

GWX cW_'ZØf'66G.'8 Yf'fYbca a]YfhY 5i hcni `]YZYfYf'YfbYi h']bgc`j Ybh

8]Y'k]fhgW\UZh`]W\Y'G]hi Uh]cb']b'8Yi hgW\`UbX'k]fX'ni bY\a YbX
Ub[YgdUbbhž'kUg'g]W\'Ui W\']b'XYf'5i hca cV]`ni `]YZYf]bXi ghf]Y
nY][h"'9]b'U_hi Y``Yg'6Y]gd]Y``]gh'X]Y'\digc`j Ybn'XYg
hfUX]h]cbgfY]W\Yb'I bhYfbY\a Ybg'66Gž'XUg'bi b'YfbYi h'j cf'Y]bYf
i b[Yk]ggYb'Ni _i bZh'ghY\h"

K]fhgWX UZh`]WX Y '< YfUi gZcfXYfi b[Yb 'ZØf'X]Y 5i hca cV]`ni `]YZYfYf</pre>

 $8]Y'DY]hY'XYg': Y`[Yb\YfghY``Yfg'66Gž'X]Y'Ua''&*"'$i']'&$&(`cZZ]n]Y``j'Yf_ØbXYh'k i fXYž']gh'XYf''Øb[ghY'<]bk Y]g'Ui Z'X]Y'GWk]Yf][_Y]hYb]b'XYf'6fUbW\Y''A]h'X]YgYf'<math>\oplus$ gc'j Ybn'a i gg'XUg'I bhYfbY\a YbVYfY]hg'ni a 'ZØbZhYb'A U``]b'gY]bYf'; YgW\]W\hY'i a 'gY]bY'Ni _i bZhVUb[Yb"' \oplus xYb'ni fØW_`]Y[YbXYb'\$J\fYb'gU\'g]W\'66Gž'Y]bk]\k]W\h][Yf'5bV]YhYf'ZØf': U\fnYi [ZY`[Ybž'VYfY]hg'a Y\fZUW\Z]bUbn]Y``Yb'<YfUi gZcfXYfi b[Yb'[Y[YbØVYfž'a]h'j cf\Yf][Yb\$\displayb''\hYb']b'\&\$\$+ž'&\$%\$`z'\&\$\left\\$'' bX'\&\$\left\\$'' \"

$5i gk f_i b[Yb'Ui Z'X]Y'6Y'Y[gWX UZh]$

 $8]Y = bgc'j Ybn' \ Uh'X]fY_hY : c`[Yb'ZØf'Yhk U'&+$'A]hUfVY]hYfž'X]Y']b XYb'VY]XYb'K Yf_Yb']b'GWX]'hUWX'i bX'<YfVc`n\Y]a 'VYgWXÀZh][h g]bX'''@Ui h'; Yk Yf_gWX UZhgj YfhfYhYfb'YfY][bYhY'g]WX'X]Y'D'Y]hY'j cf XYa'<]bhYf[fi bX'VYfY]hg'Ui gghY\YbXYf'@c\bnU\`i b[Ybž'X]Y']b$

XYb``YhnhYb`AcbUhYb`b]W\h`fYW\hnY]h][`Uig[YnU\`h`kifXYb"`8]Y
; YgW\ÀZhgZØ\fib[`\UhhY`nijcf`VYhYiYfhž`XUgg`Yg`Y]bYb`D`Ub`[YVYž
ia`X]Y`Z]bUbn]Y``Y`GhUV]`]hÀh`XYg`IbhYfbY\aYbg`g]W\YfnighY``Ybž
kUg`q]W\'bib`U`g`ibnifY]W\YbX`Yfk]YgYb`\Uh"

