

G]WXYfY'Gd]Y`d`ÀhnY'ZØf'<Yi gYbghUa a . FY[Y`a À»][Y'=bgdY_h]cbYb'ghUfhYb°

GhÀXh]gWXY'A]hUfVY]hYf'dfØZYb'fY[Y`aÀ»]['<YigYbghUaaYfGd]Y`d`ÀhnY'UiZ'G]WXYf\Y]h"'K]WXh]['ZØf'?]bXYf'ibX 9fn]Y\ib[gVYfYWXh][hY"

<Yi gYbghUa a ž8Yi hgWX`UbX`! =a `FU\a Yb`XYf`fY[Y`a À»][Yb
G]WXYf\Y]hgØVYfdfØZi b[Yb`\UVYb`ghÀXh]gWXY`A]hUfVY]hYf`]b
<Yi gYbghUa a žA UbZfYX`6i b_Y`i bX`*Jbg'8YW_Ufhž\Yi hY`&'
Gd]Y`d`ÀhnY`i bX`: fY]nY]hZ`ÀWXYb`]bgd]n]Yfh"`Ni `XYb`ØVYfdfØZhYb
5b`U[Yb`[Y\OfYb`i bhYf`UbXYfYa `X]Y`G_UhYUb`U[Y`Ua `NYbhfi a
A Ufh]bgYY`i bX`Y]b`VY`]YVhYg`6Ui a gd]Y`\Ui g"`8]YgY`?cbhfc``Yb
Z]bXYb`k OWXYbh`]WX`ghUhhži a `dchYbn]Y``Y`; YZU\fYb`k]Y`GWX`AXYbž
; `Uggd`]hhYf`cXYf`\Yfj cfghY\YbXY`BÀ[Y``ZfØ\nY]h][`ni `Yf_YbbYb"
BYVYb`X]YgYb`cZZYbg]WXh`]WXYb'; YZU\fYb`k YfXYb`Ui WX
J UbXU`]ga i g!GWX`AXYb`i bX`k YhhYfVYX]b[hY`9]bZØggY`]b`X]Y
6Yi fhY]`i b['Y]bVYnc[Ybžk]Y`cd!cb`]bY"XY`VYf]WXhYh"</pre>

 $= a : U``Y'j cb'gcZcfh][Ya `FYdUfUhi fVYXUfZ'k]fX'X]Y'VYhfYZZYbXY \\ Gd]Y`Ub`U[Y'i a [Y\YbX'[YgdYffh''6Øf[Yfa Y]ghYf'GhYZZYb'6U```\YVh \Yfj cfž'XUgg'fY[Y`a Å»][Y'<math>\pm$ 0gdY_h]cbYb'YbhgW\Y]XYbX'g]bXž'i a X]Y'G]W\Yf\Y]h'XYf'Gd]Y`[YfÀhY'ni '[Yk À\f`Y]ghYb'''BYVYb'XYb k ÒW\Ybh`]W\Yb''?cbhfc``Yb'YfZc`[h'Y]bY'i a ZUggYbXY', VYfdfØZ b[Xi fW\Y]bY'Yl hYfbY': UW\Z]fa Už'X]Y'ei UfhU`gk Y]gY'FØhhY`!'i bX 6Y`Ughi b[gdfcVYb'Xi fW\ZØ\fh''8]Y'<Ui dhi bhYfgi W\i b['k]fX'YXYg:fØ\'^U\f'j cb'nYfh]Z]n]YfhYb'Gd]Y`d`UhndfØZYfb'j cf[Ybca a YbžkcVY]'X]Y'9f[YVb]ggY'gcf[ZÀ`h]['Xc_i a Ybh]Yfh'k YfXYbž'i a 'Y]b i a ZUggYbXYg'6]`X'XYf'G]W\Yf\Y]h'ni 'Yf\U`hYb''

F]WXh`]b]Yb'nif'Gd]Y`d`Uhnbihnib[

I a `XYb`\c\Yb`G]W\Yf\Y]hgghUbXUfXg`[YfYW\hini`k YfXYbža ØggYbGd]Y`d`UhnVYhfY]VYf`]b`8 Yi hgW\`UbX`g]W\YfghY``Ybž`XUgg`]\fY; YfÀhY`fY[Y`a À»][`Ui Z'A Àb[Y``ØVYfdfØZh`k YfXYb"`8]Yg`]gh [YgYhn`]W\`]a `DfcXi _hg]W\Yf\Y]hg[YgYhn`fDfcXG; Ł'ZYgh[Y`Y[h" A Àb[Y``Ub`Gd]Y`[YfÀhYb`_ObbYb`Xi fW\`K]hhYfi b[gY]bZØggYž?cffcg]cbž'JUbXU`]ga i g`i bX`5Vbi hni b[`YbhghY\Ybž'k Ug`XUgJYf`Yhni b[gf]g]_c`ZØf'?]bXYf`Yf\O\h"`=a `: U``Y`Y]bYg`I bZU``g`cV`]Y[hX]Y`<UZhi b[`XYa `6YhfY]VYfž'XYf`bUW\kY]gYb`a i ggž'XUgg`Yf`U``YbchkYbX][Yb`G]W\Yf\Y]hga U»bU\a Yb`[YhfcZZYb`\Uhž'k]Y`H.J

G]WXYf\Y]hgghUbXUfXg'i bX'K Ufhi b[

8 UfØVYf`\]bUi g`]gh'Yg`k]W\h][ž'XUgg`i bhYf'XYb`Gd]Y`[YfÀhYb`Y]bY k Y]W\Yž'ghc» XÀa dZYbXY`C VYfZÀW\Y`j cf\UbXYb`]gh"; Y`ÀbXYfž < UbX`Ài ZY`i bX`6Y[fYbni b[Yb`_ÒbbYb`YVYbZU``g`XUni `VY]hfU[Ybž $GhØfnY'ni~'j~Yf\]bXYfb'i~bX'X]Y'G]WXYf\Y]h'ni~'Yf\\hat{O}\Yb'''8]Y\\ J~YfUb~hk~cfhi~b[~'ZØf'X]Y'G]WXYf\Y]h'Ui~Z'Gd]Y`d`AhnYb''`]Y[~h'b]WX~h'bi~f~VY]'XYb''6YhfY]VYfbž'gcbXYfb''Ui~WX'VY]'XYb''9`hYfb'i~bX'6YhfYi~Yfbž~X]Y'?]bXYf'ØVYf'g]WXYfYg'Gd]Y`Yb''Ui~Z_`AfYb'gc``hYb''$

8 YhU]`g	
JcfZU``	J UbXU`]ga i g
I fgUW Y	JUbXU`]gaigžkYhhYfVYX]b[hY`9]bZØggY
Cfh	< Yi gYbghUa a ž'8 Yi hgWX`UbX
EiY``Yb	k k k "cd!cb`]bY"XY
	k k k "hi Yj!bcfX"XY
	• k k k "_ca dUb"Wca

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