

I bZU`Zi W h'Ua : fY]VUX. 'Dc`nY]gi W h  
Xf]b[ YbX'NYi [ Yb']b'5gdYf[

I bZU`Zi W h'Ua : fY]VUX]'b'5gdYf[ . 'Dc`nY]gi W h'NYi [ Yb  
bUW'GUW'gW'UXYb'j'cb'%) '\$\$'9i'fc"<]bk Y]gY'YfVYhYb°

⊕'5gdYf[ '\Uh'g]W'Ua'8]YbghU[ žXYa'&+"5i [ i gh&\$&( žY]b  
JcfZU`YfY][bYhž'XYf'X]Y'5i'Za'Yf\_gUa'\_Y]h'XYf'Dc`nY]'Ui'Z'g]W  
n]Y'h'Nk]gW'Yb'%" "\$\$'l'\f'i'bX'%,'" '\$'l'\f'\_Ua'Yg]b'XYf  
5'hUW'ghf'U»Y'Ui'Z<Ò\Y'XYg': fY]VUXg'ni'Y]bYf'I bZU`Zi W hž'VY]'XYf  
Y]b'dUf'\_Yb'XYf'A'YfW'XYg'VYgW'ÀX][h'k'i'fXY"'8Yf'J'Yfi'fgUW'Yf']gh  
V]g'Ub[ 'i'bVY'\_Ubb'h'i'bX'\Uh'g]W'Ua'X'Ya'JcfZU`'Ui'g'XYa'Gh'U'V  
[Ya'UW'h"

8Yf'JcfZU`'gh'b]W'h'bi'f'Àf[ Yf']W'ZØf'XYb': U\fnYi [ VYg]hnYfž  
gcbXYfb'k]fZ'h'Ui'W': fU[ Yb'ØVYf'XUg'J'Yf\U'hYb'j'cb  
J'Yf'\_Y\fg'hY]'bY'a'Yfb'Ui'Z'9g]gh'Ui'ZÄ`][ž'XUgg]'a'a'Yf'k]YXYf'D\_k  
]b'I'bZÄ`Y'j'Yfk]W'\_Y'h'g]bXž'VY]'XYbYb'XYf': U\fyf'X]Y  
J'Yf'Ub'hk'cf'h'i'b[ 'b]W'h'ØVYfb]a'a'h'⊕'X]YgYa'gdYn]Y`Yb': U`VY'Y]Z  
g]W'XYf'j'Yfi'fgUW'hY'GUW'gW'UXYb'Ui'Z'Yhk'U'%) '\$\$'9i'fcž'k'Ug  
b]W'h'bi'f'ZØf'XYb': YgW'ÀX][hYb'Z]b'Ub'n]Y`VY'UghYb'X'gY]b'\_Ubbž  
gcbXYfb'Ui'W'Y]b'G][bU'XUZØf]'ghž'XUgg'gcb'W'Y'<UbX'i'b[ Yb'b]W'h  
\_cbgYei'Ybh[ Ybi [ 'i'YU\bxYh'k'YfXYb"

## 5i Zfi Z'ni f'NYi [ Ybgi W Y

8]Y'Dc`nY]'?cfbk'Ygh\Y]a'\Uh'X]Y'9fa' ]h'i'b[ Yb'Ui'Z[ Yb'ca'a'Yb  
i'bX']gh'Ui'Z'XYf'Gi'W'Y'bUW'NYi [ Ybž'X]Y'a'Ò[ 'W'Yfk'Y]gY'Yhk'Ug  
ØVYf'XYb'JcfZU`'cXYf'XYb'i'bVY'\_Ubb'hYb': U\fyf'k]ggYb"'8Yf  
6Øf[ Yf'k]fX[ 'YVYhYbž'g]W'i'bhYf'XYf'HY'YZcbbi'a'a'Yf'\$+%) (  
'%' '\$'cXYf'dYf'9!A U]'Ub'\_cfbk'Ygh\Y]a'"dfYj'4'dc`nY]'Vk`"XY'ni  
a'Y'XYb"'>XYf'<]bk Y]g'\_Øbb'hY'ni'f'5i'Z'\_Àfi'b[ 'XYg': U`Yg

