

# G]WXYf\Y]h']a ': c\_i g.'Gc'gWXØhnYb'G]Y'=\f 5i hc'j cf'8]YVghU\`

A YhU!6YgWxfY]Vi b[...

/ ei ch/9fZU\fYb'G]Y']b'i bgYfYa '5fh]\_Y`ž'k Ufi a
5i hcX]YVghÀ\`Y'&\$&' 'YfbYi h'ghY][ Yb'i bX'k Y`W\Y
G]W\Yf\Y]hga U» bU\a Yb'G]Y'Yf[ fY]ZYb'\_ObbYbži a '≜f
: U\fnYi [ 'ni 'gW\ØhnYb"'8]Y'JYfh]'JYfg]W\Yfi b[ '5; '[]Vh
k Yfhj c``Y'H]ddg'[ Y[ Yb'a cXYfbY'8]YVghU\`ga Yh\cXYbž
Y]bgW\`]Y» `]W\`XYf'; YZU\fYb'j cb'?Ym`Ygg!; c!GmghYa Yb"
GW\ØhnYb'G]Y'g]W\`i bX'≜f'5i hc'a ]h'Y]bYa 'YZZY\_h]j Yb
JYfg]W\Yfi b[ ggW\i hn"/ ei ch/



5`Ufa ghi ZY'F ch'ZØf'5i hcVYg]hnYf°'8]Y'8]YVY'g]bX'k]YXYf'Ui Z'XYf
D]fgWX'i bX'\UVYb'Yg'VYgcbXYfg'Ui Z'@iligZU\fnYi[Y'UV[YgY\Yb"
6Y]'a cXYfbYb'HYWXbc`c[]Ybž'X]Y'XUg'5i ZgWX`]Y» Yb'i bX'GhUfhYb
j cb'5i hcg'Yf`Y]WXhYfbž'k]fX'X]Y'G]WXYf\Y]h'cZh'ni a 'Gd]Y`VU``
g\_fi dY``cgYf'JYfVfYWXYf"'8]Y'JYfh]'JYfg]WXYfi b['5; 'k Ufbh

8]Y:U\fnYi[Y:XYf'cVYfYb'@][U'g]bX'Y]b'VY`]YVhYg'N]Y`ZØf
5i hcX]YVY'i bX'XUg']a a Yf'a Y\f'BUWX'Y]bYa 'XfUa Uh]gWXYb
FØW\_[Ub['k À\fYbX'XYf'7cfcbU!DUbXYa]Y'g]bX'X]Y'NU\`Yb'bi b
k]YXYf']b'X]Y'<Ò\Y'[YgWXbY``h'''@Ui h'Y]bYf'YfgWXfYW\_YbXYb
GhUh]gh]\_'XYg'; YgUa hj YfVUbXg'XYf'8Yi hgWXYb
JYfg]WXYfi b[gk]fhgWXUZh'fl 8JE'k i fXYb']a 'J\f'&\$&' 'gU[Y'i bXgWXfY]VY'%("\*\$\$'\_Ug\_cj Yfg]WXYfhY'5i hcg'[Yghc\`Ybž'k Ug'Y]bYbgWXcW\_]YfYbXYb'5bgh]Y['j cb'ZUgh'&\$'DfcnYbh']a 'JYf[`Y]WX'ni aJcf'U\f'VYXYi hYh''I bX'XUg'g]bX'b]WXh'bi f'NU\`Yb'''YXYf
8]YVghU\`gWX`À[h'a]h'i b[`Ui V`]WXYb'&%''(\$\$'9i fc'ni '6i WXY'
8]YgYf'U`Ufa]YfYbXY'6YhfU['ghY``h'XYb'; YgUa hgWXUXYbž'XYf
VYfY]hg'ØVYf'' %\$'A]``]cbYb'9i fc'VYhfÀ[hž]b'XYb'GWXUhhYb''

## ; fc»ghÀXhY ]a J]g]Yf°

6YgcbXYfg'VYhfcZZYb'g]bX'X]Y'; fc» ghÀXhY'k ]Y'6Yf`]bž'k c'X]Y
5bcbma ]hÀh'X]Y'8]YVY'Yfa i h][ hž']\fY'\_f]a ]bY``Yb'A UWXYbgWX UZhYb
i b[ YghÒfh'Ui gni ZØ\fYb"' 5i hcX]YVY'bi hnYb'cZh'X]Y'5bcbma ]hÀh']b
ghÀXh]gWXYb'I a [ YVi b[ Yb ž'Yf\_`Àfh'5`YI UbXYf'< Y`Xž'? Zn!'i bX
J Yfg]WXYfi b[ gYI dYfhY'VY]'XYf'J Yfh]'J Yfg]WXYfi b[ '5; "': U\fnYi [ Y
XYf'CVYf\_`UggY'i bX'XYf'cVYfYb'A ]hhY`\_`UggY'g]bX'[ Ubn'cVYb'Ui Z
XYf'@]ghY'XYf'VY[ Y\fhYghYb'6Yi hY"'HcmchU!A cXY``Y'ZØ\fYb'X]Y
F Ub[ `]ghY'gc[ Uf'Ub' '\]Yf'k ]fX'i a gc'a Y\f'\_`Ufž'k ]Y'k ]WXh][ 'Yg']ghž
XYb'Y][ YbYb'ZU\fVUfYb'I bhYfgUhn'ni 'gWXØhnYb'

