

8 Ug'GWX`cgg'fcW_h. 'A YhU`!GdY_hU_Y`']b A ØbghYf'Ua '&\$"'>i b]°

9f`YVYb`G]Y`Ua`&\$"`\delta\b]`&\$&)`j\cf`XYa\GWX\cgg`XYf I\b]j\Yfg]h\and\A\ØbghYf`Y]b`_cghYb\cgYg`F\cW_!\i\bX\A\YhU\!CdYb! 5]f`a\]h\nU\\fY]WX\Yb\6UbXg"



J cf XYa 'GWX 'cgg XYf 'I b]j Yfg]hÀh'A ØbghYfž'8 Yi hgWX `Ub X'!

5a ': fY]hU[ž'XYb'&\$"' * b] '&\$&) ž'Z]bXYh'j cf XYa 'GWX 'cgg XYf

I b]j Yfg]hÀh'A ØbghYf YfbYi h'XUg'VY`]YVhY'A i g]_!9j Ybh' 8 Ug

GWX 'cgg fc W_h 'ghUhh'' 8]Y'J YfUbghU`hi b[ž'X]Y 'gY]h'&\$%) 'A\f`]WX

Xi fWX[YZØ\fh'k]fX'i bX'k À\fYbX'XYf'7cfcbUdUi gY'dUi g]YfYb

a i gghYž'Vf]b[h'Y]bY'J]Y'ZU`h'Ub'F cW_!'i bX'A YhU`VUbXg'Ui Z'X]Y

6Ø\bY"'8 Yf'9]bhf]hh']gh'_cghYb`cgž'i bX'X]Y'J YfUbghU`hi b['VY[]bbh

i a '%+'I \fž'VYj cf'g]Y'i a '&&'I \f'YbXYh"'DfcZ"'8f"'7\f]ghcd\Yf

8 Yb]b[Yfž'A Uh\Ya Uh]_dfcZYggcf'i bX'gY`Vgh'A YhU`!: Ubž']gh'XYf

♣)h]Uhcf'X]YgYg'Y]bn][Ufh][Yb': Ygh]j U`g"'K]Y'i b]!a i YbghYf"XY

VYf]WX hYhž'k]fX'XYb'6Ygi WXYfb'Ub'X]YgYa '5VYbX'Y]b

UVK YWXg`i b[gfY]WXYg'@]bY!i d'[YVchYb"

8 UgʻDfc[fUa a ii a ZUgghii bhYfʻUbXYfYa iX]Yʻ6UbXgʻGci `Vci bXž 5Yj Yf]i a žʻDcgha cXYfb : UbhUgmii bXʻ5i » Yfk Yʻh'' Gci `Vci bXž'X]Y]a '5`hYfbUh]j YʻA YhU`ni \Ui gYʻg]bXž'k YfXYbʻZØfʻ]\fYbʻGci bXʻa]h 9`Ya YbhYbʻXYgʻ; ch\]WFcW_ii bXʻ\bXi ghf]U`!A YhU`gʻ[Y`cVh'' 5Yj Yf]i a 'dfÀgYbh]Yfh']\fYbʻA cXYfbʻ; ch\`A YhU`ž'a]hʻ5i Zhf]hhYb Ui ZʻfYbca a]YfhYbʻ: Ygh]j U`gʻk]YʻK UW_YbʻCdYbʻ5]f''`Dcgha cXYfb : UbhUgmi_ca V]b]Yfh`\UfhYʻ;]hUffYb_`Ab[Yʻa]hʻY`Y_hfcb]gWXYb Gci bXgž'k À\fYbXʻ5i » Yfk Y`hʻa]hʻY]bYa 'Y][YbYbʻGh]`žʻXYfʻ6`UW_!ž 8YUh\!i bX`Dcgh!A YhU`!9`Ya YbhYʻj YfV]bXYhžʻVY[Y]ghYfh''`8]Y JYfUbghUʻhi b['j Yfgdf]WXhžʻFcW_!ii bX`A YhU`!: Ubgʻ]bʻXYfʻFY[]cbʻY]b i bj Yf[Yqq`]WXqʻ9fʻYVb]gʻni 'V]YhYb''

