A YggYfUhhUW_Y']b'D`Ui Yb.'GYWXgY]b\U`V \Rightarrow U\fY'<UZh'Z \emptyset f'HchgWX` \grave{A} [Yf°

9]b'(*! λ \f][Yf'k i fXY']b'GUW\gYb'k Y[Yb'HchgW\`U[g'nigYW\gY]b\U`V' λ U\fYb'<UZh'j Yfi fhY]`h"'8]Y'HUh'YfY][bYhY'g]W\&\&\(']b'Y]bYf'5gm`i bhYf_i bZh"



D`Ui Ybž8Yi hgWX`UbX'!' \pm b'GUWXgYb'k i fXY'Y]b'(*! λ \f][YfinigYWXg' λ \fYb'i bX'gYWXg'A cbUhYb'<UZh'j Yfi fhY]`hž'bUWXXYa 'Yf']bYg'5gm`VYk YfVYfi bhYf_i bZh']b'D`Ui Yb'Y]bYb'ZfØ\YfYbA]hVYk c\bYf'[YhÒhYh'\UhhY"'8Ug'I fhY]`'k i fXY'Ua 'A]hhk cWX'j ca@UbX[Yf]WXh'Nk]W_Ui 'VY_Ubbh'[Y[YVYb"'8Yf'A Ubb'k i fXY'k Y[YbHchgWX`U[g'i bX'?ÒfdYfj Yf`Yhni b['gWXi `X]['[YgdfcWXYb"'8]YGhUUhgUbk U`hgWXUZh'\UhhY'i fgdfØb[`]WX'g]YVYb' λ VfY'<UZhVYUbhfU[hž'k λ \fYbX'X]Y'JYfhY]X][i b['Ui Z': fY]gdfi WX'd` λ X]YfhY'"

8]Y'[Yk U`hhÀh][Y'5i gY]bUbXYfgYhni b['ZUbX']a '\$\`]'&\$&('ghUhh"'8Yf5b[Y_`U[hY'; f]ZZ'gY]b'CdZYf'c\bY'Yf_YbbVUfYb'9]bZi gg[fi bXjYfVU``Ubž'VYj cf'Yf'a]h'Y]bYa 'A YggYf'Ui Z']\b'Y]bghUW\"'8]Ya Y\fZUW\Yb'A YggYfgh]W\Y'ZØ\fhYb'gW\`]Y»`]W\'ni a 'HcX'XYg

; YgW.ÀX][hYb":5i W. Y]b'k Y]hYfYf'<Y]a VYk c\bYf'k i fXY'Xi fW Y]bYb'A YggYfgh]W. 'Ua '<UbX'j Yf`Yhnh":8Yf'6YgW.i `X][hY'\Uh'Y]bY Jcf[YgW.]W.hY'j cb'Yl nYgg]j Ya '5`_c\c`_cbgi a 'i bX'k Uf a Y\fZUW.'ghUh]cbÀf'VY\UbXY`h'k cfXYbž'k Ug'a Ò[`]W.Yfk Y]gY'ni f 9q_U`Uh]cb'XYf'G]hi Uh]cb'VY]hfi ["'

