#### I b`cW\_AYX]WU`6YbYZ]hg. <ck :fYY`UbWYfg`7Ub'∞]bAYI]Wc g'=AGGBck °

@YUfb`\ck`]bXYdYbXYbh`kcf\_Yfg`]b`AYI]Wc`WUb`Ybfc```]b`h\Y ≠AGG`Zcf`\YU`h\`gYfj]WYgž`dYbg]cbgž`UbX`acfYž`YZZYWh]jY`≯`m &\$&)"



A ÅI ]Wc '! 'H\Y '=bgh]hi hc 'A YI ]WUbc 'XY` 'GY[i fc 'Gc W]U` 'fHA GGŁ']g ghYdd]b[ 'i d 'hc 'a YYh'h\Y 'bYYXg cZ'k cf\_Yfg ']b 'hc XUm g YWc bc a mž dfcj ]X]b[ 'YggYbh]U` 'gYfj ]WYg 'hc ']bXYdYbXYbh 'dfc ZYgg]cbU`gž ZfYY`UbWYfgž 'UbX 'YbhfYdfYbYi fg" '5g 'k Y 'Zcf[ Y 'U\YUX ']b 'U'k cf`X k \YfY 'a Ubm Z]bX 'h\Ya gY`j Yg ci hg]XY 'hfUX]h]cbU` 'Ya d`cma Ybh ghfi Whi fYgž ']hg 'Wfi W]U` 'hc 'i bXYfghUbX '\ck 'h\YgY 'VYbYZ]hg 'WUb ]a dUWh mci f '\YU`h\ 'UbX 'Z]bUbW]U` 'gYW f]hm"

 $\begin{array}{l} H \setminus Y \stackrel{*}{\Rightarrow} GG^{\prime} \cup g^{\prime} \cup b \lor \lor YX \stackrel{\prime}{\cup} dfc [fUa^{\prime} \cup ]a^{\prime} X \stackrel{\prime}{\cup} dfY \lor ]gY \stackrel{\prime}{\to} Uh^{\prime}h \setminus ]g \\ Ui X ]Y b \lor \ref{Xi} V Y X \stackrel{\prime}{\Rightarrow} c X \cup [X \cup X^{\prime} & \ref{Xi}] [b Y X^{\prime} g d Y \lor ]Z ] \lor U^{\prime} \stackrel{\prime}{\Rightarrow} cf^{\prime} g Y \stackrel{\prime}{Z} ] \\ Ya d^{c} m^{\prime} X^{\prime} ]b X ]j ]Xi \cup g^{''} \stackrel{\circ}{\Rightarrow} \lor \lor cf X ]b [ \stackrel{\prime}{\to} c^{-} = a^{\prime} \bigcup [Y b^{\prime} F \cup X] c \check{z} \stackrel{\prime}{\to} h fci [ \setminus h \setminus ]g \\ a c X \cup [hm\check{z}^{\prime} g Y \stackrel{\prime}{Z} ]gh U fh Y fg^{\prime} \lor U b^{\prime} \cup \lor \lor \lor gg^{\prime} \cup b^{\prime} \cup f \cup m c Z^{\prime} \lor b Y Z ]hg^{\prime} \cup ]b^{\prime}hc \\ h \setminus cg Y \stackrel{\prime}{\cup} j \cup ]^{\prime} \cup Y \stackrel{\prime}{\to} c^{\prime} g \cup \bigcup [Y X^{\prime} Ya d^{\prime} cm Y Yg^{''} \stackrel{\prime}{:} fca^{\prime} a^{\prime} Y X ] \\ \end{matrix}$ 

dYbg]cb'd`Ubgž'AcXU`]XUX'%\$'\Ug'VYWcaY'U'[UaY!WXUb[Yf'Zcf aUbm"

### I bXYfghUbX]b[ 'A cXU`]XUX'%\$

6i h'k \Uh'XcYg'g][b]b['i d'Zcf'AcXU`]XUX'%\$'fYU``m'a YUb3 9I dUbg]cb"a I 'g\YXg'`][\h'cb'h\Y'gdYW]Z]Wg.'Y`][]V`Y']bX]j ]Xi U`gž ]bWi X]b['Ufh]gUbg'UbX'ga U``'Vi g]bYgg'ck bYfgž'[U]b'UWWYgg'hc ]a dcfhUbh'gcW]U``gYW'f]hm'VYbYZ]hg"'H\]g']bWi XYg'Wcj YfU[Y'Zcf a YX]WU``Wcbgi `hUh]cbgž'\cgd]hU``ghUmgž'd\Ufa UWYi h]WU`gž'UbX Yj Yb'a UhYfb]hm'WUfY"': i fh\Yfa cfYž'h\]g'd`Ub'Wcj Yfg']bWUdUW]hm UbX'dYbg]cb'VYbYZ]hg'Zcf'i bZcfYgYYb'W]fWi a ghUbWYg"

H\Y'fYei]fYaYbh'hc'c]b'h\]g'dfc[fUa']g'ghfU][\hZcfkUfX"'Mci bYYX'hc'VY'Ub']bXYdYbXYbh'kcf\_Yf'k]h\cih'Ubm'giVcfX]bUhY Yad`cmaYbh'fY`Uh]cbg\]dž'dcggYgg'U'7IFDž'U'jU`]X'=8ž'dfccZ'cZ fYg]XYbWfž'UbX'Ub'UWh]jY'YaU]``UWWcibh"'H\Y'ZYY'ghfiWhifY']g VUgYX'cb'mcif'XYWUfYX'acbh\`m']bWcaYž'fUb[]b['Zfca'h\Y a]b]aia'kU[Y'id'hc'&)'h]aYg'h\Y'IA5ž'dfcj]X]b['ZYI]V]`]hm hU]`cfYX'hc'YUW\']bX]j]XiU`g'Z]bUbW]U``g]hiUh]cb"

