

A Y\fYfY`<ibXYV]ggY`]a `?fY]g K]hhYbVYf[.`8f]b[YbXYf`FiZ`bUW\ <ibXYZØ\fYfgW\Y]b

 $B \ UWX \ 'j \]Y \ Yb \ '< i \ b \ XYV \]ggYb \ ']b \ 'K \]hhYbVYf[\ 'X]g_i \ h]Yfh \ 'Y]b \\ < i \ b \ XYhfU]b \ Yf \ X]Y \ 'B \ c \ hk \ Yb \ X][\ _Y]h \ 'Y]b \ Yg \ 'j \ Yfd \ Z]WX \ hYb \ XYb \\ < i \ b \ XYZ \ XV \ fgWX \ Y]bg"$

± XYb ``YhnhYb `K cWXYb `[UV `Yg `]a `? fY]g `K]hhYb VYf[`a Y\fYfY VYi bfi \][Yb XY `J cfZÀ ``Y `a]h < i b XYV]ggYb ž X]Y `X]Y `6Yj Ò`_Yfi b[Ui Z\cfWXYb ``UggYb"·5a `, "'⇒ `] `k i fXY Y]bY `&, ! 'À\f][Y `: fUi `]b 7 cgk]['j cb `Y]bYa `GWXÀZYf\i b X!A]gWX `]b[`]b `X]Y `GWXi `hYf [YV]ggYb" `B i f `ZØbZ'HU[Y `gdÀhYf `Yf `YVhY `Y]bY `, %! 'À\f][Y `: fUi `]b K]hhYb VYf[`Y]bY `A\b`]WX Yž U`Ufa]YfYb XY `G]hi Uh]cb" `5a XUfUi ZZc`[Yb XYb `GUa ghU[`k i fXY `XUbb `Y]b `DU_YhVchY `]b `; f]YVc CdZYf `Y]bYg `< i b XYV]ggYg" `8]YgY `J cfZÀ ``Y `\ UVYb `Y]bY `]bhYbg]j Y 8]g_i gg]cb `ØVYf X]Y `B chk Yb X][_Y]hY]bYg j Yfd Z]WX hYb XYb < i b XYZØ\fYfgWX Y]bg `YbhZUWX h"

a a Yf'k]YXYf'k]fX']b'gc`W\Yb'8]g_i gg]cbYb'X]Y': fU[Y
Ui Z[Yk cfZYbžcV'<i bXY\U`hYf'Y]bY'5fh'BUW\k Y]g'ØVYf']\fY
: À\][_Y]hYb']a 'I a [Ub['a]h'<i bXYb'YfVf]b[Yb'gc``hYbž
j Yf[`Y]W\VUf'a]h'XYf': U\fYf`Ui Vb]g'ZØf'5i hcg"'9]b
<i bXYZØ\fYfgW\Y]b'_ObbhY'h\YcfYh]gW\'XUni 'VY]hfU[Ybž
j YfUbhk cfhi b[gVYk i gghYfY'<U`hYf'i bX'gca]h'[Yf]b[YfY'F]g]_Yb
]a 'I a [Ub['a]h'<i bXYb'ni 'gW\UZZYb"'I a 'j YfgW\]YXYbY
DYfgdY_h]j Yb'Ui Zni nY][Ybž'\UVYb'k]f'9I dYfhYba Y]bi b[Yb'j cb
Y]bYa 'YfZU\fYbYb'<i bXYhfU]bYf'Ui g'XYf'FY[]cb'Y]b[Y\c`h"

8 Ug '9 I d Y fh Y b i fh Y] `

 $8\,Y\,f^{\,\prime}< i\ b\,XY\,hfU]b\,Y\,f\,\check{z}^{\,\prime}\,X\,Y\,f^{\,\prime}g]W\lambda^{\,\prime}Ui\ Z^{\,\prime}\,X\,Ug^{\,\prime}HfU]b\,]b\,[\,\,{}^{\prime\prime}j\,\,c\,b\,{}^{\prime\prime}gWk\,\,k\,\,]Y\,f][\,\,Y\,f\,Y\,b\,\,HfU]b\,J^{\,\prime}$

