

CfXbi b[gUa hFY]b]W_YbXcfZghY``h'&' CfXbi b[gk]Xf][_Y]hYb ZYgh

=a 'U_hi Y``Yb'AcbUh'ZØ\fhY'XUg'CfXbib[gUah'FY]b]W_YbXcfZ]bg[YgUa h'%(%'?cbhfc``Yb'jcb'JYf_UiZgghY``Yb'bUWX'XYa 6Yf`]bYf'@UXYbÒZZbib[q[YqYhn'XifW\"'8UVY]'kifXYb'&' CfXbib[gk]Xf][_Y]hYb'ZØf'ibYf`UiVh'[YÒZZbYhY JYf_UiZgghY``Yb'ZYgh[YghY``h"'6YgcbXYfg'Ua'%-"'AU]'`U['XYf GWkYfdib_h'XYf'?cbhfc``Ybž'U`g'(,', VYfdfØZib[Yb $Xi fWX[YZ\emptyset \setminus fh^*k i fXYb^*i bX^*XUVY]^*g]YVYb$ $CfXbib[gk]Xf][\underline{Y}]hYb^{2}Ygh[YghY^hkifXYb"8]YgY$ AU» bU\a Yb X]YbYb b]W\hbi f XYf 8i fW\gYhni b[XYg ; YqYhnYqžqcbXYfb'UiW\XYa 'GW\ihn'icb 5fVY]hbY\a Yf]bbYb'i bX'5fVY]hbY\a Yfb"'8]Y 6Yn]f_gghUXhfÀh]b XYf 5VhY] i b[CfXbi b[žl a k Y hi bX $JYf_Y fz' \Rightarrow [U'GW fc X!H]Y''fl781 + z'VYhcbhY'X]Y''6YXYI hi b[$ X]YqYf'?cbhfc``Yb'i bX'`cVhY'XYb'9]bqUhn'XYf'A]hUfVY]hYbXYb XYg'CfXbib[qUa hYg"'G]Y'k]Yg'XUfUi Z'\]bž'XUgg'VY]'6YXUfZ Ui W Ub XY fY'ni ghÀb X][$Y'6Y \setminus Of XYb'k]Y'X]Y' / Ua d \ Y``]d /$



a 'U_hi Y``Yb'A cbUh'ZØ\fhY'XUg'CfXbi b[gUa h'FY]b]W_YbXcfZ
]bg[YgUa h'%(%?cbhfc``Yb'j cb'J Yf_Ui ZgghY``Yb'bUW\'XYa '6Yf`]bYf
@UXYbÒZZbi b[g[YgYhn'Xi fW\"'8UVY]'k i fXYb'&'
CfXbi b[gk]Xf][_Y]hYb'ZØf'i bYf`Ui Vh'[YÒZZbYhY'JYf_Ui ZgghY``Yb
ZYgh[YghY``h"'6YgcbXYfg'Ua '%- "'A U]``U['XYf'GW\k Yfdi b_h'XYf
?cbhfc``Ybž'U`g'(, ', VYfdfØZi b[Yb'Xi fW\[YZØ\fh'k i fXYb'i bX
XUVY]'g]YVYb'CfXbi b[gk]Xf][_Y]hYb'ZYgh[YghY``h'k i fXYb"'8]YgY
A U» bU\a Yb'X]YbYb'b]W\h'bi f'XYf'8i fW\gYhni b['XYg'; YgYhnYgž

gcbXYfb'Ui W\'XYa 'GW\i hn'j cb'5fVY]hbY\a Yf]bbYb'i bX 5fVY]hbY\a Yfb"

8]Y '6Yn]f_gghUXhfÀh]b 'XYf '5VhY]'i b['CfXbi b[ž'I a k Y`h'i bX J Yf_Y\fž'¾ ']U 'GW\fcX!H\]Y 'ff78I ŁŽ'VYhcbhY 'X]Y '6YXYi hi b['X]YgYf ?cbhfc``Yb 'i bX '`cVhY 'XYb '9]bgUhn 'XYf 'A]hUfVY]hYbXYb 'XYg CfXbi b[gUa hYg" 'G]Y 'k]Yg 'XUfUi Z\]bž 'XUgg 'VY] '6YXUfZ'Ui W\UbXYfY 'ni ghÀbX][Y '6Y\ÒfXYb 'k]Y 'X]Y 'Dc`]nY] '6Yf`]bž 'XUg :]bUbnUa hž 'XYf 'Nc```cXYf 'XUg'; Ygi bX\Y]hgUa h'\]bni [Ync[Yb k YfXYbži a '[Ya Y]bgUa Y '9]bgÀhnY 'Xi fW\ni ZØ\fYb" 'Ni gÀhn`]W\ _\ObbYb' <]bk Y]gY 'i bX 'A Y 'Xi b[Yb 'j cb '6Øf[Yf]bbYb 'i bX '6Øf[Yfb ni 'a O[`]W\Yb'J YfghÒ» Yb '[Y[Yb 'XUg'6Yf`]bYf @UXYbOZZbi b[g[YgYhn 'VY]a 'CfXbi b[gUa h'Y]b[YfY]W\h'k YfXYb"

