

I YXYa 'k]fX'ni f'A]`]hÀfnYbhfU`Y. 'BYi Yg FU_YhYbUVk Y\fgmghYa ']a '9]bgUhn

BFK 'Yf\A`h'&\$&) 'Y]b bYi Yg FU_YhYbUVk Y\fgmghYa f/ ei ch/5ffck '' / ei ch/£]b I YXYa ž ni f 'GhAf_i b['XYf @UbXYgj YfhY]X][i b['i bX'B5HC!?ccdYfUh]cb"



I YXYa ž8Yi hgWX`UbX'!BcfXf\Y]b!K YghZU`Yb`fBFK Ł'k]fX']b
bU\Yf`Ni _i bZh'a]h'Y]bYa 'bYi Ufh][Yb`FU_YhYbUVk Y\fgmghYa 'Ui g

gfUY``Ui g[YghUhhYh''8Yf`GhUbXcfh'I YXYa ž'[Y`Y[Yb`Ua

B]YXYff\Y]b`i bX'bcfXk Ygh`]WX'j cb`8i]gVi f[žk]fX'ni a 'NYbhfi a

ZØf'@i ZhcdYfUh]cbYb`XYf`6i bXYgk Y\f`i a [YVUi h'' \delta gVYgcbXYfY

k]fX`\]Yf`XUg`5]f`7ca dcbYbh`7ca a UbX'fb77ŁY]b[Yf]WXhYhž`XUg

Y]bY`?ca a UbXcnYbhfU`Y`ZØf`XUg` 5ffck '' !GmghYa 'V]`XYb`k]fX''

8]YgYg`GmghYa '_ca a h'ni a '9]bgUhnžii a '@Ub[ghfYW_YbfU_YhYb

UVni kY\fYbžii bX'gd]Y`h'Y]bY`YbhgWXY]XYbXY`Fc``Y`]b`XYf`@UbXYg!

gck]Y`6ØbXb]gj YfhY]X][i b["

K]Y'fi \f&("XY'VYf]W\hYhž'ØVYfb]a a h'XUg'577'gY]h': YVfi Uf'&\$&) X]Y'cdYfUh]j Y': Ø\fi b['U``Yf'@ ZhcdYfUh]cbYb'XYf'6i bXYgk Y\f'&(

Ghi bXYb 'Ua 'HU["'8]Y 'I a k UbX`i b['XYg'NYbhfi a g'ZØf @i ZhcdYfUh]cbYb']b'X]YgYg'bYi Y'?ca a UbXc']gh'HY]`'Y]bYf g]WXYf\Y]hgdc`]h]gWXYb'NY]hYbk YbXY'ZØf'8Yi hgWX`UbX"'I YXYa 'k]fX _ØbZh]['U`g'GWXU`hnYbhfU`Y'Z|b[]YfYb'i bX'gc``'g]WXYfghY``Ybž'XUgg X]Y'6i bXYgk Y\f'YZZ]n]Ybh'a]h'B5HC!DUfhbYfb'_ccdYf]YfYb'_Ubb"

$8]Y: A\setminus [-Y]hYb XYg 5ffck ' !GmghYa g$

8 Ugʻ 5ffck '' !GmghYa ž'XYggYbʻ6YgW\UZI b[gj YfhfU['ØVYf'' ž* A]``]UfXYbʻ9i fcʻUa '&' "Bcj Ya VYfʻ&\$&' ii bhYfnY]W\bYh'k i fXYž i a ZUgghʻ5VgW\i gg[YfÀhYž'A i b]h]cbʻi bXʻF UXUfgmghYa Y"ʻ9gʻ]ghʻ]b XYfʻ@U[YžʻF U_YhYbʻ]bʻ<Ò\Ybʻj cbʻV]gʻni '%\$\$'?]`ca YhYfb UVni ZUb[Ybʻi bX'\UhʻY]bYʻFY]W\k Y]hYʻj cbʻV]gʻni '&(\$\$'?]`ca YhYfb" 9bhk]W_Y`hʻk]fXʻXUgʻGmghYa 'j cbʻXYfʻ=gfUY``A]gg]`Yʻ8YZYbgY Cf[Ub]nUh]cbʻfHA 8 C Łii bXʻXYfʻI b]hYXʻGhUhYgʻA]gg]`Yʻ8YZYbgY 5 [YbWhʻfA 85Ł"

