

## =d Za Ygg '&\$ &) . '8 Ug 'J c `\_g Z Y g h 'Z Ø f '> i b X '5 `h '] b '6 c d Z] b [ Y b °

9f`YVYb`G]Y`X]Y`=dZa Ygg`&\$&(`]b`6cdZ]b[Yb``XUg`[fÒ»hY  $Jc`_gZYgh`]b`Cghk ØfhhYa VYf['jca')"`V]g`-"'<math>\dot{s}$ `]"'?i`]bUf]gW\Y <  $O\Ydib_hY`ibX`gdUbbYbXY`Dfc[fUaaY`Yfk UfhYb`G]Y$ °



6cdZ]b[Ybž8Yi hgWk`UbX!'8]Y'=dZa Ygg']gh'XUg'[fÔ» hY'Jc`\_gZYgh]b'Cghk ØfhhYa VYf['i bX'n]Y\h'A\f`]Wk'<i bXYfhhUi gYbXY'6Ygi WkYfUb"'9bhghUbXYb'U'g'Y]b'VY`]YVhYf'HfYZZdi b\_h'ZØf'JYfk UbXhY'i bX:fYi bXYž'X]Y'cZhij cb'k Y]h'\Yf'UbfY]gYbž'V'Y]Vh'XYf'HYfa ]b'XYf=dZa Ygg'ZYgh']a '?U`YbXYf'j ]Y'Yf'A YbgWkYb'j YfUb\_Yfhž'X]Y']b'XYf[UbnYb'K Y`h'j YfhY]`h'`YVYb"'8]Y'JYfUbghU'hi b['V]YhYh'Y]bY
Y]ba U`][Y'5ha cgd\AfY'ZØf'[YgY``][Yg'6Y]gUa a YbgY]bž'6i a a Y`bibX'\_i `]bUf]gWkY'9f`YVb]ggY']b':YghnY'hYbž'6]YfXÔfZYfb'i bX'7UZÅg
Ub'XYf'6fi W\_"'6YgcbXYfg'X]Y'Yfk UWkgYbYb'6Ygi WkYf'YfZfYi Ybg]Wk'Ub'YfZf]gWkYbXYb';YhfAb\_Ybž'X]Y']b'XYf'Gca a Yf\]hnY
VYgcbXYfg'\cWk']a '?i fg'ghY\Yb"'5i Wk'?]bXYf'\_ca a Yb'Ui Z']\fY
?cghYb.'G]Y'ZfYi Yb'g]Wk'ØVYf' A Ygg[Y`X Ž'XUg'g]Y'j cb'XYb

- ; YbYfUh]cbYb'k Y]hYf[Y[YVYb'i bX'ghÀf Yb'XUg
- ; Ya Y]bgW\UZhg[YZØ\`ž'k]Y'X]Y'GW\kAV]gW\Y'Dcgh'VYf]W\hYh"

8]Y bÀWX ghY =dZa YggY Z]bXYhj ca ') "'V]g'- "'à ']'&\$&( ']b'6cdZ]b[Yb ghUhh" 8]Y '9fÒZZbi b[ 'Ua ') "'à ']'i a '%+.\$\$'I \f'k ]fX'a ]h'Y]bYa ZY]Yf']WXYb '6]YfUbgh]WX i bX 'XYa :: U\bYbY]ba UfgWX 'Y]b[Y`Ài hYh" : Øfgh`]WXYf'GdU» ']gh'Ui WX '&\$&( '[ UfUbh]Yfh '5a 'YfghYb'5VYbX gcf[h'X]Y'6UbX' 8]Y '6UbXY 'ZØf'Gh]a a i b[ ž'[YZc`[ hj cb'Y]bYa VYY]bXfi W\_YbXYb': Yi Yfk Yf\_'i a '&' .\$\$'I \f"'9]b'ZUfVYbZfc\Yg Dfc[fUa a 'k UfhYh'XUfUi Zž'YbhXYW\_h'ni 'k YfXYbž'XUfi bhYf GhUbX\_cbnYfhYž'Y]b': Yghni [ 'a ]h'nU\`fY]WXYb'J YfY]bYb'i bX ; fi ddYbž'gck ]Y'O\_i a Yb]gWXY; chhYgX]YbghY'i bX'`Ui b][ Y 5i Zhf]hhY'fY[ ]cbU'Yf'A i g]\_[ fÒ» Yb'k ]Y' 5``[ Ài k ]'X 'i bX'XYb A i g]\_UbhYbZfYi bXYb "'HÀ[`]WXY'<Ò\Ydi b\_hYg]bX'i bhYf UbXYfYa 'Y]b'6Ò``YfgWXØhnYbhfYZZYb'gck ]Y'Y]bY 6Ui Yfb\_i bX[YVi b["'5a '`YhnhYb': YghhU[ 'gWX`]Y» h'X]Y' ≈Y K ]``]Ua g'6UbX 'X]Y'JYfUbghU'hi b[ '[ YVØ\fYbX'UVž'gc'X]Y ⊅Zcfa Uh]cbYb'j cb'6cdZ]b[ Yb"XY"

