

A ]h'Di ddYbgd]Y`i bX`J ]g]cb.`C`XYbVi f[ g  
K Y[ `ni f`\_]a UbYi hfU`Yb`Ni \_i bZh

6YU`K YbXY`i bX`]\f`HYUa`XYf` 5[ Ybhi f`ZØf`K Y`hfYhi b[  
`UXYb`Ua`%'`"GYdhYa VYf`&\$&(`]a`7UgUV`UbWU`C`XYbVi f[  
ni f`DfYa ]YfY`Y]b"

⊕`Y]bYf`K Y`hž`X]Y`j cf`]a a Yf`Xf`Åb[ YbXYfYb`Ò\_c`c[ ]gW`Yb  
<YfUi gZcfXYfi b[ Yb`ghY`hž`k ]Xa Yh`g]W`Y]bY`bYi Y  
H\YUhYfdfcXi \_h]cb`XYf`: fU[ Yž`k ]Y`k ]f`X]Y`A YbgW`Yb`ZØf`Y]bY  
\_]a UgW`cbYbXY`Ni \_i bZh`VY[ Y]ghYfb`\_ØbbYb`"8]Y` 5[ Ybhi f`ZØf`  
K Y`hfYhi b[ ži bhYf`XYf`@Y]hi b[ `j cb`6YU`K YbXY`ž`\Uh`g]W`X]YgYf  
5i Z[ UVY`j YfgW`f]YVYb`i bX`b]a a h`\f`Di V`]\_i a`a ]h`Ui ZY]bY  
\_fYUh]j Y`FY]gYž`i a`U`hY`8Yb\_a i ghYf`Ui Zni VfYW`Yb`i bX  
]bbc] Uh]j Y`≠YYb`ni`df`ÅgYbh]YfYb"

8 Ug`GhØW`\_Yfn`Å`h`X]Y` ; YgW`]W`hY`j cb`6YU`K YbXY`i bX`]\fYb  
VY]XYb` : fYi bXYb`@UggY`i bX`Fi h\ž`X]Y` [ Ya Y]bgUa`Y]bYb  
i b\_cbj Ybh]cbY`Yb`5bgUm`j YfZc`[ Ybž`i a`Y]bY`VfY]hY  
² ZYbh]W`\_Y]h`ZØf`Y]b` hc`Yg`i bX`ni \_i bZh`gZ`Å`][ Yg`C`XYbVi f[ `ni  
[ Yk ]bbYb`"G]Y`UggYb`g]W`b]W`h`Ybha`i h][ Yb`i bX`bi hnYb`gck`c\`  
<i a cf`U`g`Ui W`9]bZU`g`fY]W`hi a ž`i a`X]Y`A YbgW`Yb`Ui g]\fYf  
@Yh`Uf[ ]Y`ni`fY]» Yb`"8i fW`X]Y`⊕hY[ fUh]cb`j cb`H\YUhYf!Di ddYb  
i bX`j ]g]cb`ÅfYb`GhUXhYbhk ØfZYb`gW`UZZYb`g]Y`Y]bY`i bhYf`U`hgUa`Y  
5fh`XYf`5i gY]bUbXYfgYhmi b[ `a ]h[ Y[ Ybk`Åfh][ Yb  
l a k Y`hdfcV`Ya Yb"

9]b`\_fYUh]j Yf`Ni [ Ub[ `ni`l a k Y`hh\Ya Yb

8]Y`⊕gnYb]Yfi b[ `k YW`\_h`b]W`h`bi f`BYi [ ]Yfž`gcbXYfb`h\Ya Uh]g]Yfh  
Ui Zgd]Y`Yf]gW`Y`K Y]gY`Ui W`XYb`n]j ]Yb`l b[ Y\cfgUa`"6YU`i bX  
]\f`HYUa`bUj ][ ]YfYb`Xi fW`<YfUi gZcfXYfi b[ Yb`i bX`nY][ Yb`Ui Zž

k ]Y`k ]W\h][`Yg`]ghž`U`h]j` [ Y [ Yb`XYb`?` ]a Uk UbXY`Ubni `Äa dZYb`  
`bXYa`g]Y`li a cfj c`Y`9`Ya YbhY`a ]h`YfbghYb`6chgW\UZhYb  
j YfV]bXYbž`YffY]W\h`X]Y`DfcXi`\_h]cb`Y]b`VfY]hYg`Di`V`\_i a`i bX  
VYY]bZi ggh`X]Y`K U\fbY`a i b [ `XfÄb [ YbXYf`H\Ya Yb`

