

: UhU`'A c hc fWmWY`7fUg\ .`HYYb`5ffYghYX  
Zc f`8I =5 ZhYf`Dc h!F Y`UhYX`=b WjXYbh

5`hfU[ ]Wa c hc fWmWY`UWjXYbh]b`@U\_Y`K c fh\`6YUW  
\][ \`][ \ hg`h\Y`XUb[ Yfg`cZ]a dU]fYX`Xf]j ]b[ ž`Zc`ck ]b[  
a Uf]† UbU`Y[ U`]nUh]cb/ , \$' - /g`]a dUWh`cb`WfUg\`fUhYg"



@U\_Y`K c fh\`6YUW ž: `cf]XU`!`5`hfU[ ]Wa c hc fWmWY`UWjXYbh`Ug  
cbW`U[ U]b`\][ \`][ \ hYX`h\Y`[ fck ]b[ `WcbWfbg`gi ffc i bX]b[  
]a dU]fYX`Xf]j ]b[ ž`dUfh]W`Uf`mk ]h\`h\Y`fYWb`h`Y[ U`]nUh]cb`cZ  
a Uf]† UbU`H\]g`i bZcfh bUhY`]bWjXYbh`hcc`d`UW`cb: YVfi Ufm`&- ž  
&\$&( ž`Uh`h\Y`]bhYfgYW]cb`cZ`8]I ]Y`<][ \k Um`UbX: ci fh\`5j Ybi Y  
Bcfh\`]b`@U\_Y`K c fh\`6YUW ž`fYgi`h]b[ `]b`h\Y`XYUh\`cZ`xf[ Y`8Y  
@Ycbž`U`&+!mYUf!c`X`cWj`f]XYf`C b`ž bY`% ž`&\$&( ž`Ui h\cf]h]Yg  
UffYghYX`%- !mYUf!c`X`ž Ub`9gWcVUf`<YfbUbXYn`cb`WUf[ Yg`cZ`8I =  
a Ub g`Ui [ \hYfž`a Uf\_]b[ `U`[ f]a`fYa ]bXYf`cZ`h\Y`dchYbh]U`XUb[ Yfg  
UggcWjUhYX`k ]h\`Xfi [ `i gY`k \]Y`Xf]j ]b[ "

9gWcVUf`<YfbUbXYn`U`Y[ YX`mXfcj Y`i bXYf`h\Y`]bZi YbW`cZ  
a Uf]† UbUž`k \]W\`YX`hc`h\Y`Wc`]g]cb`k ]h\`8Y`@Ycb`g`a c hc fWmWY"

H\Y`WfUg\`cWw ffYX`Ufci bX`%\$.` \$`DA`k` \Yb`9gWcVUf`<YfbUbXYn  
k Ug`hi fb]b[ ``YZh`cbhc`:`ci fh\`5j Ybi Yž`j ]c`Uh]b[ `8Y`@Ycb g`f][ \h`cZ  
k Um`H\Y`ja dUW`d fcdY``YX`8Y`@Ycb`cbhc`h\Y`fcUXk Umž`UbX  
hfU[ ]WU``mž` \Y`X]YX`Uh`h\Y`gW`bY``F Ydcfhg`]bX]WUhY`h\Uh`9gWcVUf  
<YfbUbXYn g`j Y\]WY`ghfi W`U`g`Yf]ZZ`g`dUhfc`WUf`h\Uh`k Ug  
ghcddYX`Uh`U`hfUZZ]Wg][ bU`ž`WU` g]b[ `Z`fh\Yf`W\Ucg`cb`Ub`U`fYUXm  
hfU[ ]Wb][ \h`

