

## FUnn]U']b'6Yf`]b. K UggYfdZY]ZYbhUVU\_! GWXai[[`Yf'[YZUggh' A]``]cbYbgWXUXYb°



6Yf`]bž'8Yi hgW\`UbX'!'8]Y'Dc`]nY]'i bX'Nc``ZU\bXi b[']b'6Yf`]b
\UVYb'Ua 'A]hhk cW\a cf[Yb'Y]bY'i a ZUggYbXY'CdYfUh]cb'ni f
6Y\_AadZ b['XYg'GW\a i [[Y`g'j cb'K UggYfdZY]ZYbhUVU\_
Xi fW\[YZØ\fh"8UVY]'k i fXYb'&('CV'Y\_hY']b'j YfgW\]YXYbYb
GhUXhhY]'Yb'k]Y'BYi\_O``b'i bX'?fYi nVYf['Xi fW\gi W\h"AY\f'U`g
&(\$'6YUa hY'k UfYb']b'XYb'9]bgUhn']bj c`j ]Yfhži a '[Y[Yb'Y]bY
j Yfa i hYhY'6UbXY'j cfni [Y\Ybž'X]Y'gY]h'GYdhYa VYf'&\$&('ØVYf'&)
HcbbYb'i bj YfghYi YfhYb'K UggYfdZY]ZYbhUVU\_'j Yfhf]YVYb'i bX
hY]`k Y]gY'gY`Vgh'\Yf[YghY``h'\UVYb'gc``"'8]Yg'k i fXY'ni Yfgh'j cb'
fVV&('VYf]W\hYh"

 $\exists$ a 'FU\a Yb'XYf': YghbU\a Yb'k i fXYb'XfY]'6YgW\i `X][hYž'[Y[Yb X]Y'VYfY]hg'ni j cf'<UZhVYZY\`Y'Yf`UggYb'k i fXYbž']b'; Yk U\fgUa

[Ybca a Yb"8]Y 9fa ]hhi b[Yb'f]WkhYb'g]Wk']bg[YgUa h'[Y[YbgYWg'6YgWi X][hY']a '5`hYf'j cb'&&'V]g'(, '\$\\fYb\z'X]Y'i bhYf

JYfXUWkhghY\Yb\z']b'VYgcbXYfg'gWkk YfYf'i bX'VUbXYba À»][Yf
: cfa 'GhYi Yf\]bhYfn]Y\i b['gck]Y'GhYi Yf\Y\`YfY]'VY[Ub[Yb'ni\UVYb"8Yf'YbhghY\YbXY'GWkUXYb'k]fX'Ui Z'ØVYf'Y]bY'A]``]cb'9i fc
[YgWkAhnh"6Y]'XYb'8i fWkgi Wki b[Yb'ghY``hYb'X]Y'6Y\ÒfXYb'ØVYf
gYWkg'HcbbYb'i bj YfghYi YfhYb'K UggYfdZY]ZYbhUVU\_z', ")\$\$
i bj YfghYi YfhY'9]bk Y[!9!N][UfYhhYb'gck]Y', \$"\$\$\$'9i fc'6Uf[Y`Xg]WkYf"'8UfØVYf'\]bUi g'ki fXYb'; fi bXghcZZY'ni f'<YfghY``i b['j cb
K UggYfdZY]ZYbhUVU\_'[YZi bXYb"

## I a ZUb[fY]WXY 9fa ]hh`i b[Yb i bX]bhYfbUh]cbU`Y 8 ]a Ybg]cb

8]Y'9fa]hhi b[Yb'k YfXYb'j cb'XYf'; Ya Y]bgUa Yb
9fa]hhi b[g[fi ddY'N][UfYhhYb'f] 9N][E'[Y'Y]hYhž'X]Y'gY]h']\fYf
; fØbXi b[']a '\lambda\f'%- - - 'ZØf'X]Y'6Y\_Aa dZi b['XYg'cf[Ub]g]YfhYb
< UbXY'g'a]h'N][UfYhhYb'i bX'K UggYfdZY]ZYbhUVU\_'gck]Y'XYf'XUa]h
j YfVi bXYbYb'6UbXYb\_f]a]bU`]hÀh'ni ghÀbX][']gh"'BYVYb'XYb
8i fWXgi WXi b[Yb']b'6Yf`]b'ZUbXYb'nY]h['Y]WX'Ui WX'5\_h]cbghU[Y']b
BcfXf\Y]b!K YghZU'Ybž'B]YXYfgUWXgYbž'XYb'B]YXYf'UbXYbž
GWXk YXYb'i bX'HgWXYWX]Yb'ghUhhž'k c'YVYbZU``g'JYfXÀWXh][Y']bg
J]g]Yf'[Ybca a Yb'k i fXYb"'8]YgY'A U» bU\a Yb'j YfZc`[Yb'XUg'N]Y'ž
X]Y'BYhnk Yf\_Y'i bX'Ghfi\_hi fYb'\]bhYf'XYa 'GWXa i [[Y``ni
nYfgWX`U[Ybž'k]Y'X]Y'GhUUhgUbk U`hgWX UZh'6Yf`]b'a]hhY]`hY'"