6YgcbXYfY <][\`][\hg XYf 6UbXg

8]Y'DfÀgYbnYb'XYf'6UbXg'g]bX'gcf[ZÀ`h]['Ui g[Yk À\`hži a 'Y]b
VfY]hYg'GdY_hfi a 'Ub'Gh]`Yb'ni 'dfÀgYbh]YfYb"'Gc'k]fX'Gci `Vci bX
U`g'; ch\]WFcW_cXYf' \(\Digno Xi \) ghf]U'!A YhU` 'VYgW\f]YVYbž'k À\fYbX
5Yj Yf]i a 'g]W\'a]h']\fYf'HY]`bU\a Y'VY]': YghYb'k]Y'A YfU'@ bU
Y]bYb'BUa Yb'[Ya UW\h'\Uh"'Dcgha cXYfb': UbhUgm'Vf]b[h'b]W\h'bi f
fcW_][Y';]hUffYb'ni a '9]bgUhnž'gcbXYfb'Ui W\'Ah\Yf]gW\Y
9`Y_hfcgci bXg'i bX'8i VghYd!9`Ya YbhY']b']\fY'Ai g]_"'5i \(\Digno Yf\)Yf\ X]Y'gY]h'\&\\$'W\'DgbXž'j Yfa]gW\Yb'X]Y'; fYbnYb']\fYf'; YbfYg
i bX'j YfgdfYW\Yb'a]h']\fYa 'Y][Ybgh\DX][Yb'Gh]`'Y]b'VYgcbXYfYg
Ai g]_Yf`YVb]g"

: Øf`XUg``Y]V`]WXY`K c\``XYf`: Ygh]j U`VYgi WXYf`k]fX`YVYbZU``g
[Ygcf[h"`Gc`k]fX`Y]b`; YhfÀb_YgYfj]WY`Ub[YVchYbž`XYf`j cb`%+.\$\$
V]g`%, .\$\$`I \f`Y]b`gdYn]Y``Yg`5b[YVch` 'nk Y]'; YhfÀb_Y`ni a `DfY]g
j cb`Y]bYa ```VYfY]hghY``h"'<]YfVY]'`]gh`Yg`k]WXh][ž`XUgg`_Y]bY
Y][YbYb`; YhfÀb_Y`a]h[YVfUWXh`k YfXYb`XØfZYbž`i a
; `UgVfi WX[YZU\fYb`ni 'j Yfa Y]XYb`i bX`X]Y`I b_cghYb`XYg`9j Ybhg
ni 'Z]bUbn]YfYbž`gc`U``Yga i YbghYf"XY"</pre>

$F \varnothing W_V^{M} = W_V^{M} =$

 $8]Y'dcg]h]j Y'F YgcbUbn'XYf'j Yf[Ub[YbYb'*J\fY'\Uh'XUni''[YZ\emptyset\fhž XUgg'X]Y'J YfUbghU`hi b['ghYh]['k ÀWXgh'''8]Y': Ubg'gWX ÀhnYb'X]Y`cW_YfY'5ha cgd\AfY'i bX'X]Y'A <math>O[`]WX_YfY'bYi Y'A i g]_i bX'6UbXg$

ni 'YbhXYW_Yb"'=a 'bÀW\ghYb' \pm J\fž'&\$&(ž'g]bX'VYfY]hg'k Y]hYfY 5i Zhf]hhY'j cb'6UbXg'k]Y'@UWf]a UgʻDfcZi bXYfY'i bX'Gbck 'K\]hY 6`ccX'Ub[Y_ØbX][hž'X]Y'ZØf']\fY'K Y]hYfYbhk]W_`i b[']b'XYf Aig]_gnYbY'VY_Ubbh'g]bX"'8]YgY'?cbh]bi]hÀh'nY][h'XUg 9b[U[Ya Ybh'j cb'DfcZ''8Yb]b[Yf'i bX'gY]bYa 'HYUa ž'X]Y'Ei U`]hÀh XYg': Ygh]j U`g'\cW\ni\U`hYb'i bX'[`Y]W\nY]h]['bYi Y'HU`YbhY'ni ZÒfXYfb"

8]Y'JcfZfYi XY'Ui Z'XYb'&\$"'*j b]'k ÀW ghži bX'Yg'V`Y]Vh'UVni k UfhYbž k Y`W Y', VYffUgW i b[Yb'XUg': Ygh]j U`']b'X]YgYa '*J\f'VYfY]h\A`h" FcW_!'i bX'A YhU`!: Ubg'gc``hYb'g]W 'X]YgYb'HYfa]b']a '?U`YbXYf a Uf_]YfYb'i bX'XUg'9j Ybh'j cf'XYa 'GW `cgg'XYf'I b]j Yfg]hÀh A ØbghYf'b]W h'j YfdUggYb"

8 YhU]`g	
J cfZU``	Gcbgh][Yg
Cfh	JcfXYa GWX`cggXYfilb]jYfg]hÀhAØbghYfž
	8 Ying W. `Ub X
EiY``Yb	• k k k "i b]!a i YbghYf"XY
	• k k k "U``Yga i YbghYf"XY
	• k k k "gcb[_]W_"Wca

6Ygi WXYb G]Y i bg Ui Z. b!U["bYh