≠bWfYUg]b[ `8Ub[ Yfg

I dcb`Uff]j U`ž`XYdi h]Yg`XYhYW`hYX`h\Y`i ba`]ghU`UV`Y`ga Y``cZ  
a Uf]↑ UbU`Ya UbUh]b[ `Zfca`9gWcVUf`<YfbUbXYn g`8cX[ Y`7\Uf[ Yfž  
UbX`U`a Uf]↑ UbU`W][ UfYhhY`k Ug`WYUf`m]j ]g]V`Y`]b`h\Y`j Y\]WY`  
8i f]b[ `ei Ygh]cb]b[ ž`\Y`UXa`]hhYX`hc`i g]b[ `U`j UdY`dYb`YUf`]Yf`h\Uh  
Yj Yb]b[ ž`ghUh]b[ `h\Uh]h`\Y`dYX`\]a`fY`UI`" `5`hcI ]Wc`c[ mifYdcfh  
`UhYf`WcbZ]fa YX`Ub`ja dU]f]b[ `Ua`ci bh`cZ`H<7`]b`\]g`gmghYa`Uh  
h\Y`h]a Y`cZ`h\Y`WfUg\`"5XX]b[ `hc`h\Y`gYj Yf]hmž`Uh`h\Y`h]a Y`cZ`h\Y  
]bW]XYbž`9gWcVUf`<YfbUbXYn`k Ug`Xf]j ]b[ `cb`U`YUfbYf`g`dYfa`]hž  
`UW`b[ `U`Z` ``UbX`j U`X`Xf]j Yf`g`]W`bgY`

H\]g`]bW]XYb`hcWw fg`U[ U]bgh`U`VUW`Xfcd`cZ`]bWfYUg]b[ `ghUh]gh]Wg  
fY[ UfX]b[ `a Uf]↑ UbU`Y[ U`]nUh]cb`UbX`]hg``b`\_`hc`hfUZZ]W]bW]XYbhg`  
5`fYgYUfW`ghi Xmdi V`]g\YX`Vm`h\Y`BUh]cbU`≠gh]hi hYg`cZ`<YU`h\  
Zci bX`h\Uh`ghUhYg``Y[ U`]n]b[ `fYWfYUh]cbU`a Uf]↑ UbU`Zfca`&\$`\$`-`hc  
&\$`%-`YI`dYf]YbW`X`bchUV`Y`]bWfYUgYg`]b`hfUZZ]WfY`UhYX`]b↑ f]Yg  
UbX`ZUhU`]h]Yg`"GdYW]Z]WU``mž`h\Y`ghi XmifYdcfhYX`U`\*`)`ı`f]gY`]b  
]b↑ fm`WfUg\`fUhYg`UbX`U`&""`ı`f]gY`]b`ZUhU`WfUg\`fUhYg`Xi Y`hc  
gi W\`Y[ ]g`Uh]j Y`W\Ub[ Yg`"K` \Uh`Xc`h\YgY`bi a VYfg`a YUb`Zcf  
:`cf]XU`Ug]h`Wcbh]bi Yg`hc`[ fUdd`Y`k ]h\`h\Y`ja d`]WUh]cbg`cZ  
a Uf]↑ UbU`dc`]W]Yg3

B Uh]cbU`7cbhYI h`UbX`@cWU``≠a d`]WUh]cbg

: i fh\Yf`Z]bX]b[ g`Zfca`h\Y`≠gi fUbW`≠gh]hi hY`Zcf`<][ \k Um`GUZYhm  
f≡ GŁ`fYj YU`g]a`]Uf`dUhYfbg`UWf`cgg`ghUhYg``]\_Y`7U`]Zcfb]Už  
7c`cfUXcž`CfY[ cbž`UbX`K Ug\]b[ hc`bž`k` \YfY`a Uf]↑ UbU`\Ug`VYYb  
`Y[ U`]nYX`"Dcgh!`Y[ U`]nUh]cbž`h\YgY`ghUhYg`gUk`U`a Uf`YX`]bWfYUgY  
]b`WfUg\`fUhYg/7U`]Zcfb]U`UbX`7c`cfUXc`U`cbY`gUk`gd]\_Yg`cZ

%+" , i 'UbX') i '\[ \Yf'WfUg\ 'fUhYgž'fYgdYWh]j Y`m"Gi Wk 'ghUh]gh]Wg  
dU]bh'U'hfci V`]b[ 'd]Whi fY'Ug'a c fY'ghUhYg'Wc bg]XYf'cf'\Uj Y'U'fYUXm  
YbUWYX'a Uf]† UbU`Y[ U`]nUh]cb"