A cfYcj Yfž'Ug'U'\_]W\_Yfž'i gYfg'k cb h'bYYX'hc'\Uj Y'dfYj ]ci g`m Wcbhf]Vi hYX'Ug'Ya d`cmYYg'hc'^c]b'A cXU`]XUX'%\$ž'a U\_]b[']h'cdYb UbX'UVWYgg]V`Y'hc'U'VfcUXYf'Ui X]YbWY"'H\]g']g'dUfh]W'`Uf`m bchYk cfh\mž'Ug'a Ubm'dYcd`Y'\Uj Y'hfUbg]h]cbYX'hc'ZfYY`UbWY'k cf\_ Xi Y'hc'Yj c`j ]b['YWcbca]WWcbX]h]cbg"

# 5XX]h]cbU``Cdh]cbg`Zcf`GY`Z!9a d`cmYX K cf\_Yfg

K \]`Y`A cXU`]XUX`%\$`g\]bYg`k]h\`]hg`Wca dfY\Ybg]j Y`VYbYZ]hgž h\YfY g`a cfY`hc`Wcbg]XYf"`5g]XY`Zfca `]bX]j ]Xi U``Wcj YfU[ Yž`h\Y ≠A GG`U`gc`cZZYfg`U`: Ua]`m`<YU`h\`=bgi fUbWY`d`Ub`Zcf`h\cgY XYg]f]b[`cb`m`a YX]WU``gYfj ]WYg`Zcf`h\Y]f``cj YX`cbYgž`k \]`Y`Ubch\Yf cdh]cbž`A cXU`]XUX`(\$ž`WUhYfg`gdYW]Z]WU``m`hc`h\Y`i bYa d`cmYX`Vm U``ck]b[`h\Ya`hc`a U]bhU]b`h\Y]f`dYbg]cb`Wcbhf]Vi h]cbg" 5g`\][\`][\hYX`]b`FibU\fž`h\Y`=AGG`\Ug`VYYb`cb`U`a]gg]cb`hc Yb\UbWY`UbX`acXYfb]nY`]hg`gYfj]WYg`Zcf`]bXYdYbXYbh`kcf\_Yfg g]bWY`h\Y`%--\$g"`:fca`VUg]WaYX]WU``gYfj]WYg`]b`h\Y`YUf`m`XUmg hc`hcXUmg`WcadfY\Ybg]jY`cZZYf]b[gž`]bWiX]b[`dYbg]cbg`UbX gcW]U``VYbYZ]hgž`h\YmjY`U]aYX`hc`]adfcjY`UWWYgg]V]`]hm`UbX giddcfh"

K \UhgʻfYa Uf\_UV`YʻUVci hʻh\Yʻ≠ GGʻ]gʻ]hgʻWca a ]ha Ybhʻhc ZYI ]V]`]hm"'Mci fʻW\c]WYʻcZʻgU`Ufm'VUgYʻZcfʻWcbhf]Vi h]cbgʻ]gʻYbh]fY`m i dʻhcʻmci žʻk \]W\ʻa YUbgʻmci ʻWUbʻUXʻI ghʻUWWcfX]b[ʻhcʻmci f Z]bUbW]U``WUdUV]`]hm"`DUma YbhgʻWUbʻU`gcʻVYʻa UXYʻh\fci [\`j Uf]ci g a Yh\cXgžʻgi W\ʻUgʻVUb\_ʻVfUbW\YgʻUbXʻY`YWhfcb]W hfUbgZYfg U``ck]b[ʻ[Ybi]bYʻYUgYʻcZʻUVWYggʻZcfʻh\cgYʻ1 [[`]b[ a i `h]d`YʻfYqdcbq]V]`]hlYq"

#### H\Y`FcUX`5\YUX

5g'h\Y'k cf`X'Wcbh]bi Yg'hc'g\]Zh'hck UfXg'[]['UbX'ZfYY`UbWY'k cf\_ž h\Y'VYbYZ]hg'cZ'c]b]b['=A GG'UfY'VYWca]b[']bWfYUg]b[`m ]a dcfhUbh"'=bX]j]Xi U`g'k \c'Ybfc```]b'h\]g'dfc[fUa 'bch'cb`m'[U]b UWWYgg'hc'YggYbh]U``\YU`h\'gYfj]WYg'Vi h'U`gc']a dfcjY'h\Y]f``cb[! hYfa 'Z]bUbW]U``ghUV]`]hm'k]h\'dchYbh]U``dYbg]cbg'UbX'ch\Yf'gcW]U` VYbYZ]hg"

♣ WcbWig]cbži]Zmci fY'Uacb['h\Y`Y[]cb'cZ'ZfYY`UbWYfg'UbX]bXYdYbXYbh'kcf\_Yfgž'Wcbg]XYf'hU\_]b['h\Y`YUd']bhc'h\Y' AGG`UbXgWUdY"'H\Y'giddcfh']g'h\YfYž'hU]`cfYX'Zcf'mci ž'UbX'Ug'h\YmgUmž' H\YfY g'gcaYh\]b['hc'VY'gU]X'Zcf'\Uj]b['U'[ccX'\UbX" 8 cb h'a]gg'ci h'cb'h\Y'cddcfhi b]hm'hc'gUZY[iUfX'Vch\`mcif'\YU`h\UbX'mcif'Zi hifY°

8YhU]`g	
Cfh	AÅI]WC
EiY``Yb	• k k k "]a U[YbfUX]c"Wca "a l
	<ul> <li>YIdUbg]cb"al</li> </ul>
	• fi bU∖f"Wća

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