

## 6Yf`]bYf': i » VU``']a 'I a Vfi WX.'K Yf'k ]fX X]Y'Xf]hhY'?fUZh3

9fZU\fYb'G]Yž'k]Y'g]W\'XYf'6Yf`]bYf':i » VU```]a '\$ b]'&\$&)
Ybhk]W\_Y`hž'kYf'X]Y'bYiYb'?fÀZhY'g]bX'ibX'kY`W\Y
<YfUigZcfXYfib[Yb'VYghY\Yb"



8]Y'FY[]cbU``][U'k]fX'jcb'ZØbZ'6Yf`]bYf'JYfY]bYb'jYfhfYhYbž'XcW UiW'\]Yf'[]Vh'Yg'\_Y]bY'Y]bXYih][Yb':Ujcf]hYb"'6YgcbXYfg UiZZÀ``][']ghž'XUgg'X]Y'NigWXUiYfnU\`Yb'VY]a'%":7'lb]cb'ibX':7 J]\_hcf]U']a':fUiYbZ'»VU```ghYh]['kUWXgYb"'8Yf'6:7'8mbUac'ibX  $\label{thm:continuous} HYbb]g`6cfi~gg]U`fHY6YŁ'k~YfXYb`\Ài~Z][~U`g`dchYbn]Y``Y`Xf]hhY`?~fUZh~Yfk~À\bh"`K~À\fYbX`HY6Y`]b`XYf`ZØbZh_`Ugg][~Yb`CVYf`][~U`gd]Y`hii~bX~gdcfh`]W\`k~Y]hij~cb`Y]bYf`Gd]hnYbdcg]h]cb`YbhZYfbh`]ghž`\Uh`XYf`6:~7~8~mbUa~c`Y]bY`[~fc~y`:~Ub!6Ug]gž``Y]XYh`YXcW\`i~bhYf`Y]bYf~a~UfcXYb`Gd]Y`ghÀhhY"$ 

## < YfUi gZcfXYfi b[ Yb i bX GhÀf\_Yb XYf 6Yf`]bYf'J YfY]bY</pre>

Ni gUa a YbZUggYbX'`Àggh'g]W\'gU[Ybž'XUgg'XYf'6Yf`]bYf': i  $\Rightarrow$  VU`` U\_hi Y``'j cf'nU\`fY]W\Yb'< YfUi gZcfXYfi b[Yb'ghY\hž'UVYf'Ui W\'X]Y ; fi bX`U[Y'ZØf'a Ò[`]W\Y': cfhgW\f]hhY'[Y[YVYb']ghž'k Ybb'X]Y JYfY]bY'X]Y'f]W\h][Yb'GW\f]hhY'i bhYfbY\a Yb'i bX'g]W\'ghUV]`]g]YfYb\_\ObbYb"

K Y]hYfY' =b Zcfa Uh]cbYb'ØVYf'XYb'6: 7'8 mbUa c'i bX'X]Y
gdcfh`]WXYb'K YhhVYk YfVY']a ': fUi YbZ » VU``'Z]bXYb'G]Y'Ui Z'
\_]W\_Yf"XY'i bX'\_]W\_Yf"XY"

| 8YhU]`g |                     |
|---------|---------------------|
| Cfh     | 6Yf`]bž'8YihgWX`UbX |
| EiY``Yb | • k k k "fVV&( "XY  |
|         | • k k k "_]W_Yf"XY  |
|         | • k k k "_]W_Yf"XY  |

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z. 'a Y]b!VYf`]b "bYh