## : `Ua Yg`8Yj ci f`@U\_Y`UbX`< ca Y.`: ]fY =bj Ygh][ Uhcfg`cb`h\Y`GWYbY°

5 Z]fY ]b @U\_Y`UbXžDc`\_`7ci bhmž: `cf]XUžXYghfcmYX U`\ca Y cb i `m`\*ž&\$&) žk ]h\ bc ]b î f]Yg fYdcfhYX" =bj Ygh][Uh]cb i bXYfk Um"



@U\_Y`UbXž: `cf]XUžI b]hYX`GhUhYg'! 5 Z]fY`\Ug'fUj U[YX'U`\caY ]b`@U\_Y`UbXžDc`\_`7ci bhmž: `cf]XUžYUf`m`Gi bXUm'a cfb]b[ žgh]ff]b[ Vch\`WcbWYfb`UbX`Wcbj YfgUh]cb`]b`h\Y`Wca a i b]hm"`Dc`\_`7ci bhm : ]fY`FYgWYYfD7: FŁ'fYWY]j YX'h\Y'X]ghfYgg'WU```Uh`).) + 'U"a "`UbX X]gdUhW\YX`Z]fYZ][\hYfg`dfca dh`m"`6m`\*.\$)`U"a "ž'h\Ym`Uff]j YX'hc Z]bX`h\Y`fYg]XYbWY`Z```m`Yb[i`ZYX`]b`ZUa Ygž'Ub`U`Ufa ]b[`gWYbY h\Uh`gdYU\_g'j c`i a Yg`UVci h`h\Y`i bdfYX]WhUV]`]hm`cZ`Z]fY`\UnUfXg" I bZcfhi bUhY`mžXYgd]hY`h\Y]f`gk ]Zh`fYgdcbgYž'h\Y`ghfi Whi fY`k Ug XYYa YX`U`hchU``cgg`cbWY`h\Y`Z]fY`k Ug`YI h]b[i`]g\YX"`H\Ub\_Z``mž ]b`h\]g`]bghUbWYžbc`]b`f]Yg'k YfY`fYdcfhYXžU`g]`j Yf``]b]b[`]b`Ub ch\Yfk ]gY`XYj UghUh]b[`Yj Ybh"`H\Y`GhUhY`: ]fY`A Ufg\U` g`CZZ]WY`\Ug VYYb`U`YfhYX`UbX`]g`gYh`hc`]bj Ygh][UhY`h\Y`W' ffYbh`m`i b\_bck b WUi gY`cZ'h\Y`Z]fYž'UXX]b[`Ub`U]f`cZ'a mghYfm`hc`h\]g`hfU[]W]bW]XYbhž

## 7cbbYWh]b[h\Y8chg

\ca Yck bYfg"

A cfYcj Yfž'Ub i bqYhh`]b[ '-'ı 'cZ'Z]fY!fY`UhYX'XYUh\g'hfUbqd]fY UZhYf'U'Z]fY'\Ug'dfc[fYggYX'VYmcbX'h\Y'YUf`m'ghU[Yg"'H\]g'ZUWh U`cbY'i bXYfgWcfYg'h\Y']a dcfhUbWY'cZ'YUf`m'XYhYWh]cb'UbX'gk ]Zh UWh]cb"'=hg'U'ghUf\_'fYa]bXYf'h\Uh'h]aY']g'cZ'h\Y'YggYbWY'cbWY'U Z|fY`VfYU\_g`cih": ]fY`gUZYhm`UXj cWUWm`[fcidgž`giW\`Ug`h\Y  $B Uh]c b U^{+}$ :  $]fY^{-}Dfc hY Wh]c b^{-}5 ggc W]Uh]c b^{-}fB^{-}$ :  $D5 tz^{-}ghfY gg^{-}h Y^{-}bY Wf gg]hm$ cZ`UmYfYX`Z]fY`dfchYWh]cb`d`Ubg`]b`fYg]XYbh]U``Vi ]`X]b[g"`H\YgY d`Ubg'UfY'XYg][bYX'hc'Ybgi fY'c\WV dUbhg'\Uj Y'a i `h]d`Y'Uj Ybi Yg Zcf'YjUW/Uh]cb'UbX'qUZYhmž'k \]W\'q\ci`X'VY'U'df]cf]hm'Zcf'U``

#### Z]fY 'gUZY hm'd fc hc Wc `g"

5g<sup>·</sup>h\Y<sup>·</sup>hU<sup>·</sup>Y<sup>·</sup>cZ<sup>·</sup>h\Y<sup>·</sup>@U\_Y<sup>·</sup>UbX<sup>·</sup>Z]fY<sup>·</sup>i bZc<sup>·</sup>Xgž<sup>·</sup>]hg<sup>·</sup>k cfh\<sup>·</sup>Wcbg]XYf]b[ h\Y`qhUh]qh]Wq`WcbWYfb]b[`Z]fY`qUZYhm`bUh]cbk]XY"`+b`&\$&&ž`I "G" di V`]WZ]fY XYdUfha Ybhq fYqdcbXYX hc Uddfcl ]a UhY m %ž) \$(ž) \$\$ Z|fYgžk]h\`Ub`Ygh]aUhYX`) &&ž) \$\$`cVWi ff]b[`]b`ghfi Whi fYg"`9UVX ghUh]gh]W]g`bch`'i gh`U`bi a VYf/`]h`fYdfYgYbhg``]j Yg`X]gfi dhYXž \ca Yg``cghž`UbX`W\Yf]g\YX`VY`cb[]b[g`hi fbYX`hc`Ug\"`K \]`Y`bc ]b^if]Yg^k YfY`fYdcfhYX`]b`h\Y`@U\_Y`UbX`Yj Ybhžh\Y`Uj YfU[Y Wj ]`]Ub Z]fY XYUh\ cWW ffYX Yj Yfm %' - 'a ]bi hYg ]b &\$&&ž  $\left[ \sum_{i=1}^{n} h_{i}^{i} + h$ 

