

8fY] J Yf`YhnhY VY] XfUa Uh]gW Yf 6i g! BchVfYa gi b[]b 7\Ya b]hn°



8 c W \ 'b] W \ h b i f \ X] Y g Y f \ J c f Z U \ ``g c f [h \] b \ '7 \ Y a \ b] \ h n \ 'Z \ Ø f \ 5 i \ Z f Y [i \ b [" 5a 8]YbghU[icfa]hhU['_Ua 'Yg'ia '%\$"' \$'I \f']b'XYf' ⇒bYbghUXh ni 'Y]bYa 'k Y]hYfYb 'gWk k YfYb 'J Yf_Y\fgi bZU``ž'VY] 'XYa 'Y]b 'G_cXU ibX'Y]b'@|b]YbVig'XYf'7J5; 'VYhY]`][h'kUfYb"'@Uih'<mark>HU[&(</mark>'kc``hY Y]bY'&&!'À\f][Y': U\fYf]b'XYg'G_cXU'Ub'XYf'?fYi ni b[?U» VYf[Ui ZZU\fh'j YfVchYbYfk Y]qY'k YbXYb'i bX'ØVYfqU\'XUVY] $XYb^{-}YfUb_{ca}$ a $YbXYb^{-}6i$ $g^{-}8Yf^{-}$) (!A f][$Y^{-}6i$ $gZU fYf^{-}$ [$UV^{-}gY$]b 6YghYg'i bX'`Y]hYhY'Y]bY'; YZU\fYbVfYa gi b['Y]bž'_cbbhY'UVYf'Y]bY ?c``]g]cb'b]W\h'a Y\f'UVk YbXYb"'8]Y': c`[Yb'k UfYb'[fUj]YfYbX. 8fY]: fUi Yb]a '6i qž]a '5 hYf] cb'' &ž'' ' 'i bX'+\$ '\\ fYb\Z'k i fXYb gWkYfijYf`YhnhžkÀ\fYbX`XfY]`kY]hYfY`:fUiYb`gck]Y`Y]b`j]Yf AcbuhY'U`hYg'6UVm``Y]W\hY'JYf`Yhnib[Yb'Yf`]hhYb"'8Yf GUW aW UXYb Ub XYb : U\fnYi [Yb k]fX Ui ZYhk U %\$\$\$ 9i fc [YgWXAhnh"Gc`WX [YZA\f`]WXYG]hi Uh]cbYb ZØ\fYb b]WXhibi fini JYf`Yhni b[Ybž'gcbXYfb'Ui W\ni 'JYf_Y\fgVY\]bXYfi b[Ybž'XU'X]Y H\YUhYfghfU» Y'hY]`k Y]gY'[YgdYffh'k YfXYb'a i gghY"

$8]YJYf_Y\fgg]hiUh]cb]b7\Yab]hn$

8]YgY'VY]XYb'JcfZÀ``Y'k YfZYb'Y]b'@]Wkh'Ui Z'XUg'H\Ya U
JYf_Y\fgg]WkYf\Y]h']b'7\Ya b]hn'i bX'XUfØVYf'\]bUi g"'8]Y'
GhUh]gh]_ 'ZØf'JYf_Y\fgi bZÀ``Y'nY][hž'XUgg'gc`WkY'I bZÀ``Y'b]Wkh
bi f'VYXUi Yf`]WkY'9]bnY'ZÀ``Y'g]bXž'gcbXYfb'HY]`'Y]bYg'[fÒ»YfYb
DfcV`Ya g']a 'ÒZZYbh`]WkYb'JYf_Y\f'XUfghY``Yb"'8]Y'9fZUggi b['j cb
I bZÀ``Ybž'X]Y'gck c\``DYfgcbYb!'U`g'Ui Wk'GUWkgWkUXYb
j Yfi fgUWkYbž']gh'j cb'YbhgWkY]XYbXYf'6YXYi hi b[ži a 'X]Y
G]WkYf\Y]hg`U[Y']a 'GhfU»Ybj Yf_Y\f'ni 'j YfVYggYfb"'8]YgY
GhUh]gh]_Yb'X]YbYb'U`g'k Yfhj c``Y'; fi bX`U[Y'ZØf'A U» bU\a Yb']b
XYf'; YgYhn[YVi b[ž'XYf'JYf_Y\fgYfn]Y\i b['gck]Y'ZØf'XYb
GhfU»YbVUi 'i bX'X]Y'HYWkb]_'XYf': U\fnYi [Y"

A]h'X]YgYb *\dangle Zcfa Uh]cbYb k]fX'XYi h`]WX Z'XUgg \]Yf

< UbX`i b[gVYXUfZ'VYghY\hz\i a '\A\b`]WXY'J cfZ\A``Y']b Ni _i bZh'ni
j Yf\]bXYfb i bX'X]Y'G]WXYf\Y]h'ZØf'U``Y'J Yf_Y\fghY]`bY\a Yf'ni
[Yk \A\f`Y]ghYb"'8]Y'GhUXh'7\Ya b]hn']gh'[YZcfXYfhz'Xi fWX
[YY][bYhY'A U» bU\a Yb i bX'5i Z_`\Afi b[gUfVY]h'X]Y

 $\label{eq:continuity} $JYf_Y\setminus fgg]hi\ Uh]cb'ni'j\ YfVYggYfb'ibX'gckc\'`5ihcZU\fYf'U`g'UiW\ : U\f[\AghY'ni'gW\ØhnYb''\cdot9g'V`Y]Vh'ni'\cZZYbž'XUgg'gc`W\Y'IbZ\'`Y_Y]bY'; Ykc\b\Y]h'kYfXYb'ibX'_ØbZh]['kYb][Yf'AYbgW\Yb'UiZhfU[]gW\Y'KY]gY'VYhfcZZYb'g]bX''$

8 YhU]`g	
Cfh	7\Yab]hnž8YihgW\`UbX
EiY``Yb	• k k k "V`]W <u>_</u> "XY
	• k k k "hU[&("XY
	k k k "XYghUh]g"XY

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