

## 

8 Yf'GYb]cfYbW.cf'/ ei ch/< YUj Yb'7 Ub'K U]h/ ei ch/'VY[Y]ghYfh a ]h'ØVYf'+\$!'À\f][Yb'GÀb[Yfb']a 'Gh"'DUi`]'H\YUhYfž'g]b[h a cXYfbY'<]hg'i bX'ZÒfXYfh'; Ya Y]bgW\UZh"



Gh"DUi `]'H\YUhYfž'&\$') - '< Ua Vi f[ ž'8Yi hgWk `UbX'! = a `Gh" DUi `]'H\YUhYf']b'< Ua Vi f[ j YfnUi VYfhXYf' < YUj Yb'7Ub'K U]h 7\cf 'gY]b'Di V`]\_i a "'K c`Z[ Ub[ 'A Yf\_Ybgž'a ]h'+\$'\*\J\fYb'XUg Øb[ ghY'A ]h[ `]YXž'ghY\h'ghc`n'Ui Z'XYf'6Ø\bY"'8Yf'7\cfž'gY]h'gY]bYf; fØbXi b[ 'j cf'%' '\J\fYb'j cb'\Jb!7\f]ghcd\'GW\Y]VY'[ Y'Y]hYhž VYghY\h'Ui g'() 'GAb[ Yfbž'XYfYb'5'hYf'nk ]gWXYb'+\$'i bX'-' '\J\fYb `]Y[ h'i bX'V]YhYhY]bY'gdUbbYbXY'A ]gWXi b[ '[ Y[ YbØVYf \_`Ugg]gWXYb'@]YXYfb"'GhUhhXYggYb']bhYfdfYh]Yfh'XYf'7\cf'a cXYfbY < ]hg'Ui g'XYb'6YfY]WXYb'F Udž'Dcd'i bX'FcW\_'i bX'\Uh'XUa ]h'Y]b VfY]hYg'GdY\_hfi a 'Ub''A b[ '[ YV']YVYbYf'A i g]\_']a 'FYdYfhc]fY" 6YgcbXYfg'\Yfj cfni \YVYb'g]bX'Gcb[ g'j cb'? ØbghYfb'k ]Y'HUm`cf Gk ]Zh'i bX'A Uf\_': cfghYfž'X]Y'Xi fWX'X]Y'@YVYbg[ YgWX]WXhYb'XYf A'hYfyb'GAb[ YfY]bY'bYi Y'6YXYi hi b[ 'Yf\U`hYb"

8 Yf 5 i Zhf]hh [ Y\ Òfh ni Y]b Yf XY i hg W `Ub Xk Y]h Yb 'Hc i f ž X]Y i fgd f Øb [ `] W `YX][ `] W `U `g `h Ya d c f Å f Yg `Df c Y\_h ]a `Gh " `DU i `] 'H\ Y Uh Y f [ Yd `Ub h `k Uf" '8 i f W X]Y '6 Y [ Y]gh Y fi b [ 'i b X '9 b Y f [ ] Y ž X]Y 'X Y f '7 \ c f U i ggh f U\ `h ž `Uh Y f `g ] W `ni Y] b Ya `Z Ygh Yb '6 Ygh Ub Xh Y] `X Y f ? i `h i fgn Y b Y 'Y b h k ] W\_Y `h " A Y f\_Y b g ž X Y f 'j c b `X Y f '8 mb Ua ]\_ `X Y g 7 \ c f g `k Å \ f Y b X 'Y ] b Y g '5 i Zh f ] hh g V Y [ Y]gh Y f h k Uf ž k c ``h Y 'i b V Y X] b [ h a Y\ f `U `g Y] b `N i g W U i Y f `g Y] b `i b X `h f Uh `X Y a `9 b g Y a V `Y `V Y] " `8 ] Y D f Ya ] Y f Y `k Uf `U i gj Y f\_U i Zh i b X `X Ug `D i V `]\_i a `f Y U [ ] Y f h Y `a ] h gh Y\ Y b X Y b `C j Uh ] c b Y b `U i Z X Y a `5 i g X f i W\_ 'i b X `X Y a `G d U » `U a G] b [ Y b ž `Y X c W `V Y f Y] h Y h Y `X ] Y `\_b U d d Y `U c f V Y f Y] h b [ g n Y] h Y ] b ] [ Y A ] h [ `] Y X Y f `U i Z X Y a `J f h Y i' b Y f j Òg 'j c f ž k Ug 'g ] W `UV Y f 'b ] W h b Y [ Uh] i `U i Z `X Y b `5 i Zh f] hh `U i g k ] f\_h Y "

## 9]b b Y i Y f '5 b g Uhn 'ZØf'G Y b ] c f Y b a i g]\_

8 Ug'?cbnYdh'XYg'7\cfg'[Y\h'ØVYf'X]Y'V'c»Y'8 UfV]Yhi b['j cb Aig]\_'\]bUi g"'8]Y'dcg]h]j Yb'9ZZY\_hY'XYg'G]b[Ybg'Ui Z'X]Y
\_\OfdYf`]W\Y'i bX'\_c[b]h]j Y': ]hbYgg'\A'hYfYf'A Ybg\W\Yb'g]bX
a ]hh`Yfk Y]`Y'[i h'Xc\_i a Ybh]Yfh"CV'Xi fW\X]Y'@]bXYfi b['j cb 9]bgUa \_Y]h'cXYf'XYf'J Yf`Ub[gUa i b['j cb'XYa Ybn]Y``Yb
DfcnYggYb'' [Ya Y]bgUa Yg'G]b[Yb'ZOfXYfh'gck c\`XUg
K c\`VYZ]bXYb'U`g'Ui \W\X]Y'gcn]U`Y'\DhYfU\_h]cb"'8]Yg'gd]Y[Y`h'g]\W\VY]gd]Y`gk Y]gY']b'XYf'\c\Yb'HY]`bY\a YfnU\`XYf'GYb]cfYb\W\OfYk]XYfzk]Y'Yhk U'XYa '7\cf']a '5i [i gh]bi a ']b'A Øb\W\Ybz'XYf'Ui \W\[fc»Yb'K Yfh'Ui Z'Ub[YdUgghY'Gh]a a V]`Xi b['`Y[h'

