## 

 $5`Y_gUbXYf'6Uf_cj \check{z}`WUdhU]b`cZ'h\Y`: `cf]XU`DUbh\Yfg\check{z}`YUXg k ]h\`i ba UhW\YX`dYfZcfa UbW\\check{z}`]bgd]f]b[``\]g`hYUa ``UbX`ZUbg Ug`d`UmcZZ'\cdYg`f]gY"$ 



HUa dYfYž: ]b`UbX'!' \b'h\Y'\YUfh'cZh\Y'\cW\_Ym'k cf`Xž

5`Y\_gUbXYf'6Uf\_cj 'cZh\Y': `cf]XU'DUbh\Yfg']g'a U\_]b[ '\YUX`]bYg
k ]h\'\]g'YI WYdh]cbU`'[ Ua Yd`Um''5g'h\Y'hYUa 'WUdhU]bž'6Uf\_cj '\Ug
YghUV`]g\YX'\]a gY`Z'Ug'U'WcfbYfghcbY'cZh\Y'DUbh\Yfgž
g\ck WUg]b[ 'U'ghf]b[ 'cZ']a dfYgg]j Y'dYfZcfa UbWYg'h\Uh'\Uj Y
g][ b]Z]WUbh`m'Y`Yj UhYX'Vch\'\]g'ghUhi g'UbX'h\Y'hYUa g'cj YfU``
dYfZcfa UbWY''FYWYbh'fYdcfhg']bX]WUhY'h\Uh'6Uf\_cj '\Ug'X]gd`UmYX
Ub'Ughci bX]b[ 'UV]`]hm'hc'`YUj Y'cddcbYbhg'gWfUhW\]b[ 'h\Y]f'\YUXgž
gWcf]b[ 'a i `h]d`Y'dc]bhg']b'Wfi W]U`'[ Ua Yg''

Zcf'[fYUhYf'\Y][\hg']b'h\Y'`YU[iYž'6Uf\_cj g'g\_]``YX'UddfcUW\
WcaV]bYg']bhY``][Ybh'ghfUhY[mž'dfYW]g]cbž'UbX'fYaUf\_UV`Y
Uh\`Yh]W]gaž'k\]W\'\Y'\Ug'\cbYX'Zifh\Yf'h\]g'gYUgcb"'<]g'WUdUW]hm
hc'aU]bhU]b'WcadcgifY'ibXYf'dfYggifY'\Ug'U``ckYX'\]a'hc
YIYW'hY'Wcad`YI'd`Umg'h\Uh'WUb'hifb'h\Y'h]XY']b'Ubm'[UaY"

## $H \setminus Y \subset Y \cup fh \subset Z \cap Y \cap HY \cup a$

H\Y'UXa ]fUh]cb'Zcf'6Uf\_cj'fi bg'XYYd'Ua cb['hYUa a UhYg'UbX WcUW\Yg'U`]\_Yž'k \c'fYgdYWh'\]g'XYX]WUh]cb'UbX'gi VghUbh]U`
]bZi YbW'''< ]g'fY`Ybh`Ygg'k cf\_'Yh\]WgYfj Yg'Ug'U'VYUWcb'Zcf'h\Y
Ybh]fY'gei UXž']bgd]f]b['Yj Yfm'd`UmYf'hc'Y`Yj UhY'h\Y]f'[Ua Y'UbX a U\_]b['h\Y'DUbh\Yfg'U'Zcfa ]XUV`Y'dfYgYbW''cb'h\Y']WY'''K ]h\'h\Y d`UmcZZg'cb'h\Y'\cf]ncbž'h\Y'ZcW'g']g'gei UfY`m'cb'6Uf\_cj''' WUb'\Y a U]bhU]b'h\]g'Y`Yj UhYX'`Yj Y``cZ'dYfZcfa UbWY3'< ]g'`YUXYfg\]d'k]``
VY'Wf]h]WU``hc'h\Y'DUbh\Yfg'Ua V]h]cbg'dcgh!gYUgcb''

 $5h'' 1 gh'' - mYUfg'c X z'6Uf_c j z'Vcfb'cb'GYdhYa VYf' & z''' - ) z']b \\ HUa dYfYz': ]b `Ub X z'ghUb X g'hU```Uh'* 'ZYYh'' ']b WX Y g'Ub X' & % ( 'dci b X g'' < Y' \ Ug'fYa Uf_UV `m'g WcfY X' & , * 'WUfYYf' [ c U `g'Ub X' Ua UggY X' U'hchU` c Z' + , & 'WUfYYf' dc]b hg z' k \ ]WX ']b Wi XY g'U'ghUb X ci h' + %'dc]b hg ``Ugh gY Ugcb'U`cb Y z' k \ Y fY' \ Y'b Y hhY X' & $' [ c U `g'' + b'UX X]h]cb'hc' \ ]g ]a dfYgg]j Y'ghUhg z' \ Y' \ Ug'U`fY UX m'WY`YV fUhY X'h\ Y'i `h]a UhY'j ]Whcfm cb WY z' \ Uj ]b [ 'k cb'U'GhUb`Y m'7 i d'Ug'U'd`UmY f'' 'Mci 'WUb'Z]b X'a cfY cb'\ ]g'WUfYYf'ghUh]gh] Wg'Uh' < c \ W_Y m! F Y ZY fY b WY''$ 

## 5 @Y [ UWm ]b h\ Y A U\_]b[

6Uf\_cj g']bZi YbWY'cb'h\Y'DUbh\Yfg'WUbbch'VY'cj YfghUhYX"'<Y'\Ug hfUbgZcfa YX'h\Y'hYUa 'Zfca 'cbY'ghfi [ [ `]b[ 'hc'Z]bX']hg'Zcch]b[ ']bhc U'dck Yf\ci gY'WcbhYbXYf"'5g'\]g'`Y[ UWm'Wcbh]bi Yg'hc'hU\_Y'g\UdYž h\YfY g'a i W\'hc'VY'gU]X'Zcf'\ck '\Y']bgd]fYg'U'bYk '[ YbYfUh]cb'cZ\cW\_Ym'd`UmYfg'UbX'ZUbg'U`]\_Y"'H\Y'\cdYg'cZ': `cf]XU'bck 'fYgh'cb h\Y'WUdUV`Y'g\ci `XYfg'cZ'h\Y]f'WUdhU]bž'a U\_]b[ 'Yj Yfm'[ Ua Y'Ub cWWUg]cb'hc'k UhW\'Zcf'k\Uh'\Y'a ][\h'UW\]Yj Y'bYI h"

  $\label{eq:condition} $$YI W]h]b[ `h]a Y `hc `VY `U `ZUb `c Z': `cf]XU `\cW_Ymz`Ug `h\ Y `hY Ua ``cc_g`hc Vi ]`X `cb `]hg `fY WY bh `gi WWY gg `Ub X `a U_Y `U `g][ b]Z]WUb h `a Uf_ `]b `h\ Y $$B < @``Ub XgWUd Y"$ 

8 Y hU]`g	
Cfh	HUa dYfYž: ]b`UbX
EiY``Yb	<ul><li>a chcfWhWYgdcfhg"bYh</li></ul>
	<ul><li>k k k "\cW_Ym!fYZYfYbWY"Wca</li></ul>

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