## FY[]cbU`ibX'?i`hifY``

8]Y = dZa Ygg [] hib]Whibi f U g k ]Wkh] [Yg J c \_ gZYghz gcb XYfb U i Wku g ]a a UhYf]Y ``Yg ? i `hi f[ i h XYf F Y [] cb " J c ` \_ gZYghY `\ UVYb ]b

8Yi hgWk `UbX Y]bY ``Ub [Y 'HfUX]h]cb i bX g]bX h]YZ ]a '\_i `hi fY ``Yb

@YVYb j Yfk i fnY `h" G]Y g]bX b]Wk hibi f C fhY XYf I bhYf \ U`hi b[ ž

gcb XYfb 'Ui Wk 'VYXYi hYbXY k ]fhgWk UZh ]Wk Y : U\_hcfYbz X]Y A ]``]cbYb

j cb '6 Ygi Wk Yfb 'Ubn]Y \ Yb ii bX 'ni f 'F Y []cbU `Ybhk ]W\_`i b[ 'VY]hfU[ Yb"

8]Y '6 Yk YfVi b[ 'i a 'X]Y '5 bYf\_Ybbi b[ 'XYf [ Y`YVhYb

J c ` \_ gZYgh\_i `hi f ]b '8 Yi hgWk `UbX 'U`g ]a a UhYf]Y ``Yg ? i `hi fYfVY 'VY]

XYf I B 9G7 C 'nY][ hz k ]Y 'Yfbgha Ub 'X]Y \_ i `hi fY` `Y '6YXYi hi b[

X]YgYf : YghY b]a a h" @Ui h ? i `hi f[ i h J c ` \_ gZYgh dZY[ Yb

J c ` \_ gZYghY fY[ ]cbU Y '6fAi Wk Y ii bX 'hfU[ Yb 'ni f 'gcn]U Yb ' +bhYfU\_h]cb

i bX ' = XYbh]hAh VY]"

8]Y =dZa Ygg gY`Vgh']gh'Y]b 'DUfUXYVY]gd]Y``ZØf'X]Y'; Ya Y]bgW\UZhž X]Y'VY] 'gc`W\Yb': YghYb 'YbhghY\h'' =a 'J Yf[ bØ[ i b[ gdUf\_ž']b 'XYb 6]Yf! 'i bX'K Y]b[ ÀfhYb'i bX'k À\fYbX'XYf``UbXk ]fhgW\UZh`]W\Yb 5i gghY``i b[ Yb'\_ObbYb'X]Y'6Ygi W\Yf'b]W\h'bi f'ZY]Yfbž'gcbXYfb Ui WX 'j ]Y`'ØVYf'X]Y'FY[]cb'`YfbYb"'Ni XYa 'V]YhYh'X]Y

J YfUbghU`hi b[ 'dfU\_h]gWXY'5bbY\a `]WX\_Y]hYb.'5a 'K cWXYbYbXY

ghY\Yb'\_cghYb`cgY'DUf\_d`ÀhnY'Ub'XYf'6'&- 'ni f'J YfZØ[i b[ž'i bX'Y]b

6i gdYbXY`j Yf\_Y\f'Yf`Y]WXhYfh'XYb'5b!'i bX'5VhfUbgdcfh": Øf'X]Y

G]WXYf\Y]h'XYf''A b[ Yb': YghVYgi WXYf'k ]fX'Ub'?]bXYfb'[ [ Z"'Xi fWX

gdYn]Y``Y': ]bXYf!5fa VÀbXYf'[ YXUWXhž'X]Y'XUni 'X]YbYbž']a ': U``Y

Y]bYg': U``Yg'j Yf`cfYb'[ Y[ Ub[ YbY'?]bXYf'gWXbY```k ]YXYfni Z]bXYb"

Gc 'nY][ h'X]Y'=dZa Yggž'k Yg\U`V'Jc`\_gZYghY'Y]bY'gc'VYXYi hYbXY Fc``Y']b'i bgYfYa 'gcn]U`Yb'; YZØ[ Y'gd]Y`Yb"'G]Y'g]bX'CfhY'XYf : fYi XYž'XYg'5i ghUi gWXYg'i bX'XYg'A ]hY]bUbXYfgž'X]Y'k Y]h'ØVYf'X]Y V`c» Y'I bhYf\U`hi b[ '\]bUi g[ Y\Yb"'; Ubn'bUWX'XYa 'A chhc.' 8 U `]Y[ h'k Ug'Ub $^\circ$ '' X]Y'JcfZfYi XY'Ui Z'X]Y'=dZa YggY'&\$&('\_\ObbhY b]WXh'[ fO)» Yf'gY]b $^\circ$ 

8 YhU]`g	
Cfh	6cdZ]b[Ybž8YihgWX`UbX
EiY``Yb	<ul><li>k k k "g\W\k UYV]g\W\Y!dcgh"XY</li></ul>
	<ul><li>k k k "VcdZ]b[Yb"XY</li></ul>
	<ul><li>_i `hi f[ i h!j c`_gZYgh"XY</li></ul>

6Ygi WXYb G]Y i bg Ui Z bU[!Vk "XY