 $6Y] = \langle YUj \ Yb \ 7 \ Ub \ K \ U]h \ k \ ]fX'[fc \gg Yb \ K \ Yfh'Ui \ Z'Ya \ ch]cbU`Y \\ 5bV]bXi b[ \ [Y`Y[h'' 8 Yf' 7 \ cf`Y]hYf'Yfa i h][h'X]Y'A ]h[`]YXYfž'] \ fY \\ ; YZØ\`Y'Ui Z'XYf'6Ø\bY'Ui gni XfØW_Yb''=a 'U_hi Y``Yb'Dfc[fUa a Z]bXYb'g]W\ 'Y][YbY'Gcb[gž'X]Y'; YgW\]W\ hYb'ØVYf'H\ Ya Yb'k ]Y \\ ; `ØW_'i bX'HcX'YfnÀ\`Yb'''A cb]ž'Y]b'7 \ cfa ]h[`]YXž'Ài \ Yfh']b'Y]bYa \\ 8c_i a YbhUfZ]`a 'ØVYf'XYb'7 \ cf'XYb'K i bgW\ 'bUW\ GY`Vghj Yfk ]f_`]W\ i b['i bX'Y]bYf'ZfØ\YfYb'9a Ubn]dUh]cb'''9]b \\ k Y]hYfYf'GÀb[Yfž'Jc`_Yf'6i gYbV]bXYfž'Vf]b[h'gY]bY'@YVYbgZfYi XY a ]h'XYa 'Gcb[' K ck <math>z = ZYY$ ''[ccX 'ni a '5i gXfi W\_''

## 9]b 6`]W\_ ]b X]Y Ni \_i bZh

 $8 \ Yf \ 8c_i \ a \ Ybh \ Uf \ 2 \ Ybh \$ 

8]Y'dcg]h]j Yb'9fZU\fi b[Yb'XYf'A]h[`]YXYfž'k]Y'AYf\_Ybgž'gd]Y[Y'bX]Y'AÒ[`]W\\_Y]h'k]XYfž'g]W\']a '5`hYf'bYi 'ni 'YfZ]bXYb"'8Ug'G]b[YbV]YhYh'Y]bY'D`UhhZcfa 'ZØf'; YaY]bgW\UZh'i bX'GY`VghkYfh[YZØ\`'i bXnY][hž'XUgg'aUb'Ui W\']a '\c\Yb'5`hYf'bcW\'U\_h]j 'i bX'\_fYUh]j 'gY]b\_Ubb"'8Yf'GW\f]hhž'g]W\'Ui Z'X]Y'6Ø\bY'ni 'kU[Ybž'k]fX'ZØf'j ]Y`Y'niY]bYa '5i gXfi W\_XYf': fY]\Y]h'i bX'; YaY]bgW\UZhž'À\b`]W\'XYa žk]Y'Yg'C\_hUj ]U'F]Ya 'VYgW\fY]Vhž'X]Y'U\_h]j ']a 'GYb]cfYbW\cf'g]b[h i bX'X]Y'XUf]b'[YZ|bXYbY'; YaY]bgW\UZh'gW\Àhnh"

8 Yf' < YUj Yb'7 Ub'K U]h'7 \cf ']gh'a Y\f'U`g'bi f'Y]bY'a i g]\_U`]gWXY 8 UfV]Yhi b["'9f']gh'Y]b'Gma Vc`'XUZØfž'XUgg'G]b[Yb'j YfV]bXYhž'a ]h: fYi XY'YfZØ``h'i bX'XUg'@YVYb'Ui W\']a '5`hYf'bUW\\U`h][VYfY]WXYfb'\_Ubb"'8]Y': fYi XY'Ua 'A i g]n]YfYb'i bX'X]Y; Ya Y]bgWXUZh'g]bX'Ygž'X]Y'YXY'5i ZZØ\fi b['i bj Yf[Ygg`]WX a UWXYb"

: Øf'k Y]hYfY' ±bZcfa Uh]cbYb' ØVYf'XYb'7\cf'i bX'XYggYb'Ui ZfY[YbXYDfcY\_hY'VYgi WXYb'G]Y'8Yk YnYhž'YfZU\fYb'G]Y'a Y\f'ØVYf'X]Y 8c\_i 'VY]a 'B8F ž'cXYf'`YgYb'G]Y' ØVYf'X]Y'JcfhY]`Y'XYg'G]b[Ybg VY]'6F!?`Ugg]\_"

8 Y hU]`g	
Cfh	Gh" DUi`] H\YUhYfž&\$') - '< Ua Vif[ž
	8 Yi hgWX`UbX

8 YhU]`g	
EiY``Yb	• k k k "XYk YnYh"XY
	• k k k "bXf"XY
	<ul><li>k k k "Vf!_`Ugg]_"XY</li></ul>

6Ygi WXYb G]Y i bg Ui Z b!U[ "bYh