A cfYcj Yfž'U'Wca d`YI 'fY`Uh]cbg\]d`\Ug`Ya Yf[ YX'fY[ UfX]b[  
a Uf]† UbU`i gY'UbX'Xf]j ]b[ 'gUZYhm"K \]Y'ghi X]Yg'\Uj Y`]bX]WUhYX  
h\Uh'a Uf]† UbU`i gYfg'U`cbY'a Umibchig\ck 'Ub`]bWfYUgYX  
`]\_Y`] \ccX'cZ'UW]XYbhg'Wca dUfYX'hc'bc b!i gYfgž'h\Y'Wca V]bUh]cb  
cZ'a Uf]† UbU'UbX'U'Wc\c`d fYgYbhg'U'X]ZYZfYb'ghc fm" H\Y' = G  
]bX]WUhYg'h\Uh'Xf]j Yfg'i bXYf'h\Y`]bZi YbW'cZ'Vch\ 'gi VghUbW'g'UfY  
ZUf'a c fY'gi gW'dh]V`Y'hc'UW]XYbhgž'gi [ [ Ygh]b[ 'h\Uh]h']g'h\Y'a ]I ž  
fUh\Yf'h\Ub'a Uf]† UbU'U`cbYž'h\Uh'fU]gYg'h\Y'ghU\_Yg"

5g'dc`]Wra U\_Yfgž`Uk 'YbZcfW'a Ybž'UbX'di V`]W\YU'h\cZZ]W]U`g  
Wc bg]XYf'h\Y'XUhž'h']g'WYUf'h\Uh'h\Y'fY`Uh]cbg\]d`VYhk YYb  
a Uf]† UbU`Y[ U`]nUh]cb'UbX'hfUZZ]WgUZYhm'fYei ]fYg'cb[ c]b[  
UhYb]cb"E i Ygh]cbg`]b[ Yf'UVci h'\ck 'Ui h\cf]h]Yg'WUb'YZZYWh]j Y`m  
a UbU[ Y']a dU]fYX'Xf]j ]b[ 'f]g\_g']b'h\Y'ZUW'cZYj c`j ]b[ `Y[ ]g`Uh]cb  
UbX`]bWfYUg]b[ 'UW'dhUbW'cZ'a Uf]† UbU`i gY"K ]h'h\Y'bi a VYf'cZ  
ghUhYg`Y[ U`]n]b[ 'a Uf]† UbU'Wc b]bi ]b[ 'hc'f]gY`cj Yf'U'h\]fX'cZ  
I "G" ghUhYg'\Uj Y`Y[ U`]nYX`]h'Zcf'UXi 'hg'U[ YX'&%UbX'c'XYf` ]hg  
]a dYfUh]j Y'h\Uh'Xf]j Yfg'UfY'a UXY'Uk UfY'cZ'h\Y'fYU`XUb[ Yfg  
UggcW]UhYX'k ]h\']a dU]fYX'Xf]j ]b[ "

≠h\Y'k U\_Y'cZ'æf[ Y'8Y'@Ycb g'hfU[ ]WXYUh\ž'k Y'UfY'fYa ]bXYX'cZ  
h\Y'dYfgcbU'hc`cZ'h\YgY'bi a VYfgž'UbX'\ck 'Wfi W]U`]h']g'Zcf  
Yj Yfmc bY'cb'h\Y'fcUX'hc'i bXYfghUbX'h\Y'f]g\_g'cZ]a dU]fYX  
Xf]j ]b[ ž'k \Yh\Yf']h'ghYa g'Zca 'U'Wc\c`ž'a Uf]† UbUž'cf'Ubm'ch\Yf  
gi VghUbW'"GUZY'Xf]j ]b[ ]gb h'† gh'U'dYfgcbU'fYgdc bg[V`]hm']hg'U  
Wca a i b]hm'bYW'gg]hm"

: cf'a c fY'UVci h'h\Y'f]g\_g'UggcW]UhYX'k ]h\']a Uf]† UbU`Y[ U`]nUh]cb  
UbX']hg']a dUWh'cb'hfUZZ]WgUZYhmž'gYY'h\Y'fYdcfhg'Vm'h\Y'**DU`a**  
**6YUW`Dc ghž'B** = ž'UbX'h\Y' = **G"**

C fh	@J_Y`K cfh\`6YUWž: `cf]XU
E i Y`Yb	<ul style="list-style-type: none"><li>• k k k "dU`a VYUWdcgh"Wca</li><li>• da WbW]"b`a "b]\ "[ cj</li><li>• k k k "]]\g"cf[</li></ul>

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