?cbhYlh'XYf'; Yk U`hhUhYb']b 5gm`i bhYf_ØbZhYb

9]b k Y]hYfYf gWk k YfYf J cfZU``YfY][bYhY g]Wk 'Ua '&' "'C_hcVYf &\$&(']b 'Y]bYf 5gm\VYk YfVYfi bhYf_i bZh ']b 'N]hhUi ž'k c 'Y]b ' \oplus XYf Y]bYb 'DU_]ghUbYf 'hÒhYhY'' '8]YgYf 'J cfZU```k i fXY'Xi fWk 'Y]bY , VYfk UWki b[g_Ua YfU'Ui Z[YnY]WkbYhi bX'nY][hYž'XUgg'XUg'C dZYf ni j cf'j YfVU``a]h'XYa '5b[Y_`U[hYb 'ghf]hh'' \oplus 'Y]bYa 'Ni ghUbX'XYf Ui Z[Y\cVYbYb'GhYi Yfi b[gZÀ\][_Y]h 'k i fXY'XYf' \oplus XYf'gdÀhYf b]WkhgWki 'X]['[YgdfcWkYb i bX a i gg'Ui Z[fi bX'gY]bYf ; YZÀ\f`]Wk_Y]h']b 'Y]bYf'[YgWk `cggYbYb'dgmWk]Uhf]gWkYb 9]bf]Wkhi b['i bhYf[YVfUWkhik YfXYb'' F]WkhYf'H\Yc'8 U\a j Yf_ØbXYhY'XUg'I fhY]`'i bX'VYa Yf_hYž'XUgg'X]Y'J Yf\UbX`i b[nØ[]['UV[YgWk `cggYb'k i fXYž'XU'Yg'_Y]bYb'Nk Y]ZY`'Ub'XYf'HUh [UV''

 $8 \ Ug`C \ dZYf`\setminus UhhY`]b`gY]bYf`Bch`ni bÀW\gh`]b`Y]b`N]a \ a \ Yf`[YZØW\hYhž VYj cf`Yg`j Yfgi W\hYž'<]`ZY`VY]`XYf`<Y]a `Y]hi b[`ni `gi W\Yb"`9]bY; fi ddY`j cb`6Yk c\bYfb`Zc`[hY`XYa `CdZYfž`U`g`Yg`ni fØW_`Ui Z`XYb; Ub[`[]b[ž`]b`XYf`<cZZbi b[ž`]\a `ni `\Y`ZYb"`HfUi f][Yfk Y]gY YbXYhY`X]YgY`?cbZfcbhUh]cb`]b`Y]bYa `hfU[]gW\Yb`J Yf`i gh`j cb @YVYb"$

8]YgY'VY]XYb': À``Y'k YfZYb'Y]b'GW\`U[`]W\h'Ui Z'X]Y
; Yk U`hdfcV`Ya Uh]_']bbYf\U`V'j cb'5gm`i bhYf_ØbZhYb']b
8Yi hgW\`UbX'i bX'X]Y'< YfUi gZcfXYfi b[Ybž'a]h'XYbYb'X]Y
6Y\ÒfXYb'_cbZfcbh]Yfh'g]bX"'8]Y'BYi VYk Yfhi b['j cb
G]W\Yf\Y]hga U» bU\a Yb'i bX'XYf'I a [Ub['a]h'dgmW\]gW\
Yf_fUb_hYb'6Yk c\bYfb'g]bX'Xf]b[YbXY'H\Ya Ybž'X]Y'Ub[Y[Ub[Ybk YfXYb'a ØggYb"

A U» bU\a Ybʻi bXʻY]bYa ʻYf\O\hYbʻ5i [Yba Yf_'Ui ZʻX]Yʻgcn]UʻYb i bXʻdgmW\]gW\Ybʻ6YX]b[i b[Ybʻ]bʻgcʻW\Ybʻ9]bf]W\hi b[Ybži a ni _ØbZh][YʻHfU[OX]Ybʻni 'j Yfa Y]XYb"

K Y]hYfY *DZcfa Uh]cbYb'ni 'XYb'j Yfi fhY]`hYb'A ÀbbYfb'i bX'XYb I a ghÀbXYb'X]YgYf'; Yk U`hhUhYb'Z]bXYb'G]Y']b'XYb'6Yf]W\hYb'j cb' GhYfb'gck]Y'GÀW g]gW Y"

8 Y hU]`g	
Cfh	D`UiYbž'8YihgW\`UbX
EiY``Yb	k k k "ghYfb"XY
	k k k "gUYWX g]gWX Y"XY

6Ygi WXYb G]Y i bg Ui Z. a Y]b!k]Yb bYh