8]Y'Fc``Y'jcb'=bjYghcfYb'ibX'ghfi_hifY``Yb DfcV`YaYb

9bXY'&\$&' 'hfUh'X]Y'hØf_]gWXY' \pm G<'; fci d'U`g' \pm j Yghcf'VY]'66G'Y]bž a]h'XYf'Ni gU[Yž'5fVY]hgd`ÀhnY'ni 'g]WXYfb'i bX' \pm j Ygh]h]cbYb'ni hÀh][Yb"'8]YgY'ghfUhY[]gWXY'9bhgWXY]Xi b['gc``hY'XUg I bhYfbY\a Yb'ghUV]`]g]YfYbž'YXcWX'Yfk]YgYb'g]WX'X]Y'Ub\U`hYbX\c\Yb'9bYf[]YdfY]gY'i bX'Y]b'FØW_[Ub['XYg'5VgUhnYg'U`g\]bXYf`]WX"'@Ui h'9I dYfhYb'j cb': U`_YbghY[']gh'X]Yg'Y]b'HY]`'Y]bYg [fò»YfYb'HfYbXg.' \pm a 'YfghYb'<U`V'U\f'&\$&('gh]Y['X]Y'NU\`'XYf\Dgc'j YbnYb'i bhYf'[fò»YfYb'I bhYfbY\a Yb'i a '(%'DfcnYbh']a JYf['Y]WX'ni a 'Jcf'U\f"

66G'U`g'Gma Vc`'ZØf'X]Y'?f]gY']b'XYf'6fUbWXY

 $66G\check{z}[Y[f\emptysetbXYh^{\circ}]a^{-1}J\backslash f^{\circ}\%-+\$\check{z}^{\circ}]gh^{\circ}b]W\lambda h^{\circ}bi^{\circ}f^{\circ}Y]b^{\circ}< YfghY^{\circ}Yf\check{z}$ $gcbXYfb^{\circ}k Uf^{\circ}UiW\lambda^{\circ}j YfUbhk^{\circ}cfh^{\circ}]W\lambda^{\circ}Z\emptyset f^{\circ}X]Y^{\circ}5i^{\circ}gghUhhi^{\circ}b[^{\circ}j^{\circ}cb^{\circ}A]W\lambda^{\circ}UY^{\circ}GW\lambda^{\circ}a^{\circ}UW\lambda^{\circ}YfghYa^{\circ}cfa^{\circ}Y^{\circ}!\%!K^{\circ}K^{\circ}Y^{\circ}ha^{\circ}Y]ghYf!5i^{\circ}hc^{\circ}a^{\circ}h^{\circ}Ch^{\circ}(YgW\lambda^{\circ})W\lambda^{\circ}hY^{\circ}j^{\circ}Yf^{\circ}Y]\wedge h^{\circ}XYa^{\circ}L^{\circ}bhYfbY\Lambda^{\circ}A^{\circ}Y^{\circ}bY^{\circ}Y^{\circ}h^{\circ}UX]h^{\circ}Ch^{\circ}XYi^{\circ}h^{\circ}b[^{\circ}W\lambda^{\circ}X]Y^{\circ}D^{\circ}Y]hY^{\circ}hY][h\check{z}^{\circ}k^{\circ}Y^{\circ}Y^{\circ}h^{\circ}H^{\circ}UX]h^{\circ}cbgfY]W\lambda^{\circ}L^{\circ}bhYfbY\Lambda^{\circ}A^{\circ}Y^{\circ}h^{\circ}h^{\circ}Y^{\circ}Y^{\circ}h^{$

: Un]h. '9]b 'HfYbX'a]h'VYgcf[b]gYffY[YbXYb DYfgdY_h]j Yb

8]Y 'Øb[ghYb'9bhk]W_`i b[Yb'VY]'66G'j YfXYi h`]W\Yb'X]Y < YfUi gZcfXYfi b[Ybž'XYbYb'g]W\'X]Y '[YgUa hY'6fUbW\Y'[Y[YbØVYf g]Y\h"'9l dYfh]bbYb'k UfbYb'XUj cfž'XUgg'X]Y 'FYhhi b[']bgc`j YbhYf I bhYfbY\a Yb']a a Yf'gW\k]Yf][Yf'k]fXž'k Ug'b]W\h'bi f'bY[Uh]j Y 5i gk]f_i b[Yb'Ui Z'X]Y 'VYhfcZZYbYb'5b[YghY``hYb'\Uhž'gcbXYfb Ui W. X]Y : bcj Uh]cbg_fUZh XYg 'GY_hcfg ']bg[YgUa h '[YZÀ\fXYh" '8]Y _ca a YbXYb 'A cbUhY 'k YfXYb 'YbhgW\Y]XYbX 'gY]bž i a 'ni 'gY\Ybž cV'i bX'k]Y 'I bhYfbY\a Yb'k]Y '66G'Y]bY'K YbXY 'gW\UZZYb'_ObbYbž i a ']a ']bhYfbUh]cbU`Yb'K YhhVYk YfV'VYghY\Yb'ni 'V`Y]VYb"

B5;

8 YhU]`g

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