

## BØfbVYf[ 'U`g'JcfV]`X. '9fZc`[ fY]WXY K YbXY']a 'FUXj Yf\_Y\fg\_`]a U°

BØfbVYf[ 'k i fXY'&\$&( 'VY]a '58: 7!: U\ffUX\_`]a U!HYgh'U`g 5i Z\c`Yf 'Ui g[ YnY]W\bYhž'XUb\_'j YfVYggYfhYf FUX]bZfUghfi \_hi f'i bX'A cV]`]hÀhqghfUhY[ ]Yb"



BØfbVYf[ž:8Yi hgWX`UbX`!`K Ug`[Y\h`]b`BØfbVYf[3:9g`[]Vh; fi bX`ni f`: fYi XY`ZØf`U``Y`FUXZU\fYf]bbYb`i bX`FUXZU\fYf`]b`XYfGhUXh``8]Y`AYhfcdc`Y`\Uh`VY]a` 58:7!:U\ffUX\_`]aU!HYghYfghaU`g`]b`XYf`?UhY[cf]Y` 5i Z\c`Yf`UV[YgU\bh"`@Ui h`BØfbVYf["XY`ki fXY`X]Y`JYfVYggYfi b[`XYf`FUX]bZfUghfi \_hi f`]bXYb``YhnhYb`\*J\fYb`VYgcbXYfg`[Y`cVhži bX`X]Y`dcg]h]jYbFØW\_aY`Xi b[Yb`]b`aY\fYfYb`?UhY[cf]Yb`gdfYWXYb`Y]bY`\_`UfYGdfUWXY"

6Y] XYf "YhnhYb 6YZfU[ib[']a '< YfVgh &\$&( 'gh]Y[ 'X]Y
HY] bY\a YbXYbnU\ "Ui Z'%"\* - \$žY]b '5bgh]Y['jcb'%\* 'DfcnYbh']a
JYf[ `Y]WX 'ni '&\$&&" 'Gc 'XØfZYb 'g]WX 'BØfbVYf[ g'F UXZU\ fYbXY 'ØVYf
a Y\f'U`g'bi f'Y]b 'dUUf'bYi Y'F UXK Y[ Y'ZfYi Yb. '8]Y 'J YfZØ[ VUf\_Y]h

j cb 5 VghY``Ub`U[YbžXYf`K]bhYfX]Ybghii bX`X]Y`FY]b][i b[`XYfFUXkY[Y`kifXYb`XifWkY['dcg]h]j`VYkYfhYh"Jcf`U``Ya`X]Y JYfZØ[VUf\_Y]h'ÒZZYbh`]W\bi hnVUfYf`: U\ffÀXYfž`X]Y`9ffY]W\VUf\_Y]h XYf` $\pm$ bYbghUXh`i bX`X]Y`^2ZZbi b['j cb'9]bVU\bghfU\yYb`ZØf`XYbFUXjYf\_Y\f`]b`; Y[Ybf]W\hi b[`VY\_UaYb'j]Y``Ni gdfi W\"'9]bkY]hYfYg`<][\`][\h`]gh`X]Y`D`Ubi b[`\cW\kYfh][Yfž\_fYi ni b[gZfY]YfFUXgW\bY``jYfV]bXi b[Ybž`X]Y`k]W\h][Y`Di b\_hY`]b`XYf`GhUXha]hY]bUbXYf`jYfV]bXYb`gc``Yb"

## GhfUhY[]YbibX:cfhgWXf]hhY

8]Y'ni \_ØbZh][Yb': U\ffUXghfU»Yb'i bX'XUg'FUXj cffUb[fci hYbbYhn g]bX'HY]`'Y]bYg'[fÒ»YfYb'D`Ubgž'XYf'Y]bY'i a ZUggYbXY

JYfVYggYfi b['XYf'FUXj Yf\_Y\fg]bZfUghfi \_hi f']b'BØfbVYf[
j cfg]Y\h"=a 'FU\a Yb'XYg'5i gVUi g'g]bX'%+'?]`ca YhYf'j cb'%'

GhfU»YbnØ[Yb'VYfY]hg'ni ': U\ffUXghfU»Yb'i a [YghU`hYh'k cfXYb"

\*bj Ygh]h]cbYb']b': U\ffUXUVghY``Ub`U[Yb']b'K c\b[YV]YhYb'i bX'Ub

JYfUbghU`hi b[gcfhYb'gc``Yb'XUni 'VY]hfU[Ybž'XUg'FUXZU\fYb'b]W\h
bi f'Y]bZUW\Yfž'gcbXYfb'Ui W\'UhhfU\_h]j Yf'ni '[YghU`hYb"

## 9]b '6`]W\_ ']b 'X]Y 'Ni \_i b Zh

8]Y'bÀW\ghY'6YZfU[ib['nia'58:7!:U\ffUX\_`]aU!HYgh'ghY\h']a <YfVgh'&\$&\*'Ub"'9g'V`Y]Vh'U`gc'gdUbbYbXž'k]Y'g]W\'X]Y'G]hiUh]cb V]g'XU\]b'Ybhk]W\_Y`b'k]fX"'8]Y'BØfbVYf[Yf'GhUXhjYfkU`hib[']gh kY]hYf\]b'U\_h]j'ibX'UfVY]hYh'XUfUbž'bcW\'aY\f'AYbgW\Yb'ZØf'XUg FUXZU\fYb'ni'VY[Y]ghYfb'ibX'XUa]h'X]Y'@YVYbgeiU`]hÀh']b'XYf GhUXh'ni'Yf\Ò\Yb"'6Y]'U```X]YgYb'6YaØ\ib[Yb'\_Ubb'aUb'bif  $\label{lem:czybz} $$ \czybzxuggBØfbVYf[ `Ui W\`]b`Ni _i bZh`Ui Z`XYa `f]W\h][ Yb`K Y[ V`Y]Vh`i bX`k Y]hYf\]b`]a `FUb_]b[ `XYf`ZU\ffUXZfYi bX`]W\Yb`Gh\XhY Ui ZghY][ h"$ 

8 Y hU]`g	
Cfh	BØfbVYf[ž8YihgWX`UbX
EiY``Yb	• k k k "bi YfbVYf[ "XY
	<ul><li>ZU\ffUX_`]a U!hYgh"UXZWXY</li></ul>

6Ygi WXYb G]Y i bg Ui Z. bU[!VUmYfb"XY