

I bj Yf[`Y]WX`]WX Yg`HI 7gdcfhZYgh. ((HYUa g`_Àa dZYb`i a `XYb`G]Y[°

5a '("'\$\dagger*b]'&\&\\) 'ZUbX'XUg'HI 7gdcfhZYgh'XYf'HI '7\Ya b]hn a]h'FY_cfXVYhY]`][i b['i bX'j]Y`ZA`h][Yb'8]gn]d`]bYb'Ui Z'XYa 7Ua di g'ghUhh"



FY]WXYb\U]bYf'GhfU»Yž'\$- %&* '7\Ya b]hnž'8Yi hgWX`UbX'!5a ("'\$\displaysh\U)bX'XUg'HI 7gdcfhZYgh'Ui Z'XYa '7Ua di g
FY]WXYb\U]bYf'GhfU»Y'XYf'HYWXb]gWXYb'I b]j Yfg]hÀh'7\Ya b]hn
ghUhh"'8]Y'JYfUbghU`hi b['_cbbhY'a]h'Y]bYf'FY_cfXVYhY]`][i b['j cb
(('HYUa g'Ui Zk UfhYbž'k Ug'X]Y'\ÒWXghY'5bnU\`'V]g\Yf'XUfghY``h"
Cf[Ub]g]Yfh'k i fXY'XUg': Ygh'j ca 'NYbhfi a 'ZØf'Gdcfh'i bX
; Ygi bX\Y]hgZÒfXYfi b['fNZG; Łž'[Y`Y]hYh'j cb'8f"'?Uhf]b'?Uf[Yf"
I bhYf'XYa 'A chhc' @Yh%g'ZU]f'd`Um'HI 7[Yh\Yf' 'hfUhYb'X]Y'HYUa g
]b']bg[YgUa h'Y`Z'8]gn]d`]bYb'[Y[YbY]bUbXYf'Ub"

Ni 'XYb'K YhhVYk YfVYb'nÀ\`hYb'i bhYf'UbXYfYa '@Ui ZYbXYg'5ž 7f]W_Yhž'8]gW; c`Zž'6YYf!Dcb[ž'<i a Ub!HUV`Y!GcWWYf'i bX'Yfgha U`g Ui W\`HU[!Fi[Vm"'=b'XYf'Gdcfh\U``Y'ZUbXYb'ni XYa'K YhhVYk YfVY]a '?`]b[Y`VU``i bX`XYf'@Ui Z!?i `Hci f`ghUhh"8]Y`Ui g[YZU``YbghYb HYUa !?cghØa Y`k i fXYb`YVYbZU``g`Ui g[YnY]WXbYhž'k cVY]`XUg HYUa '8]Y`?i fnYb 'a]h`Y]bYa 'GWX`Øa dZYb!Ci hZ]h`U`g`; Yk]bbYf \Yfj cf[]b["'8Yf`GdU»!Gd]Y`Y!K YhhVYk YfV`gU\`XUg`HYUa '@9' 8 U`g`G]Y[Yf'j cf' <i ZU!gUi f]Yf 'i bX` J]_]b[g "'9]b ?`Y]bZY`XZI » VU``gd]Y``nk]gWXYb`A]hUfVY]hYbXYb'i bX`Ghi X]YfYbXYb YbXYhY'' .' ž'k cVY]`X]Y`Ghi X]YfYbXYb']a 'UbgWX`]Y» YbXYb

I bhYfghØhni b[gbYhnk Yf_i bX DUfhbYfgWXUZhYb

8]Y J YfUbghU`hi b['k i fXY'j cb'a Y\fYfYb'DUfhbYfb'i bhYfghØhnhž XUfi bhYf'X]Y I b]j Yfg]hÀhggdcfh[Ya Y]bgWX UZhž'5C? 'D@ Gž'6Ufa Yfž HYWXb]_Yf'?fUb_Yb_UggYž'XYf'Ghi XYbhS]bbYbfUhž'X]Y : UWX[fi ddY Gdcfhk]ggYbgWX UZhž'XUg'GdcfhfYZYfUh'XYg': GF'gck]Y'XYf 5_UXYa]gWXY'GUb]hÀhgX]Ybgh'i bX'FUX]c'I B]77"'5i WX'XUg Ghi XYbhYbk Yf_'7\Ya b]hn!Nk]W_Ui 'k Uf'a]h'j cb'XYf'DUfh]Y" K Y]hYfY'9]bXfØW_Y'j ca 'HI 7gdcfhZYgh'g]bX'Ui Z'XYa '\dagbaghU[fUa! DfcZ]`'XYf'HI '7\Ya b]hn'ni 'Z]bXYb"

