

?i`h!HfU]bYf'@]YbYb'n]Y`h'UiZ':7'6UmYfb.' FYgdY_h`cg'ibX'[]Yf][°

9k U`X'@]YbYb'_f]h]g]Yfh']a 'DcXWUgh' 8Yf'GYW\nY\bYf 'X]Y HfUbgZYfdc`]h]_'XYg': 7'6UmYfb'VYn \emptyset [`]W\'B]_'K c`hYa UXY''



Gh'DUi `]ž'8 Yi hgWX `Ub X !! 8]Y '8 YV UhhY'i a 'X]Y 'HfUbgZY fdc`]h]_ 'XYg : 7 '6 UmY fb 'A Øb WX Yb 'b]a a h'Ub ': U\ fh'Ui Z''9k U'X '@]Y bY bžY]b ZfØ\YfYf'6i bXYg`][U! HfU]bYf'i bX 'VY_Ubbh'Ui g'gY]bYa 'Dc XWUgh 8 Yf'GY WX nY\bYf ž'\Uh']b 'Y]bYf'gWX UfZYb'? f]h]_ 'XYb FY_cfXa Y]ghYf']bg'J]g]Yf'[Ybca a Yb"'5i g`ÒgYf'gY]bYf Ÿi » Yfi b[Yb 'g]bX 'X]Y'; YfØWX hY'fi bX'i a 'XYb'dchYbn]Y``Yb HfUbgZYf'j cb'B]W_ 'K c`hYa UXYžY]bYa 'hU`Ybh]YfhYb'&'! 'À\f][Yb Gd]Y`Yf'XYg'J Z6'Ghi hh[Ufhž'ni 'XYb'6UmYfb"'@]YbYb'g]Y\h']b'6UmYfb Jcf[Y\Yb'Y]b'fygdY_h`cgYg'J Yf\U`hYb'[Y[YbØVYf'UbXYfYb JYfY]bYbž'X]Y'Gd]Y`Yf'Ui gV]`XYbži bX'VYa Àb[Y`h'X]Y'V]g\Yf][Y 5V\Àb[][_Y]h'XYf'A ØbWX bYf'j cb'Yl hYfbYb'HU`YbhYb''@Ui h' A Yf_i f'\Uh'6UmYfb!Gdcfhj cfghUbX'A UI '9VYf`VYfY]hg' \DhYfYggY Ub'K c`hYa UXY'ÒZZYbh']WX'[Ya UWXh'i bX'ØVYf'5V'ÒgYgi a a Yb

9g'k]fX'VYf]WXhYhž'XUgg'XYf'JZ6'Ghi hh[Ufh'ZØf'K c`hYa UXY'V]g'ni %\$\$'A]``]cbYb'9i fc'ZcfXYfhž'Y]bY'Gi a a Yž'X]Y'U`g'Ughfcbca]gWX []`h"'Hfchn'X]YgYf'\c\Yb': cfXYfi b[Yb']gh'@]YbYb'g_Ydh]gWX'i bX [`Ui Vhž'XUgg'Y]b'K YWXgY`'k U\fgWXY]b`]WX']gh"' 6UmYfb'_Ui Zh hfUX]h]cbY``'X]Y'VYghYb'Gd]Y`Yf'UbXYfYf'JYfY]bY ž'Yf_`ÀfhY'Yf'i bX k]Yg'XUfUi Z'\]bž'XUgg'6UmYfb'nk Uf']b'XYf'JYf[Ub[Yb\Y]h'Y]b][Y Hcd!HU`YbhY'gY`Vgh'Ui g[YV]`XYh'\Uhž'X]Yg'UVYf'gY]bYf'AY]bi b[bUWX'_Y]bY'9bhgWXi `X][i b['ZØf'X]Y'U_hi Y``Y'HfUbgZYfghfUhY[]Y V]YhYh"

?f]h]_ Ua NY]hdi b_h XYf 6Yf]W hYfghUhhi b[

 $8]Y : 8]g_i gg] cbii a ``HfUbgZYfdfU_h]_Ybii bX : 5V`ÒgYgi a a Ybi]gh b] WhibYii]a ``i `` VU``[YgWAZh'' 8 Ug`VYfØ\a hY : 6cga Ub!I fhY]``\Uh X]Y : 6YX]b[i b[Yb : ZØf : Gd]Y`Yfk YW\gY``a U \([YV`]W\) j YfAbXYfhii bX X]Y : A UW\hj Yf\A`hb]ggY : ni `; i bghYb : XYf : Gd]Y`Yf : j YfgW\cVYb'' : J cf XYa `I fhY]``_cbbhYb : J YfY]bY : 5V`ÒgYgi a a Yb : j Yf`Ub[Ybz`X]Y : Zh U`g`ni `\cW\ Ya dZi bXYb`k i fXYb'' : B UW\ XYf : 9bhgW\Y]Xi b[`k i fXYb Gd]Y`Yf`ni : gY`VghghAbX][Yb:5fVY]hbY\a Yfb''' : f]h]_Yf`k]Y : ?`Ui g 5``cZg`k UfbYb 'YxcW\'j cf XYb`bY[Uh]j Yb : 5i gk]f_i b[Yb:Ui Z`X]Y :]bUbnghfi _hi fYb : XYf : J YfY]bY'' : 9g`k]fX : [YZcfXYfhz`a Y\f`F YW\hY : ZØf Gd]Y`Yf`Y]bni : ZØ\fYb`i bX : HfUbgZYfcVYf[fYbnYb : ni : gW\UZZYbz`Y]b H\Ya Uz`XUg`XYfnY]h'Ui W\'j cb : XYf`Gd]Y`Yf[Yk Yf_gW\UZn: \(\delta c Ub X]Y : 9I !? ca a]gg]cb `\YfUb[YhfU[Yb`k]fX'' : 8 Uni : []Vh`Yg , VYf`Y[i b[Yb`ni : Y]bYa 'a Õ[`]W\Yb' : 6cga Ub!&!I fhY]` z`k]Y`$

8 Yi hgWX`Ub X Zi b_`VYf]WX hYh"

8]Y: fU[Y'V`Y]Vhž'k]Y'X]Y'HfUbgZYfdc`]h]_'XYf'[fc»Yb'7`iVgž]bgVYgcbXYfY'XYg': 7'6UmYfbž']b'Ni_ibZh'UiggY\Yb'k]fX"'9kU'X@]YbYb'\Uh'a]h'gY]bYb'K cfhYb'Y]bY'k]W\h][Y'8]g_igg]cbUb[Yghc»Yb'ØVYf'X]Y'JYfUbhk cfhib['XYf'Hcd!HYUag']aXYihgW\Yb':i»VU``ibX'XYfYb'6Yn]Y\ib[Yb'ni'_`Y]bYfYbJYfYb'

8 Y hU]`g	
Cfh	Gh'DUi`]ž'8YihgW\`UbX
EiY``Yb	• k k k "a Yf_i f"XY
	kkk"UVYbXnY]hib[!
	a i YbW\Yb"XY
	kkk"XYihgW\`UbXZib_"XY

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'X]Y!bUWX f]WX hYb "Wca