

6fUbXYbVi f['Yf\ À`h'bYi Y FYhhi b[gk U[Yb. 'CVYfVØf[Yfa Y]ghYf ghY``h'g]Y'j cf°

CVYfVØf[Yfa Y]ghYf'GWXY``Yf'dfÀgYbh]Yfh'bYi Y FYhhi b[gk U[Yb']b'6fUbXYbVi f['Ub'XYf'<Uj Y`ž'i a 'X]Y JYfqcf[i b[qq]WXYf\Y]h'ni 'j YfVYqqYfb"



6fUbXYbVi f['Ub'XYf' < Uj Y`ž'8Yi hgW `UbX'!'8]Y

FYhhi b[gX]Ybghj Yfgcf[i b[']b'6fUbXYbVi f['Ub'XYf' < Uj Y`'Yf\À`h

Y]bYb'_fÀZh][Yb'GW\i V. 'CVYfVØf[Yfa Y]ghYf'GhYZZYb'GW\Y'`Yf'i bX

6Y][YcfXbYhYf'H\ca Ug'6Ufn'\UVYb'\Yi hY'X]Y'bYi Yb

FYhhi b[gk U[Yb'XYg'6fUbXYbVi f[Yf'FYhhi b[gX]YbghYg

j cf[YghY``h"'⇒'Y]bYf'a]h'GdUbbi b['Yfk UfhYhYb'DfÀgYbhUh]cb

]bZcfa]YfhYb'g]Y'X]Y'² ZZYbh`]W_Y]h'ØVYf'X]Y'bYi YghYb

9ffi b[YbgW\UZhYbž'X]Y'XUni 'VY]hfU[Yb'gc``Ybž'X]Y

<YfUi gZcfXYfi b[Yb']a 'BchZU``a UbU[Ya Ybh'bcW\'VYggYf'ni

VYk À`h][Yb"'@Ui h'ghUXh!VfUbXYbVi f["XY'ghY\Yb'XYf'GhUXh'UV
gcZcfh'gYW\g'bYi Y'9]bgUhnZU\fnYi [Y'i bX'nk Y]'j c```Ui g[YghUhhYhY

9fgUhnk U[Yb'ni f'JYfZØ[i b[$\check{z}'VYfY]h\check{z}']a$ '9fbghZU``'V`]hngW\bY``'<]`ZY ni '`Y]ghYb"

8]Y'bYi Yb': U\fnYi [Yž'Ui g'XYa 'fYbca a]YfhYb': i\fdUf_'jcb < UUgž'Y]bYa '5bV]YhYf'ZØf'GcbXYfZU\fnYi [Yž'g]bX'gdYn]Y``'Ui Z'X]Y 5bZcfXYfi b[Yb']b'6fUbXYbVi f['Ui g[Y`Y[h"'6]g'GYdhYa VYf k YfXYb'X]YgY'Xi fW\'ZUVf]_bYi Y'A cXY``Y'YfgYhnhž'gcXUgg'X]Y 9]bgUhn_fÀZhY'b]W\h'bi f'jcb'Y]bYf'Zi b_h]cbU`Ybž'gcbXYfb'Ui W\'jcb'Y]bYf'a cXYfbYb': U\fnYi [Z'chhY'dfcZ]h]YfYb'_ObbYb"'8f"'A Ufh]b < cW\ghUhhYfž'Ÿfnh`]W\Yf'@Y]hYf'XYg'FYhhi b[gX]YbghYgž'\YVh'\YfjcfžXUgg'X]YgY'A cXYfb]g]Yfi b['b]W\h'bi f'X]Y'9ZZ]n]Ybn'ghY][YfhžgcbXYfb'Ui W\'X]Y'5fVY]hgVYX]b[i b[Yb'ZØf'X]Y'A]hUfVY]hYf