# H\Y 6fcUXYf =a d`]WUh]cbgcZ < ca Y : ]fYg

: ]fYg``]\_Y`h\ ]g`cbY`]``i ghfUhY`U`gcVYf]b[``fYU`]hm`UVci h`Z]fY`f]g\_g`]b fYg]XYbh]U``UfYUg"`5WWcfX]b[ 'hc 'h\Y'I "G"': ]fY 5Xa ]b]ghfUh]cb fl G: 5Łź`\ca Y`Z]fYg`UfY`U`Ufa ]b[`m`Wca a cb"`=b`ZUWłź`+&ı `cZ`Z]fY XYUh\g`c\WV f`]b`\ca Ygža U\_]b[ fYg]XYbh]U``Z|fYg`U`\Vf]h]\U``]qqi Y`hc  $hUW_Y"5^hci [ \ hY]a a YX]UhYWUi gYcZhYY@U_YUbXZ]fY$ fYa U]bg`i b\_bck bž'ghUh]gh]Wg`dU]bh`U`VfcUXYf`d]Whi fY`cZ'Z]fY! fY`UhYX`XUb[Yfg`UWfcgg`h\Y`bUh]cb"`H\Y`IG:5`fYdcfhg`h\Uh`U`Z]fY XYdUfha Ybh'fYgdcbXg'hc'U'Z]fY'Yj Yfm'&%'gYWcbXgž'Zi fh\Yf Ya d\Ug]n]b[ 'h\Y'bYYX'Zcf'Uk UfYbYgg'UbX'dfYdUfYXbYgg']b'ci f XU]`m`]j Yg"

UgʻbchYXʻVmʻ567ʻ5Wh]cbʻBYkg"

5gʻfYg]XYbhgʻcZʻ@U\_Y`UbXʻUbXʻVYmcbXʻfYZYWhʻcbʻh\]gʻfYWYbh hfU[YXmži]hgʻWfi W]U``hcʻWcbbYWh`cWU``Yj YbhgʻhcʻbUh]cbU``Z]fY ghUh]gh]Wg"`H\Y`XUhUʻfYj YU`gʻh\UhʻdfcdYfhm`XUa U[YʻZfcaʻghfi Whi fY Z]fYgʻhchU`YXʻUʻghU[[Yf]b[``%, 'V]``]cbʻ]bʻ&\$&&ž'k]h\`\caY`Z]fYg U`cbY`UWWci bh]b[ʻZcf``%\$")`V]``]cbʻ]b``cggYg"`Gi W\'Z][i fYgʻWUb`VY Uʻk U\_Y!i dʻWU`` fYa]bX]b[ʻi gʻh\Uhʻk \Yh\Yfʻ]b``Uf[Yʻa Yhfcdc`]hUb UfYUgʻcfʻga U```hck bgž'h\Yʻf]g\_gʻUggcW]UhYXʻk]h\ʻZ]fYʻgUZYhm`UfY

♣ WcbWig]cbžk \]`Y`h\Y`@U\_Y`UbX`Z]fY`]g`U`dU]bZi``fYa ]bXYf`cZ k \Uh'WUb`\UddYb`]b`U`ZUg\ž`]h'U`gc`gYfj Yg`hc`fY]bZcfWY`h\Y a YggU[Y.`VY`dfYdUfYX"`< ca Yck bYfg`g\ci`X`VY`dfcUWh]j Yž ]a d`Ya Ybh]b[`Z]fY`gUZYhm`a YUgi fYg`UbX`ghUm]b[`]bZcfa YX`UVci h f]g\_g"`5g`k Y j Y``YUfbYXž`]hg`bch`^igh'UVci h'dfchYWh]b[`dfcdYfhm/ ]hg`UVci h`gUZY[i UfX]b[``]j Yg"`: ]fYg`a Um`VY`i bdfYX]WhUV`Yž`Vi h ci f`Uk UfYbYgg`UbX`fYUX]bYgg`WUb`a U\_Y`U```h\Y`X]ZZYfYbWY`]b`h\Y ZUWY`cZ`Z'Ua Yg"`: cf`a cfY`]bg][\hg`UbX`XYhU]`YX`ghUh]gh]Wg fY[UfX]b[`Z]fY`gUZYhmž`WXYW\_`ci h`h\Y`Z]bX]b[g`Zfca `I\_G: 5`UbX fYgci fWYg`Zfca `: Ya U`Y`@]ZY`GUZYhm"

8 Y hU]`g	
Cfh	@U_Y`UbXž':`cf]XUž'Ib]hYX'GhUhYg
EiY``Yb	● k k k "UVWUWh]cbbYk g"Wca
	• k k k "i gZU"ZYa U"[cj
	<ul> <li>ZY a U`]ZY gUZY hm"cf[</li> </ul>

### 6Ygi WXYb'G]Y'i bg'Ui Z.'a Y]b!k ]Yb"bYh