<i bXYhmdYb 'gdYn]U`]g]Yfh'\Uhž'VYhcbh'X]Y'K]WXh][_Y]h'j cb
5i gV]`Xi b['i bX'J YfUbhk cfhi b["' 9]b'<i bXYZØ\fYfgWXY]b'_ObbhY
Y]bY'g]bbj c``Y'A U» bU\a Y'gY]bži a 'g]WXYfni ghY``Ybž'XUgg
ni _ØbZh][Y'<i bXY\U`hYf'XUg'bOh][Y'K]ggYb'ØVYf']\fYb'<i bX
gck]Y'ØVYf'U``[Ya Y]bY'JYf\U`hYbgk Y]gYb'Yf`YfbYb ž'Yf_`Afh'Yf"'9f
ZØ\fh'k Y]hYf'Ui gž'XUgg'X]Y'; fi bXUi gV]`Xi b['Y]bYg'<i bXYg'i bX
X]Y'9fn]Y\i b['gY]bYf'<U`hYf'ni 'Y]bYa 'VYggYfYb'JYfghAbXb]g'i bX
gca]h'ni 'k Yb][Yf'?cbZ']_hYb'ZØ\fYb'_ObbYb"</pre>

Ni gàhn`]W\ni `XYb`A Y]bi b[Yb`XYg`HfU]bYfg`k i fXY`Ui W\`X]Y
G]W\hk Y]gY`XYg`JYhYf]bàfUa hYg`Y]b[Y\c`h"`8]YgY`\pagh]hi h]cb``Y[h
Y]bYb`: c_i g`Ui Z`X]Y`OZZYbh`]W\Y`G]W\Yf\Y]hi bX`]gh`XUa]h`YVYbZU``g
Y]b`GW\`ØggY`U_hYi f`]b`X]YgYf`8YVUhHY"`JYfhfYhYbXY`A]hUfVY]hYf
XYg`JYhYf]bàfUa hYg`ài »YfhYbž`XUgg`g]Y`X]Y`JcfZà``Y`U`g
Yfbghni bY\a YbXYg`DfcV`Ya `YfUW\hYb`i bX`gW\àhnYbž`XUgg
dfàj Ybh]j Y`A U» bU\a Ybž`k]Y`VY]gd]Y`gk Y]gY`Y]b
<i bXYZØ\fYfgW\Y]bž`Y]bY`k]f_gUa Y`@Ogi b[`XUfghY``Yb`_ObbhYbž
i a `XUg`F]g]_c`j cb`<i bXYV]ggYb`ni 'j Yff]b[Yfb"

D9H5ž'X]Y 'H]YfgW\i hncf[Ub]gUh]cbž'g]Y\h'X]Y 'DfcV`Ya Uh]_'Ui g'Y]bYf
UbXYfYb 'DYfgdY_h]j Y'' \(\alpha\) bYb 'ni \(Zc\) [Y']gh'XYf'GW\ '\ØggY\) 'b]W\\ h'bi f']b
XYb '< \alpha\) XYf' < i bXY\U\) hi b['j Yfk i fnY\'\zetazgcbXYfb'Ui W\\']a
I a [Ub['XYf'A YbgW\]Yb'a]h'H]YfYb'' \(\alpha\) 'Y]bYf'GhY\) i b[bU\a Y\\YVYb'g]Y'\Yfj cfz'XUgg'Y]bY'j YfUbhk cfhi b[gj c\) 'Y
<i bXYYfn]Y\i b['i bX'Y]bY'VYggYfY'5i Z_\alpha\) fi b['\ØVYf
<i bXYj Yf\U\) hYb'Zi bXUa YbhU\\'g]bXz'i a 'gc\'W\Y'J cfZ\\\\'Y'ni
j Yfa Y]XYb'' D9H5'ZcfXYfh'a Y\f'6]\'Xi b['i bX'GYbg]V]\']g]Yfi b['\Z\Øf
U\\'Y'<i bXYVYg]hnYf' 'i bUV\\\Ab[]['XUj cbz'cV'Y]b
<i bXYZ\Ø\\ fYfgW\Y]b'j YfdZ]\W\\ hYbX'k \\AfY'cXYf'b]\W\\h''

8]Y'Ui Z_ca a YbXY'8YVUhhY'nY][hž'XUgg'Yg'j]Y`Y': UWYhhYb'[]Vhž'X]Y
]a '<]bV`]W_'Ui Z'X]Y'G]WXYf\Y]h'j cb'A YbgWX'i bX'H]Yf
VYfØW_g]WXh][h'k YfXYb'a ØggYb"'K À\fYbX'Y]b][Y'ZØf'Y]bYb
<i bXYZØ\fYfgWXY]b'Uf[i a Ybh]YfYbž'UddY``]YfYb'UbXYfY'Ub'ni
Y]bYa 'VYggYfYb'J YfghÀbXb]g'ZØf'<i bXYj Yf\U`hYbž'i a 'dfcU_h]j Y
A U» bU\a Yb'ni 'Yf[fY]ZYb"

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