9]b'k Y]hYfYg'GdcfhYfY][b]g'Ub'XYf'HI '7\Ya b]hn']gh'ZØf'XYb'%("\$b]'&\$&)'[Yd'Ubh''<]Yf'k]fX'i bhYf'UbXYfYa 'Y]b:i **VU``hi fb]YfUi g[YhfU[Ybž'VY]'XYa 'g]YVYb'8cn]YfYbXY'[Y[Yb'g]YVYbGhi A''%*
Ghi X]YfYbXY'UbhfYhYb"'8Ug'HI 7!:i **VU``hi fb]Yf'VY[]bbh'i a '%*
I\f'a]h'Y]bYf'G]Y[YfY\fi b['i a '%-.' \$'I\f"\#\XYf'['Y]WXYb'NY]h
Z]bXYh'dUfU``Y``XYf'HU['XYf'; Ygi bX\Y]h'ghUhhž'VY]'XYa 'nU\``fY]WXY
5b[YVchY'ni '\#_`i g]cb'i bX'6Uff]YfYZfY]\Y]h'VYfY]h[YghY``h'k YfXYb"
8Yf'I a[Ub['a]h'\#_`i g]cb']a 'Gdcfh']gh'Y]b'nYbhfU`Yg'H\Ya Už'XUg
Ui WX'Ui Z'XYb'@UbXYggdcfhhU['&\$%)']b'H\Øf]b[Yb'Y]b[Y\h"

=b_`i g]cb']a 'Gdcfh

8Yf'@UbXYggdcfhVi bX'H\Øf]b[Yb'gYhnh'g]W\'U_h]j 'ZØf'X]Y'\b_`i g]cb]a 'Gdcfh'Y]b"'Gdcfh'k]fX'\]Yf'U`g'j YfV]bXYbXYg'9`Ya Ybh'[YgY\YbžXUg'A YbgW\Yb'ØVYf'6YY]bhfÀW\h][i b[Yb'\]bk Y[ni qUa a YbVf]b[h"'8UVY]'ghY\Yb'X]Y'gY`VghVYgh]a a hYž

[`Y]W\VYfYW\h][hY'i bX'[`Y]W\k Yfh][Y'HY]`bU\a Y'j cb'A YbgW\Yb a]h'i bX'c\bY'6Y\]bXYfi b[Yb']a 'JcfXYf[fi bX"'J]Y`Y'\darkarrangle]h]Uh]j Yb ni f': OfXYfi b['j cb'\darkarrangleb_`i g]cb']a 'Gdcfh'g]bX']b'Gdcfhj YfY]bYb j YfUb_Yfh"

8 Ugʻ5b[YVchʻZØfʻA YbgWXYbʻa]hʻ6Y\]bXYfi b[ʻi a ZUgghʻUi W\ʻX]Y
5 i g!ʻi bXʻ: cfhV]ʻXi b[ʻj cbʻ, Vi b[gʻY]hYfł]bbYbʻgck]Y
J YfY]bga UbU[Yfł]bbYbʻ]a '6YfY]W\ʻ\=\b_`i g]cbggdcfh"`Ni XYa
k YfXYbʻGhfUhY[]Ybʻi bXʻYfZc`[fY]W\YʻDfUl]gVY]gd]Y`Yʻni a 'H\Ya U
5 i ghUi gW\ʻVYfY]h[YghY``h"`8YfʻC`ma d]UghØhndi b_hʻ]bʻH\Øf]b[Yb
i bhYfghØhnhʻYVYbZU``gʻX]Yʻ9bhk]W_`i b[ʻXYgʻdUfU`ma d]gW\Yb
@Y]ghi b[ggdcfhgž'k cVY]`\]ghcf]gW\ʻj cfʻU``Ya 'Gdcfh`Yfʻ]bʻXYf

8]Y'_ca a YbXY'JYfUbghU`hi b['Ua'%("'\rightarrow b]'j Yfgdf]W\hž'bYVYb
gdcfh`]W\Yb'< YfUi gZcfXYfi b[Yb'Ui W\k]W\h][Y'\DZcfa Uh]cbYb'ni f
\D_`i g]cb'i bX'6Uff]YfYZfY]\Y]h'ni 'V]YhYbž'k Ug'X]Y'HI '7\Ya b]hn'ni
Y]bYa 'JcffY]hYf']b'XYf'\DhY[fUh]cbgZÒfXYfi b[']a 'Gdcfh'a UW\h'

8 YhU]`g	
J c f ZU``	Gcbgh][Yg
Cfh	FY]WXYb\U]bYf'GhfU»Yž'\$-%&*'7\Yab]hnž
	8Yi hgWX`UbX
EiY``Yb	• k k k "hi !WXYa b]hn"XY
	• k k k "V`]W <u>_</u> "XY
	k k k "h\i Yf]b[Yb!gdcfh"XY

6 Y gi W Y b 'G] Y 'i b g 'U i Z 'b ! U ["b Y h