

< Y`X]bbYb'XYg'K UbXY`g.'Gc'_Aa dZh'XUg 8 YgYfh': `ck Yf'7YbhYf'[Y[Yb': ; A *</pre>

8 Ug'8 YgYfh': `ck Yf'7 YbhYf']b `NY\`YbXcfZ'i bhYfghØhnh': fUi Ybž X]Y'CdZYf'j cb'; Yb]hU`j YfghØa a Y`i b['k i fXYbž'a]h a YX]n]b]gWXYf'i bX'dgmWXc`c[]gWXYf'<]`ZY"

5f[Ybh]b]gW\Y'5``YY'(\$ž'%(%*''6Yf`]bž'8Yi hgW\`UbX'!=a
8YgYfh: `ck Yf'7YbhYf']a '?fUb_Yb\Ui g'K U`XZf]YXY']b'6Yf`]b
ghY\Yb': fUi Ybž'X]Y'CdZYf'j cb'; Yb]hU`j YfghØa a Y`i b['k i fXYbž']a
A]hhY`di b_h"'8f"'7cfbY`]U'Ghfi bnž'X]Y'gY]h'&\$%' 'X]Y'GdfYW\ghi bXY
`Y]hYhž'VYf]W\hYhž'XUgg': fUi Yb'Ui g'@ÀbXYfb'k]Y'Gca U`]U'i bX
; i]bYU'g]W\'Xcfh'<]`ZY'gi W\Yb"'J]Y`Y'DUh]Ybh]bbYb'`Y]XYb'i bhYf
gW\k Yfk]Y[YbXYb'd\mg]gW\Yb'i bX'dgmW\]gW\Yb'DfcV`Ya Ybž'X]Y
Xi fW\'X]Y'[fUi gUa Yb'DfU_h]_Yb']\fYf'?]bX\Y]h'j Yfi fgUW\h
k i fXYb"'♣ 'XYf'9]bf]W\hi b['k i fXYb'gY]h']\fYf'; fØbXi b['ZUgh'-\$\$
: fUi Yb'VY\UbXY`hž'fi bX'' \$\$'XUj cb'cdYf]Yfhž'i a 'HY]`Y'XYf'?`]hcf]g
ni 'fY_cbghfi]YfYb"

$$\label{eq:continuous_system} \begin{split} 5`]WW `GWK & UfnYf `Y \ fhY `Ghfi bn' _Øfn`]WK `a]h`XYa `&< Y`X]bbYb! \\ 5k UfX ~Z`k Ug`X]Y `OZZYbh`]WX Y 5i ~Za Yf_gUa _Y]h`Ui ~Z`XUg`H\Ya U ; Yb]hU`j YfghØa a Y`i b[`k Y]hYf`j YfghÅf_h" 8]YgY `DfUl]g`VYhf]ZZh b]WX h`bi f`A][fUbh]bbYb`Ui g`5Zf]_Už`gcbXYfb`Ui WX : fUi Ybž`X]Y`]b 8 Yi hgWX`UbX``YVYb"`GWX Ahni b[Yb`ni Zc`[Y`g]bX`]b`8 Yi hgWX`UbX Yhk U`+) "$$$: fUi Yb`VYhfcZZYb"`8]Y`BUWXZfU[Y`bUWX`<]`ZY`b]a a h ni ž`XU`]a a Yf`a Y\f': fUi Yb`Ui Z[fi bX`]\fYf`; YgWX]WX hY`XYb a i h][Yb`GWXf]hh`k U[Ybž`l bhYfghØhni b[`ni `gi WXYb"`Ghfi bn`VYhcbhž XUgg`X]Y` < Y`X]bbYb `X]YgYf`: fUi Yb`]b`]\fYf`9bhgWX`cggYb\Y]hž [Y[Yb`X]Y`l b[YfYWXh][_Y]hYb`ni `_Aa dZYbž`Y]bY`[fc`» Y`\dgd]fUh]cb g]bX"`A Y\f`XUni `Z]bXYb`G]Y`]b`Y]bYa `6Yf]WXh'j cb`$$

k k k "hU[Yggd]Y[Y`"XY"

8 YhU]`g	
Cfh	5f[Ybh]b]gW\Y`5``YY`(\$ž`%(%*' `6Yf`]bž
	8 Ying W. `Ub X

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