

: f]YXYbUi 'k ]fX '[ fØbYf. " \$  
6Ui a gW\Y]VYb 'k YfXYb '&\$&( 'Yfk Y]hYfh

/ ei ch/9fZU\fyb 'G]Y ']b 'i bgYfYf'DfYggYa ]hhY'i b[ ž'k ]Y'XYf  
: UW\VYfY]W\ 'GhfU» Yb'XYg'6Yn]f\_gUa hg'HYa dY'\cZ  
GW\ØbYVYf[ ' &\$&( 'X]Y'6Ui a gW\Y]VYb ']b : f]YXYbUi 'Yfk Y]hYfh  
i bX'gca ]h'X]Y'9bhg]Y[ Y'i b[ 'j cb : 'ÀW\Yb'j cfUbhfY]Vh"  
6Yn]f\_gghUXhfÀh]b'8f"9"YbVYW\_Yf'Ài hYfh'X]Y'A U» bU\ a Yb  
ni f'J YfVYggYfi b[ 'XYf'K UggYfj Yfgcf[ i b[ 'ZØf'GhfU» YbVÀi a Y  
i bX'XYb'GW\i hn'j cf'< ]hnYgW\ÀXYb" @YgYb'G]Y'a Y\ f'ØVYf'X]Y  
D'ÀbY'ni f'6Y[ fØbi b[ 'i bX'bUW\ \U'h][ Yb  
GhUXhYbhk ]W\_ 'i b[ "/ ei ch/



B UW\ \U'h][ Y 'GhUXhYbhk ]W\_ 'i b[ ' ]b : f]YXYbUi

⇒ a 'FU\ a Yb'XYf'ZcfhgW\fy]hYbXYb'6Ya Ø\i b[ Yb'i a 'Y]bY  
bUW\ \U'h][ Y 'GhUXhYbhk ]W\_ 'i b[ 'd'Ubh'XYf : UW\VYfY]W\ 'GhfU» Yb'XYg  
GhfU» Yb! 'i bX' ; fØbZÀW\YbUa hg'HYa dY'\cZGW\ØbYVYf[ 'ZØf'XUg  
»\f'&\$&( ' [ fc» Ub[ Y'Y[ hY' A U» bU\ a Yb'ni f'9bhg]Y[ Y'i b[ 'j cb  
: 'ÀW\Yb' ]b : f]YXYbUi " '6YgcbXYfg'VYhfcZZYb'g]bX'X]Y

6Ui a gWXY]VYb`]b`XYf`HUi bi gghfU»Yž`XYf`8Y]XYg\Y]a Yf`GhfU»Y  
gck ]Y`XYf`; ÖffYgghfU»Yž`k cVY]`]bg[ YgUa h`fi bX`" \$`6Ui a gWXY]VYb  
Yfk Y]hYfh`k YfXYb`gc`Yb`"8]YgY`A U»bU\`a Yb`g]bX`b]W`h`bi f`ZÖf`X]Y  
BUhi fž`gcbXYfb`Ui W`ZÖf`X]Y`@YVYbgei U`]h`h`XYf`5bk c`bYf`j cb  
[ fc»Yf`6YXYi hi b[ "

8]Y`9bhg]Y[ Y`i b[ `XYf`6Ui a gWXY]VYb`]gh`Y]b`GW`f]h`h[ Y[ Yb`X]Y  
ni bY\`a YbXYb`<]hnY]bgY`bž`X]Y`]b`gh`Xh]gW`Yb`; YV]YhYb`]ja  
Gca a Yf`Ui ZhfYhYb`"8i fW`X]Y`6YfY]i b[ `j cb`j Yfg]Y[ Y`hYb  
: `ÄW`Yb`k ]fX`b]W`h`bi f`X]Y`j Yfg]W`Yfi b[ `j cb`FY[ Ybk UggYf  
[ YghY][ Yfhž`gcbXYfb`Ui W`XUg`A ]\_fc\_]`a U`j YfVYggYfh`"8]Yg  
\_ca a h`XYb`nU\`fY]W`Yb`GhfU»YbV`Äi a Yb`]b`: f]YXYbUi`ni [ i hYž`X]Y  
VYgcbXYfg`]b`XYb`\Y]»Yb`A cbUH`Yb`i bhYf`K UggYfa Ub[ Y`Y`Y]XYb`"  
8Yf`6Yn]f`\_j YfZc`[ h`a ]h`X]YgYb`A U»bU\`a Yb`XUg`N]Y`ž`XUg  
K UW`ghi a`i b`X`X]Y`; Ygi bX\Y]h`XYf`6Äi a Y`ni`ZÖf`XYfb`"

