

## Hfi b\_Yb\Y]hgZU\fh']b @UbXUi . : U\fYf Z`ØW\hYh'j cf'Dc`]nY] i bX'j YfgU[h°

±b`@UbXUi 'j Yfgi WXhY`Y]b'' %!^À\f][ Yf': U\fYfž'g]WX`Y]bYf Dc`]nY]\_cbhfc``Y'ni 'Ybhn]Y\Yb"'9f'k i fXY'k Y[ Yb'5`\_c\c`'Ua GhYi Yf'ZYgh[ Ybca a Yb"



 $\label{thm:continuous} $$ $ VYfh! 9]bghY]b!GhfU Yz + *, &- @UbXUi z 8 Yi hgW `UbX ! = $$ XYfBUWAh `Ui Z GcbbhU[z [Y[Yb $%.() `I \fz [Yf]Yh Y]b `' %! ^A\f][Yf : U\fYf]b @UbXUi ]b Y]bY J Yf_Y\fg_cbhfc ``Y XYfDc `]nY] " 5 bghUhh Ubni \U`hYbzgdfUb[ XYfA Ubb `Ui g gY]bYa : U\fnYi [ i bX Zc\ ]b F]WAhi b[ @UbXYg[ UfhYbgWA Ui [ Y`AbXY" 8]Y `Dc `]n]ghYb `bU\a Yb gcZcfh X]Y J YfZc `[ i b[ `Ui Z 8 Yf j Yfnk Y]ZY `hY : U\fYf gi WAhY Ni Zi WAh ]b Y]bYa ; YVØgW z k c Yf gWX `]Y >`]WA [ YgW bUddh k i fXY"$ 

6Y] gY]bYf': YghbU\a Y'VYa Yf\_hYb'X]Y'6YUa hYb'Y]bYb'ghUf\_Yb 5hYa U`\_c\c`[Yfi WX"'CVk c\`'XYf': U\fYf'\_Y]bYb'5hYa U`\_c\c`hYgh Xi fWXZØ\fYb'`]Y» ž'k i fXY']\a 'Y]bY'6`i hdfcVY'Ybhbca a Ybž'i bX gY]b': Ø\fYfgWXY]b'k i fXY'j cb'XYf'Dc`]nY]'VYgWX`U[bU\a h''8]Y hfU[]gWXY': `i WXh'YbXYhY'U`gc'j cf'XYb'5i [Yb'XYf'6YUa hYb'' \_Y]bY

8YhU]`g	
J c f ZU``	: U\fYfZi W\h
I fgUW Y	5`_c\c`Y]bZi gg
Cfh	5`VYfh!9]bghY]b!GhfU»Yž'+*,&-'@UbXUiž
	8 Yi hgWX`Ub X
: YghbU\a Yb	%

 $6\,Y\,gi\ WX\,Y\,b\,{}^*G\,]Y\,{}^*i\ b\,g\,{}^*Ui\ Z.\,{}^*b\,!\,U[\ "X\,Y$