYf'?cbhfc``Y'XYf'BYVYb[YVÀi XYž'XUi YfhYb'V]g']b'X]Y'BUW\h\]bY]b"'8Yf'Ni [Ub['ni 'XYb'CVYf[YgW\cggYb'k Uf'Ui Z[fi bX
gW\k YfYf'6YgW\\AX][i b[Yb'XYf'HfYddYb'bi f'\ØVYf'X]Y'8fY\`Y]hYf
a Ò[`]W\"

## 6fUbXd\Abca YbY'i bX'< YfUi gZcfXYfi b[Yb

8]Y::Yi Yfk Y\fa i gghY g]WX 'VY] 'XYa '9]bgUhn 'Ui WX 'a ]h'gdYn]Y``Yb 6fUbXd\àbca YbYb 'Ui gY]bUbXYfgYhnYb" @Ui h'5b[ UVYb 'j cb ': Yi Yfk Y\f '@YfbVUf']gh'k \aakta\fYbX 'Y]bYg' \alpha bYbUb[ f]ZZg'Ui Z 6f\abxY 'VYgcbXYfg'Ui Z'5bnY]WX Yb 'Y]bYf 'gWX bY``Yb 6fUbXUi gVfY]hi b[ 'ni 'UWX hYb"'9]bY 'nYbhfU`Y' < YfUi gZcfXYfi b[ 'k Uf \]Yf'X]Y'F Ui WX Xi fWX nØbXi b[ ž'Ui WX 'VY\_Ubbh'U`g' F c``cj Yf ž'VY] XYf'YbhnØbXVUfY 'Dmfc`mgYdfcXi \_hY'i bX'GWX k Y`[ UgY']b'Y]bYa F Ui a 'Ui ZghY][ Yb'i bX'YbhnØbXYh'k YfXYb"'8]YgY'5fh'XYf 6fUbXUi gVfY]hi b[ '\_Ubb'X]Y'@U[ Y'ZØf'X]Y'9]bgUhn\_f\adkalazhY'a Ugg]j j YfgWX \aaktafZyb"

 $8 ]Y ``6fUbXYbhk ]W_`i b[ `gY`Vgh'j Yf`Ài Zh']b `a Y\fYfYb `D\UgYb \check{z} VY[ ]bbYbX `a ]h`XYf`GWk K Y`d\UgY \check{z}']b `XYf`A UhYf]U`]Yb `i bhYf`<]hnY j YfVfYbbYb `i bX'; UgY `ZfY]gYhnYb "`8]YgY `D\UgYb `gd]Y `Yb `Y]bY k ]Wk h][ Y`F c``Y`VY]a `J YfghÀbXb]g`XYg`6fUbXj Yf`Ui Zgž`XYf`g]Wk `]b X]Y `9bhnØbXi b[ gd\UgY ž`K UWk ghi a gd\UgY ž`J c``VfUbXd\UgY `i bX `YhnhYbX`]Wk `]b `X]Y `5V_Ø\`d\UgY `[`]YXYfh" `8]YgY `9f_Ybbhb]ggY `g]bX ]b `XYf`6fUbXgWki hndfUl ]g`j cb `[ fc > Yf`6YXYi hi b[ ž`b]Wk h`ni `Yhnh`ZØf X]Y`G]Wk Yf\Y]h`XYf`9]bgUhn_fÀZhY" `K U[ bYf`; fci d`i bhYfghfY]Wk h X]Y`K ]Wk h][ _Y]h`X]YgYf` \DZcfa Uh]cbYb`ZØf`Y]bY`YZZY_h]j Y 6fUbXVY_Aa dZi b[ "$ 

 $= 3^9 \left[ bgUhn^*k UfYb^*9 \right] b^*Y \right] hYb^*XYf^*: Yi Yf!^i bX^*FYhhi b \left[ gk UWXYb^*% i bX^*(z^*X)Y^*: fY]k^* \right]^* \left[ Y^*: Yi Yfk Y^*f^*6fYa Yb!BYi ghUXhz^*XYf 9 \right] bgUhn^*Y \right] hX \left[ Ybgh^*gck^* \right] Y^*j YfgWX \left[ YXYbY^*gdYn \right] Y^*Y^*: U^*fnYi \left[ Ybz^*XUfi bhYf^*XYf^*; YfAhYk U \left[ Yb^*ZØf^*5hYa gWXi hn^*i bX^*XYf^*; YfAhYk U \left[ Ybz^*ZØf^* - x^* - x^*$ 

 $XYf'9]bgUhn\_f\grave{A}ZhY'\_cbbhY'GW\&`]a\ a\ YfYg'j\ Yf\&]bXYfh'k\ YfXYb'i\ bX'Yg [UV'[`ØW\_`]W\&Yfk\ Y]gY'\_Y]bY'J\ Yf`YhnhYb''$ 

8YhU]`g	
J c f ZU``	6fUbX
Cfh	BYighUXhž6fYaYbž8YihgWX`UbX
Ei Y``Yb	<ul><li>k k k "k YgYf!_i f]Yf"XY</li></ul>
	• k k k "ZYi Yfk Y\f!`YfbVUf"VUmYfb
	• k k k "k U[ bYf[ fci d"Wca

 $6\,Y\,gi\ W\!\!.\,Y\,b\,\,{}^.G]Y\,{}^.i\ b\,g\,{}^.Ui\ Z.\,\,{}^.b\,!\,U[\ "X\,Y\,$