5a` : fY]hU [ ž`XYb`%` " `GYdhYa VYf`&\$&( ž`k YfXYb`X]Y`Ni gW\Ui Yf`]a  
7UgUV`UbWU`VYnYi [ Ybž`k ]Y` ; fØb`c`ž`Y]b`<Y]nØ`!<c fbcW\gY`i bX  
gc [ Uf`Y]b`D]b [ i ]b`Y]bY`nYbhU`Y`F`c`Y`]b`XYf` ; YgW\ ]W\hY`gd]Y`Yb`  
8]YgY`g`\_i ff]Yb` : ] [ i fYb`\_Øb`bhYb`Ui Z`XYb`YfghYb`6`]W`\_i bj YfY]bVUf  
YfgW\Y]bYbž`gma Vc`]g]YfYb`YXcW\`Ui ZY]bXfi W`gj c`Y`5fh`i bX  
K Y]gY`X]Y`j ]Y`Z`Ä`h] [ Yb`<YfUi gZc`fXYfi b [ Yb`i bX`@Øgi b [ Ybž`X]Y`]b  
XYf`\Yi h] [ Yb`i a k Y`hXYVUhhY`fY`Yj Ub`h]g]bX`

8]Y` 5 [ Ybhi f`ZØf`K Y`hfY`hi b [ `Yfa`i h] [ h`XUg`Di`V`\_i a`b]W\h`bi f  
ni a`B`UW\XYb`\_Ybž`gcbXYfb`]bgd]f]Yfh`ni f`U`\_h]j Yb`A` ]h [ YghU`hi b [   
XYf`Ni`\_i bZh`8i fW\`XYb`\_fYUh]j Yb`9]bgUhn`j cb`?i bgh`k ]fX`Y]bY  
J YfV]bXi b [ [ YgW\UZZYbž`X]Y`Ni gW\Ui Yf`Ya`ch]cbU`Ub`gd]f]W\h`i bX  
[ `Y]W\`nY]h] [ `ni a`<UbXY`b`Ub`fY [ h`8]Y`?ca`V]bUh]cb`Ui`g  
9fbgh\UZh] [ \_Y]h`i bX`i bhYf`U`hi b [ `ghY`h`g]W\Yfž`XUgg`X]Y`H\Ya`Uh`\_  
bUW\`U`h] [ `]a` ; YX`Ä`W\`hb]g`V`Y]Vh`

8]Y`DfYa` ]YfY`]gh`b]W\h`bi f`Y]b`H\YUhYfYfY][`b]gž`gcbXYfb`Ui`W\`Y]b  
5i`Zfi`Z`Ub`U`Y`6Øf [ Yf]bbYb`i bX`6Øf [ Yfž`g]W\`ni`Yb [ U [ ]YfYb`i bX  
U`\_h]j`ni`f`GW\UZZ`b [ `Y]bYf`i a k Y`hZfYi bX`]W\Yb`Ni`\_i bZh  
VY]ni`hfU [ Yb`8Yf`]bb`cj`Uh]j`Y`5`bgUhn`XYf` 5 [ Ybhi f`ZØf  
K Y`hfY`hi b [ `nY][`hž`XUgg`Xi`fW\`?fYUh]j ]h`Ä`hi bX  
[ Ya`Y]bgW\UZh]W\Yg`<UbXY`b`dcg]h]j`Y`J`YfÄbXYfi b [ Yb`a`Ø [ `]W\  
g]bX`

8YhU]`g

6Ygi W\Yb`G]Y`i bg`Ui`Z.`X]Y`!bUW\`f]W\`hYb`"bYh