VY]hfU[ Yb"

8]Y`I bZU`Zi W`h`ghY`h`b]W`h`bi f`Y]bY`fYW`h]W`Y`<YfUi gZcfXYfi b[  
XUfž`gcbXYfb`nY][ h`Ui W`X]Y`K ]W`h][ \_Y]h`j cb`J YfUbhk cfhi b[ `]a  
GhfU» Ybj Yf\_Y`f`"9g`]gh`k ]W`h][ ž`XUgg`U`Y`HY]`bY`a Yf`]a  
GhfU» Ybj Yf\_Y`f`g]W`Ub`X]Y`F`Y[ Y`b`U`hYb`i bX`]a : U`Y`Y]bYg  
I bZU`g`X]Y`bchk YbX][ Yb`GW`f]hY`i bhYfbY`a Ybž`i a`XYb`J cfZU`  
ni ` \_`ÀfYb"

: U`fnYi [ VYg]hnYf`gc`hYb`YVYbZU`g`XUfUi Z`UW`hYbž`]`fY : U`fnYi [ Y  
[ i h`UVni ghY`Yb`i bX`[ Y[ YVYbYbZU`g`Ui W`X`Y]bY`DUf`dcg]h]cb`ni  
k `À`Ybž`X]Y`g]W`YfYf`]gh`"ϕ`Y]bYa`NY]hU`hYfž`]b`XYa  
, VYfk UW`i b[ g\_Ua YfUg`i bX`a cXYfbY`HYW`bc`c[ ]Y`k Y]h  
j YfVfY]hYh`g]bXž`]gh`Yg`ni XYa`fUhgUa ž`g]W`gc`W`Yf`A ]hY`ni f  
G]W`Yfi b[ `XYg`Y][ YbYb`9][ Ybhi`a`g`ni `VYX]YbYb`"8]Yg`\_Ubb`ni f  
UVgW`fYW`YbXYb`K ]f`\_i b[ `Ui Z`dchYbn]Y`Y`H`hYf`VY]hfU[ Yb"

K ]Y`X]Y`GhU]gh]\_`nY][ hž`V`Y]VYb`j ]Y`Y`I bZU`Zi W`hYb`i bYbhXYW`hž  
k Ug`X]Y`G]hi Uh]cb`bcW`\_`ca`d`n]YfhYf`a UW`h`"9g`]ghj`cb`b`ÖhYbž  
XUgg`g]W`X]Y` : Ya`Y]bgW`Už`ni gUa`a`YbZ]bXYh`i bX`g]W`  
[ Y[ YbgY]h][ `]b`gc`W`Yb`G]hi Uh]cbYb`i bhYfgh`Ø`hnh`"ϕ`j ]Y`Yb : `À`Yb  
\_`ÖbbhYb`B UW`VUfb`cXYf`DUggUbhYb`YbhgW`Y]XYbXY`"ϕ`Zcfa`Uh]cbYb  
`]YZf`bž`X]Y`ni f`5i Z`\_`Àfi b[ `gc`W`Yf`HUhYb`Z`Ø`fYb`\_`ÖbbYb"

Ni gUa`a`YbZUggYbX`]gh`Yg`k ]W`h][ ž`]b`XYf`²`ZYbh]W`\_Y]h`Y]b  
6Yk`i`gghgY]b`Z`Ø`f`X]Y`J YfUbhk cfhi b[ `ni`gW`UZZYbž`X]Y`YXYf  
J Yf\_Y`fghY]`bY`a`Yf`U`h`I bZ`À`Y`k ]Y`]b`5gdYf[ `g]bX`b]W`h`bi`f  
]bX]j ]Xi`Y`Y`HfU[ `ØX]Ybž`gcbXYfb`gd]Y[ Y`b`Ui W`X`[ f`Ø» YfY`gc`n]U`Y  
DfcV`Ya`Y`]a`I`a`[ Ub[ `a`]h`J YfUbhk cfhi b[ `i`bX`G]W`Yf`Y]h`VY]a  
: U`fYb`k ]XYf"

8YhU]`g

6Ygi W`Yb`G]Y`i`bg`Ui`Z`b`!U[ "XY