8]Y; 9N][ 'k ]fX'X]Y'5i gk Yfhi b[ Yb'XYf'g]W\Yf[ YghY``hYb
6Yk Y]ga ]hhY``ZcfhgYhnYbži a 'i a ZUggYbXYfY'9f\_Ybbhb]ggY'ØVYf
X]Y'A UW\YbgW\UZhYb'XYf'VYgW\i `X][ hYb'DYfgcbYb'ni '[ Yk ]bbYb"
8]Y'[ Y[ Ybk Àfh][ Yb'9fa ]hh`i b[ Yb'g]bX'HY]`'Y]bYg'ghfi \_hi fY``Yb
5bgUhnYg'ni f'6Y\_Àa dZi b[ 'j cb'GhYi Yf\]bhYfn]Y\i b[ 'i bX
]``Y[ U`Ya '< UbXY`ž'X]Y'gY]h'\J\fYb'[ fc» Y'k ]fhgW\UZh`]W\Y'GW\ÀXYb
j Yfi fgUW\Yb'i bX'X]Y'\DhY[ f]hÀh'j cb'`Y[ U`Yb'HUVU\_j Yf\_Ài ZYb
[ YZÀ\fXYb"

 $FYWX h^{3}WX Y'=a d^{3}Uh]cbYb'XYg$  $HUVU_gWX a i [ [ Y^g$  8 Yf: U```k ]fZh'Ui W\ fYW\h`]W\Y: fU[Yb'Ui Zz'X]Y'ØVYf'X]Y
i ba ]hhY`VUfYb'9fa ]hh`i b[Yb'\]bUi g[Y\Yb"'8Yf'? Ui Z'i bX'JYf\_Ui Z
j cb'N][ UfYhhYb'i bX'HUVU\_dfcXi \_hYbz']bgVYgcbXYfY'Ui g'XYa
5i g`UbXz'\_Ubb'ZØf'JYfVfUi W\Yf'Yf\YV`]W\Y'ghYi Yf`]W\Y'i bX
ghfUZfYW\h`]W\Y'?cbgYei YbnYb'\UVYbz'k ]Y'Y]b'6Yf]W\h'Ui Z'XYf
K YVgY]hY'Ubk U`h"XY'Yf`Ài hYfh"'=b'8Yi hgW\`UbX']gh'X]Y
HUVU\_ghYi Yf'VY]'XYf'9]bZ \f'i bX'XYa 'JYf\_Ui Z'j cb'HUVU\_k UfYb
cV`][ Uhcf]gW\"'9]b'JYfghc»'[Y[Yb'X]YgY'FY[Y`i b[Yb'\_Ubb'ni\C\Yb'; Y`XghfUZYbz': fY]\Y]hgghfUZYb'j cb'V]g'ni 'ZØbZ'\J\fYb']b
gW\k YfYb': À``Yb'i bX'BUW\nU\`i b[gjYfdZ]W\hi b[Yb'ZØ\fYb"

8 UfØVYf`\]bUi g`k]fX`VYhfcZZYbYb`?Ài ZYfb`[YfUhYbž:g]W\`ØVYf`]\fYGhYi YfdZ`]W\hYb`ni `]bZcfa]YfYb`i bX`bi f`VY]'j YfhfUi Ybgk ØfX][Yb5bV]YhYfb`ni `\_Ui ZYbži a `fYW\h`]W\Y`F]g]\_Yb`ni `a]b]a]YfYb"`8]YGYbg]V]`]g]Yfi b[ `ZØf`X]Y`F]g]\_Yb`i bX`X]Y`<YfUi gZcfXYfi b[Yb`]aNi gUa a Yb\Ub[`a]h`]``Y[U`Ya `HUVU\_\UbXY``V`Y]Vh`YbhgW\Y]XYbXžgck c\``ZØf`X]Y`JYfVfUi W\Yf`U`g`Ui W\`ZØf`X]Y

8 YhU]`g	
J c f ZU``	GhYi Yf\]bhYfn]Y\i b[
I fgUWXY	GWNai[[Y`ž'VUbXYbaÀ»][Y
	GhYi Yf\]bhYfn]Y\i b[
Cfh	6Yf`]bž'8Yi hgW\`UbX
: YghbU\a Yb	*
GWX UXYb ']b '	%\$\$\$\$\$
EiY``Yb	• k k k "fVV&( "XY
	• k k k "VYf`]b"XY
	• k k k "Ubk U`h"XY

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