 $9g`]gh`k]W\&h][\check{z}`XUgg`X]Y`9]b\&U`hi b[`j cb'; YgYhnYb'i bX \\ FY[Y`i b[Yb']b'6Yni [`Ui Z'@UXYbOZZbi b[gnY]hYb'_cbhfc``]Yfh`k]fX\check{z} i a `ZU]fY`5fVY]hgVYX]b[i b[Yb'ZØf`5fVY]hbY\&a Yf]bbYb'i bX <math display="block">5fVY]hbY\&a Yf`g]W\&Yfni ghY``Yb'i bX`7\&UbWb[`Y]W\&\&Y]h`ZØf`U``Y \\ JYf_Ui ZgghY``Yb'ni `[Yk Å\&f`Y]ghYb''`8]Y`_cbgYei YbhY , VYfk UW&i b[`i bX`8i fW&gYhni b[`XYg`@UXYbOZZbi b[g[YgYhnYg gW&Øhnh`b]W&h`bi f`X]Y`6YgW&ÅZh][hYbž`gcbXYfb`gcf[h`Ui W&`ZØf`Y]bYb ZU]fYb`K YhhVYk YfV`i bhYf`XYb'; YgW&ÅZhYb''$

HUVY``Y. '6Yf`]bYf'@UXYbÒZZbi b[g[YgYhn' '5bnU\``XYf JYf_Ui ZgghY``Yb_cbhfc``Yb'i bX'ZYgh[YghY``hYb CfXbi b[gk]Xf][_Y]hYb']a 'U_hi Y``Yb'A cbUh

<]ghcf]gWXY'<]bhYf[fØbXY'nY][Ybž'XUgg'X]Y'6Yf`]bYf
@UXYbÒZZbi b[gnY]hYb']b'XYf'J Yf[Ub[Yb\Y]h'cZh'H\Ya U'dc`]h]gWXYf
8]g_i gg]cbYb'k UfYb"'=bgVYgcbXYfY'Ua'' "'C_hcVYf'%- - \$ž'Y]bYa
: Y]YfhU[ž'XYf'XYb'5bgWX`i gg'XYf'88F'Ub'X]Y'6i bXYgfYdi V`]_</pre>

8 Yi hgW\`UbX'ZY]Yfhz'[UV'Yg'?cbhfcj YfgYb'VYnØ[`]W\`XYf @UXYbÒZZbi b[gnY]hYb'i bX'XYf'6YXYi hi b['X]YgYg': Y]YfhU[g'ZØf'X]Y 6Yf']bYf'6Yj Ò`_Yfi b["'8]Yg'ZØ\fhY'`YhnhYbX`]W\'ni f'9]bZØ\fi b['XYg 6Yf`]bYf'@UXYbÒZZbi b[g[YgYhnYgž'XUg'X]Y'^2 ZZbi b[gnY]hYb'j cb J Yf_Ui ZgghY``Yb'fY[Y`h"

8]Y'U_hi Y``Yb'?cbhfc``Yb'XYg'CfXbi b[gUa hYg'FY]b]W_YbXcfZhfU[Yb'XUni 'VY]ž'X]Y'9]b\U'hi b['X]YgYf'; YgYhnY'ni '[Yk À\f`Y]ghYbi bX'ZØf': U]fbYgg'Ui Z'XYa '6Yf`]bYf'A Uf_h'ni 'gcf[Yb"'8]YNi gUa a YbUfVY]h'a]h'UbXYfYb'6Y\ÒfXYb'i bX'XUg'9b[U[Ya Ybh XYf'6Øf[Yf]bbYb'i bX'6Øf[Yf'g]bX'YbhgWXY]XYbXž'i a 'JYfghÒ» Y[Y[Yb'XUg'@UXYbÒZZbi b[g[YgYhn'ni 'jYf\]bXYfb'i bX'Y]b[YfYWXhYg'5fVY]hgi a ZY`X'ZØf'U``Y'ni 'gWXUZZYb"

EiY``Y. kkk "VYf`]b"XY

8 Y hU]`q

6Ygi WXYb 'G]Y 'i bg 'Ui Z. 'a Y]b!VYf`]b "bYh