

## 9\Ya Ubb ZYgh[ Ybca a Yb. &-!À\f][ Y ]b ?fU]``]b[ Vfi hU`Yfa cfXYh°

⇒ '?fU]``]b[ 'k i fXY'Y]bY'&-!À\f][ Y'hch'Ui Z[ YZ bXYb/']\f 9\Ya Ubb'ghY\h']a 'J YfXUW\hž'g]Y'[ YhÒhYh'ni '\UVYb"'GYW\g ?]bXYf']b'CV\i h"



?fU]``]b[ž8Yi hgWX`UbX`!'\\?fU]``]b[`gcf[hY]b'i bZUggVUfYg
JYfVfYWXYb'ZØf'9bhgYhnYb.'9]bY'&-!\\A\f][Y'kifXY']b']\fYf
K c\bib['hch'Ui Z[YZibXYb"'K]Y'6F\&('VYf]WXhYhž'kifXY'X]Y
Dc`]nY]'[Y[Yb'%('I\f'jcb'U`Ufa]YfhYb'5bkc\bYfb'[YfiZYbž'X]Y
Y]bYb'V`i hYbXYb'A Ubb'Ub'XYf'; Ui h]b[Yf'GhfU\\Y'[YgY\Yb'\UhhYb''
6Y]'XYf'UbgWX`]Y\\YbXYb'\\VYfdfØZib['XYf'Kc\bib['YbhXYW\_hYb
X]Y'6YUahYb'X]Y'hchY':fUi ž'X]Y'cZZYbVUf'[YkU`hgUa'i ag'@YVYb\_Ua''

8 Y f '9 \ Ya Ubb 'X Y f'; YhÒhY hY b ž Y ]b '' \*!  $\stackrel{.}{A}$  \ f][ Y f ž 'k i f X Y 'i bhY f X f]b [ Y b X Ya 'H Uhj Y f X U W h' Z Y gh[ Y b ca a Y b "' 9 f 'gc `` 'V Y f Y ]hg 'Ua b À W ghY b 'H U [ 'Y ]b Ya ' < U Z h f] W hY f 'j c f [ Y Z Ø \ f h ' k Y f X Y b "' 8 ] Y ? f]a ]b U `d c `]n Y ] ': Ø f g h Y b Z Y `X V f i  $\stackrel{.}{W}$  '\ Uh 'X ] Y '9 f a ]hhì i b [ Y b

ØVYfbca a Yb"'@Ui h'A Yf\_i f'g]bX'i a ZUb[fY]WXY
Gdi fYbg]WXYfi b[ga U» bU\a Yb'Ua 'HUhcfh']a '; Ub[Yž'i a 'X]Y
[YbUi Yb'l a ghÀbXY'XYg'JYfVfYWXYbg'ni '\_`ÀfYb"'9]bY'CVXi \_h]cb
XYg'@Y]WXbUa g'k i fXY'j cb'XYf'GhUUhgUbk U`hgWXUZh'Ub[YcfXbYhž
i a 'X]Y'HcXYgi fqUWXY'ni 'VYgh]a a Yb"

## 8]Y:c`[YbXYgJYfVfYWXYbg

6YgcbXYfg'YfgW\ØhhYfbX']ghž'XUgg'X]Y'gYW\g'?]bXYf'XYf'; YhÒhYhYbž ]a '5`hYf'j cb'j ]Yf'V]g'nY\b'\\\\fYbž'j ca '\rightarrow\ [YbXUa h'GhUfbVYf[']b CV\i h'[Ybca a Yb'k i fXYb"'8]YgY'hfU[]gW\Y'K YbXi b['k]fZh'Y]bYb Xi b\_`Yb'GW\UhhYb'Ui Z'X]Y'ZUa ]`]ÀfY'G]hi Uh]cbž'X]Y'Xi fW\'XUg J YfVfYW\Yb'ghUf\_'VY`UghYh'k]fX"

±0.18 Yi hgWX`UbX`g]bX`; Yk U`hj YfVfYWXYb`Y]b`YfbghYg`H\Ya U"`G]Y
a UWXYb`nk Uf`k Yb][ Yf`U`g`(ı `U``Yf`dc`]nY]`]WX`YfZUgghYb
GhfUZhUhYb`Ui gž`\UVYb`YXcWX`Y]bYb`Ybcfa Yb`9]bZi gg`Ui Z`XUg
G]WXYf\Y]hg[ YZØ\``XYf`A YbgWXYb"`8]Y`NU\``XYf`; Yk U`hj YfVfYWXYb
]gh``Ui h`GhUh]ghU`]a `₺J\f`&\$&(`Ui Z`fi bX`&%+"\$\$\$`Ub[ Ygh]Y[ Yb`
X]Y`\ÒWXghY`NU\``gY]h`&\$\$+"`8]Yg`nY][ hž`XUgg`; Yk U`h\_f]a ]bU`]hÀh
Y]b`k UWXgYbXYg`DfcV`Ya `XUfghY``hž`Ui WX`k Ybb`X]Y
5i Z\_`Àfi b[ gei chY`VY]`ØVYf`+) ı ``]Y[ h"

8 Yf'ni gÀhn`]WX Y 5 bgh]Y[ 'XYf'; Yk U`hnU\ `Yb']gh'[ YfUXY']b'NY]hYb k ]fhgWX UZh`]WX Yf'I bg]WX Yf\Y]hYb'i bX'gcn]U`Yf'6Y`Ughi b[ Yb VYgcbXYfg'VYgcf[ b]gYffY[ YbX"'A Ò[ `]WX Y'I fgUWX Ybž'k ]Y'i bhYf UbXYfYa 'X]Y'dgmWX]gWX Yb'6Y`Ughi b[ Yb'Xi fWX'X]Y'7cfcbU! A U» bU\a Ybž'\_ObbhYb'Y]bYb'9]bZi gg'Ui Z'X]Y'Ni bU\a Y'j cb; Yk U`h'\UVYb"'8Yf'J cfZU``']b'?fU]``]b[ ']gh'Y]b'k Y]hYfYg'6Y]gd]Y`XUZØfž'k ]Y'gWX bY``'g]WX'XUg'@YVYb'Y]bYf': Ua ]`]Y']bg'BY[ Uh]j Y k YbXYb'\_Ubb'i bX'k ]Y'k ]WXh][ 'Yg']ghž'ØVYf'X]Y'DfcV`Ya Uh]\_'XYf; Yk U`h\_f]a ]bU`]hÀh'ni 'gdfYWXYb"

8]Y '9fa ]hhìi b[Yb'g]bX'bcW\'[Ubn'Ua '5bZUb[ži bX'j]Y`Y': fU[YbghY\Yb']a 'F Ui a "'K]Y'\_cbbhY'Yg'ni 'X]YgYf'HfU[ÒX]Y'\_ca a Yb3 K Ug'[YgW\]Y\h'bi b'a ]h'XYb'VYhfcZZYbYb'?]bXYfb3'8]Y \_ca a YbXYb'HU[Y'k YfXYb'YbhgW\Y]XYbX'gY]b'ZØf'X]Y'5i Z\_`Àfi b[X]YgYf'Zi fW\hVUfYb'HUh'i bX'ZØf'XUg'GW\]W\_gU``XYf

8 YhU]`g	
Cfh	?fU]``]b[ž'8Yi hgW\`UbX
EiY``Yb	• k k k "Vf"XY
	• k k k "a Yf_i f"XY
	<ul><li>XY"ghUh]ghU"Wca</li></ul>

6 Y gi WX Y b 'G]Y 'i bg 'Ui Z. 'b U[!V UmY fb "X Y