8 Ugʻ577']bʻl YXYaʻk]fX'ni XYaʻY]bʻ6Uhh`Yʻ7ca a UbXʻ7YbhYfʻZØf XUgʻ 5ffck ʻʻ !GmghYaʻVY\YfVYf[Ybž'XUgʻa]hʻʻ\$ʻV]gʻ(\$ A]hUfVY]hYfbʻVYgYhnhʻgY]bʻk]fX"ʻ8]YgYgʻbYi Yʻ?ca a UbXcʻ]ghʻZØf X]Yʻi a [Y\YbXYʻ9]bgUhnVYfY]hgWXUZhʻi bXʻX]Yʻ ?U`hghUfhZÀ\][_Y]h XYgʻGmghYa gʻj YfUbhk cfh`]WXž'k UgʻX]Yʻ9ZZY_h]j]hÀhʻ]b ?f]gYbg]hi Uh]cbYbʻYf\Ò\h"

$G]WXYfY]hgdc`]h]_`ibX`FØghib[g_ccdYfUh]cb$

8]Y'AcXYfb]g]Yfib['XYf'JYfhY]X][ib[ggmghYaY']b'8YihgW\`UbX']ghUiW\']a'?cbhYlh'Y]bYf'VfY]hYfYb'g]W\Yf\Y]hgdc`]h]gW\Yb
<YfUigZcfXYfib['nigY\Yb"8]Y'HU[YggW\Ui'VYhcbhž'XUgg
9ifcdU'hfchn'Z]bUbn]Y``Yf'9b[dÀggY'aY\f'ZØf'X]Y'JYfhY]X][ib['hibaigg"'9g'k]fX'UiZjYfghÀf_hY'FØghib[g_ccdYfUh]cbYb'[YgYhnhžia'JYfUbhkcfhib['ZØf'X]Y'G]W\Yf\Y]h']b'9ifcdU'ni@VYfbY\aYb"
\D'X]YgYa'Ni[Y'ZUbX'_Øfn`]W\X]Y'; fibXghY]b`Y[ib['ZØf'Y]b'bYiYg
I!6cchl\DghUbXgYhnib[gnYbhfia']b'BcfkY[Yb'ghUhhž'XUg'HY]``XYg
XYihgW\!bcfkY[]gW\Yb'I!6cch\Dfc[fUaag']gh"

6i bXYgj YfhY]X][i b[ga]b]ghYf'6cf]g'D]ghcf]i g'\YVh'X]Y FØghi b[g_ccdYfUh]cb'U`g'bYi Y'6`Ui dUi gY'ZØf'X]Y'B5HC'\Yfj cf $\label{eq:continuous_continuous$

Ni gUa a YbZUggYbX``Aggh`g]W\`gU[Ybž`XUgg`IYXYa `XifW\`XUgbYiY`FU_YhYbUVkY\fgmghYa `ibX`X]Y`XUa]h`jYfVibXYbYb
I a ghfi_hif]Yfib[Yb`ni `Y]bYa `XYf`k]W\h][ghYb`a]`]h\Af]gW\Yb
GhUbXcfhY`]a `K YghYb`8YihgW\`UbXg`UjUbW]Yfh"`8]Y
6ibXYgfY[]Yfib['jYfZc`[h`a]h`X]YgYf`\Djh]Uh]jY`b]W\h`bif`XUg`N]Y`\ZX]Y`Y][YbY`@UbXYgjYfhY]X][ib['ni 'gh\Af_Yb\Z`gcbXYfb`UiW\`Y]bY
GW\`\ØggY`fc``Y`]b`XYb`_c``Y_h]jYb`JYfhY]X][ib[gUbghfYb[ib[Yb]bYf\U`V`XYf`B5HC`Y]bnibY\aYb"

K Y]hYfY' ⇒Zcfa Uh]cbYb'Z]bXYb'G]Y'Ui Z'XYf'GY]hY'XYf'6i bXYgk Y\f

8 Y hU]`g	
JcfZU``	Gcbgh][Yg
Cfh	I YXYa ž'8Yi hgWX`UbX
GWX UXYb ']b '	' *\$\$\$\$\$\$\$
EiY``Yb	• k k k "fi \f&("XY
	• k k k "Vi bXYgk Y\f"XY
	• k k k "hU[YggW\Ui "XY

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z 'b!U["XY