#### ?Ym`Ygg!; c!GmghYa Y`]a : UXYb\_fYi n`XYf`8]YVY

9]b YWX hYg G]WX Yf\Y]hgf]g]\_c Yb hghY\h i VYgcb XYfg Xi fWX ia c XYfbY? Ym Ygg!; c!GmghYa Y" 8]YgY HYWX bc c[]Y Yf Ui Vh Yg XYa :: U\fYf Z XUg :: U\fnYi [ 'c\bY 'XYb '\Yf\_Oa a `]WX Yb 'GWX `ØggY `ni 'OZZbYb i bX ni 'ghUfhYb z 'gc '< Y `X " 8 c WX 'X]Y J YfVfYWX Yf \ UVYb 'X]Y 'HYWX bc `c[]Y ZØf 'g]WX 'YbhXYW\_h \* A]h Y]bYf 'dYf Z]XYb 'FY `Um '5 hhUW\_ 'ZUb[Yb 'g]Y XUg :: i b\_g][ bU ` XYg 'GWX `ØggY `g 'UV i bX j YfghAf\_Yb 'Yg z 'gc XUgg 'XUg 5 i hc 'XYb\_hz 'XYf 'GWX `ØggY `gY] 'X]fY\_h 'VY] ']\a 'i i bX 'gWX cb '[Y\h iX]Y : U\fh `cg °

9]b:: U\fnYi [ ž'XUg'Y]ba U``Ybhf]Y[ Y`h']ghž'\_Ubb'XYf'8]YV'gc`Ub[ Y ZU\fYbž'V]g'XYf'HUb\_'`YYf']gh' i bX']a '9I hfYa ZU```gc[ Uf'`Àb[ Yfž k Ybb'XYf'A chcf'`Ài Zh'i bX'XUg'5i hc'VYhUb\_h'k ]fX°'A Ø\Y`cg j YfgWk ]bXYb'X]Y'[ Yghc\`YbYb'5i hcg'ØVYf'X]Y'; fYbnYž'i a 'Xcfh j Yf\_Ui Zh'ni 'k YfXYb' 'Y]b'5`VhfUi a 'ZØf'YXYb'5i hcVYg]hnYf°

### GW i hna U» bU\a Yb. K Ugʻ\_Ubbʻa Ubʻhi b3

8 Ugʻ5 VghY``YbʻXYgʻgWX`ØggY``cgYbʻGmghYa gʻ\_`]b[hʻ\_Uf[ž'UVYf Zi b\_h]cb]YfhʻhUhgÀWX`]WX "'5``YfX]b[gʻj Yf`]YfYbʻX]YʻBi hnYfʻXUa ]hʻX]Y J cfnØ[YʻX]YgYfʻVYei Ya YbʻHYWXb]\_"'F]W\_'J cgžʻDfcXi \_ha UbU[Yf VY]'7 Ufʻ@cW\_'GmghYa gžʻYa dZ]Y\`hʻghUhhXYggYbʻX]Yʻ]bbcj Uh]j Y G`YYd]b['6UhhYfm ž'X]YʻXYbʻGWX`ØggY``VY]' ±bU\_h]j ]hÀhʻ]bʻXYb GWX`UZa cXi gʻj YfgYhnhʻ gcʻV`Y]VhʻXYfʻ?ca ZcfhʻYf\U`hYb°

9]bY'UbXYfY'A Ò[`]W\\_Y]hži a 'XYa '8]YVghU\`'j cfni VYi [Ybž VYghY\h'XUf]bž'XYb'GW\`ØggY`']b'Y]bY'A YhU``Vcl'ni '`Y[Yb"'5VYf Jcfg]W\h.'5i W\'X]YgY'A U» bU\a Y']gh'b]W\h'bUffYbg]W\Yf''A Ub gc``hY'ghYbž'cV'X]Y'6cl'k]f\_`]W\'\_Y]bYb'G][bU`'Xi fW\`Àggh''9g'[]Vh'nU\`fY]W\Y'kY]hYfY'A U» bU\a Ybž'X]Y'XYb'8]YVYb'XUg @YVYb'gW\kYf'a UW\Yb'\_ObbYb''

9]bY?ca V]bUh]cb'Ui g'j YfgWX]YXYbYb'GWXi hna U»bU\a Yb'V]YhYh
XYb'i `h]a Uh]j Yb'GWXi hn'j cf'5i hcX]YVghU\`ž'k Ufbh'<Y`X"=a
U\_hi Y``Yb'?`]a Už']b'XYa '8]YVghÀ\`Y'k]YXYf']b'A cXY'g]bXž']gh'XYf
f]WXh][Y'JYfg]WXYfi b[ggWXi hn'i bYf`Àgg`]WX"' K]f'fUhYb
5i hcVYg]hnYfb'Xf]b[YbXž'Y]bY'HY]`!'cXYf'Jc``\_Ug\_cj Yfg]WXYfi b[
UVni gWX`]Y»Ybž'X]Y'Ui WX'8]YVghU\``UVXYW\_h ž'gWX`À[h'<Y`X'j cf"
8Ybb'Ui WX'X]Y'VYghY'HYWXb]\_'\_Ubb'\_Y]bYb'UVgc`i h
%\$\$!dfcnYbh][Yb'GWXi hn'V]YhYb°

 $: \emptyset f`U``Y\check{z}`X]Y`g]W\&`Z\emptyset f`gdYn]Y``Y`5b[YVchY`cXYf`kY]hYfY`H]ddg\\ ]bhYfYgg]YfYb\check{z}`\A`h`X]Y`JYfh]`JYfg]W&Yfib[`5; `j]Y`Y`<math>\oplus$ ZcfaUh]cbYbVYfY]h"`KUfhYb`G]Y`b]W&h`ni``Ub[Y`` $\to$ f'5ihc'\_ObbhY`XUg`bAW&ghYN]Y``XYf`8]YVY`gY]b°

# 6Ygi WXYb G]Y i bg Ui Z a Y]b!VYf ]b bYh