8f`"9`YbVYW`ž`X]Y`6Yn]f`\_gghUXhf`Äh]bž`Yf`Äi hYfh`X]Y`6YXYi hi b[  
X]YgYf`&]h]Uh]j Y.`K ]f`a ÖggYb`]b`\cW`j YfX]W`hYhYb`; YV]YhYb  
: `ÄW`Yb`Ybhg]Y[ Y`b`"9]bY`cdh]a U`Y`6Ui a gWXY]VY`gc`hY  
a ]bXYghYbg`&A YhYf`VfY]h`i bX`(`A YhYf`Ub[ `gY]bž`i a`i [ YbØ[ YbX  
K UggYf`ZÖf`X]Y`6Äi a Y`ni`gdY]W`Yfb`"ÄW`ZfYi Y`a ]W`ž`XUgg`k ]f`\]Yf  
<]hnYgW`i h`ni bX`X]Y`Gh`Äf`\_i b[ `XYf`6Äi a Y`]a`6Yn]f`\_a ]hY]bUbXYf  
j YfV]bXYb`\_ÖbbYb`"8]YgY`5i ggU[ Y`j YfXYi h]W`hž`k ]Y`k ]W`h][ `Yg  
]ghž`]b`XYf`GhUXhd`Ubi b[ `b]W`h`bi f`X]Y`; YV`Äi XYž`gcbXYfb`Ui W`X]Y  
bUhØf`]W`Yb`9`Ya YbhY`ni`VYfØW`\_g]W`h][ Yb`"

8]Y`[ Yd`UbhYb`A U»bU\`a Yb`\UVYb`b]W`h`bi f`Ö`c`c[ ]gW`Yž  
gcbXYfb`Ui W`gc`n]U`Y`: c`[ Yb`"8i fW`X]Y`GW`UZZi b[ `j cb  
`VYbX][ Ybž`[ fØbYb`: `ÄW`Yb`[ Yk ]bbYb`X]Y`5bk c`bYf  
@YVYbgei U`]h`h`ni fØW`\_i bX`\_ÖbbYb`g]W`Ub`Y]bYf`gW`ÖbYb  
I a [ YVi b[ `YfZfYi Ybž`k Ug`ni f`: ÖfXYfi b[ `Y]bYg`U`\_h]j Yb  
; Ya Y]bgW`UZh`YVYbg`VY]hf`Ä[ h`&N]Y]hYb`XYg`?`]a Uk UbXY`g`g]bX  
gc`W`Y`&]h]Uh]j Yb`j cb`Ybcfa Yf`6YXYi hi b[ ž`i a`X]Y  
I a k Y`hVY`Ughi b[ Yb`]b`Gh`XhYb`ni`a ]bXYfb`i bX`Y]bY`dcg]h]j Y  
9bhk ]W`\_i b[ `ZÖf`ni`\_ÖbZh][ Y`; YbYfUh]cbYb`ni`[ Yk`Ä`f`Y]ghYb`"

&g[ YgUa h`ghY`h`X]Y`9fk Y]hYfi b[ `XYf`6Ui a gWXY]VYb`]b`: f]YXYbUi  
gma Vc`]gW`ZÖf`Y]bYb`VYk i gghYb`I a [ Ub[ `a ]h`i fVUbYb`F`Äi a Yb`"

G]Y`nY][ hž`k ]Y`Xi fW`Xi fW`XUW`hY`GhUXhd`Ubi b[ `i bX`X]Y  
9]bV]bXi b[ `j cb`l a k Y`hUgdY`hYb`Y]bY`bUW`U`h][ Y`6U`UbW  
nk ]gW`Yb`BUhi f`i bX`GhUXh`YVYb`Yf[ YghY`h`k YfXYb`\_Ubb"8Yf  
9fZc`[ `X]YgYf`b]h]Uh]j Y`\_ÖbbhY`Ui W`U`g`A cXY`ZØf`UbXYfY  
GhUXhY]Y`X]YbYbž`i a `Ä`b`]W`Y`Dfc`Y`hY`j cfUbni hfY]VYb"

8YhU]`g

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