?cghYb i bX :]bUbn]Yfi b[

9]b·6`]W_·Ui Z·X]Y·Z]bUbn]Y``Yb·5gdY_hY·a UWkh·XYi h`]Wkž·XUgg·Ui Wk
`Ub[Zf]gh]['Y]b·ghUV]`Yg·?cbnYdhij YfZc`[hik]fX"·8]Y·?cghYb·ZØf·X]Y
bYi Yb·FYhhi b[gk U[Yb·VY`Ui ZYb·g]Wk·]b·X]YgYa ˈ¾J\f'Ui Zˈfi bX
'\$\$"\$\$\$'9i fc"·5V`&\$&* 'g]bX·ZØf·X]Y·_ca a YbXYb·¾J\fY·Yhk U
*+) "\$\$\$'9i fc'i bX·UV`&\$&+ '_bUdd'-\$\$"\$\$\$'9i fc'À\f`]Wk
Y]b[Yd`Ubh"·8]YgY·♣j Ygh]h]cbYb·VY]b\U`hYbʻb]Wkhibi fʻX]Y
: U\fnYi [Y·gY`Vghž·gcbXYfb'Ui Wk·X]Y`K Ufhi b[ii bX
♣bghUbX\U`hi b["'8Yf'9]bgUhn'j cb'a cXYfbYbʻFYhhi b[gk U[Yb·_Ubb
gca]h·U`gʻ[i hYgʻ; YgWkÀZh·ZØf·X]Y·GhUXhii bX·j cf·U``Ya 'ZØf·X]Y
G]WkYf\Y]h·XYf·6Yj O`_Yfi b['Ub[YgY\Yb'k YfXYb"

FUi a ZØf =bbcj Uh]cb

±0.5bVYhfUW\hiXYfiYbcfa Ybi5bZcfXYfi b[Ybi]a 'BchZU``gY]bgUhni]gh X]YibYi Yi: `chhYiVYgcbXYfg'Ui ZiX]Yi; Y[YVYb\Y]hYbi]a 'GhUXh[YV]Yh UV[Ygh]a a h"'8Yfi6YXUfZ'Ubi[i hiUi g[YghUhhYhYbii bX ni j YfiÀgg][Ybi: U\fnYi [Ybi]ghiVYgcbXYfg'Ui Z[fi bXiXYfi\c\Yb 9]bgUhnfUhYij cbifi bXi%' Zi%A]``]cbYbi9]bgÀhnYbirÀ\fi]W\zik]YiY]bY 5bU`mgYiXYg'@Y]ghi b[gb]j YUi gi]a 'FYhhi b[gX]YbghinY][h"'8]YgY NU\`YbiVY]b\U`hYbiUi W\X]YiU`Ufa]YfhYbiBchÀfnhYz'X]Yi]bifi bX &Z%- 'A]``]cbYbi: À``Ybidfc'∀J\fi[Yfi ZYbik YfXYbz'k]YiY]bi6Yf]W\hij cb'65Gh'Ui ZnY][h"

Ni gUa a YbZUggYbX``Àggh`g]W\`gU[Yb.`8]Y`9]bZØ\fi b[`XYf`bYi YbFYhhi b[gk U[Yb']b'6fUbXYbVi f[`Ub`XYf`<Uj Y``]gh`b]W\hibi f`Y]bGW\f]hh`]b`F]W\hi b[`a cXYfb]g]YfhY` \pm bZfUghfi _hi fž`gcbXYfb`Ui W\`Y]bk]W\h][Yg`NY]W\Yb`ZØf`X]Y`G]W\Yf\Y]h`i bX`XUg`K c\`VYZ]bXYb`XYf6Yj Ò`_Yfi b["'8Ua]h`nY][h`X]Y`GhUXhž`XUgg`g]Y`Y]b`[i hYg`<ÀbXW\Yb\Uhž`k Ybb`Yg`i a `X]Y` \pm bj Ygh]h]cb`]b``YVYbgfYhhYbXY`HYW\bc`c[]Yb[Y\h"

8 YhU]`g	
Cfh	6fUbXYbVi f['Ub'XYf' <uj hgw\`ubx<="" th="" y`ž'8yi=""></uj>
EiY``Yb	k k k "ghUXh!VfUbXYbVi f["XY
	k k k "VYf`]bYf!ZYi Yfk Y\f"XY
	• k k k "VUgh"XY

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