

6Yf`]bYf`8Ua Yb`YbhZØ\fYb`]b ZUgn]b]YfYbXY: chck Y`h. J cfhfU[']a FUVYb\Ui g

9bhXYW_Yb^G]Y^X]Y^ZUgn]b]YfYbXYb^9]bXfØW_Y^Y]bYf^FY]gY^Ubg 9bXY^XYf^K Y^h^5a ^%&"%%"&\$&(^dfAgYbh]Yfh^6f]hU^K Y]» `Yf^]a FUVYb\Ui g^Y"J "^VYY]bXfi W_YbXY^; chcg^j cb UhYa VYfUi VYbXYb^@UbXgWXUZhYb^i bX^GhAXhYb"^HfYZZYb^G]Y ; `Y]WX[Yg]bbhY^i bX^^UggYb^G]Y^g]WX^]bgd]f]YfYb^^*Ihnh Uba Y^XYb^



``9]b`i bj Yf[Ygg`]W\Yg`5VYbhYi Yf`ni a `9bXY`XYf`K Y`h°`

"8fY]"a i h][Y"6Yf"]bYf"8Ua Yb"\UVYb"g]W\"Ui Z'Y]b
UhYa VYfUi VYbXYg"5VYbhYi Yf"VY[YVYb"i bX"]\fY"K U[b]ggY"ni a
9bXY"XYf"K Y`h "Ui Z"ZUgn]b]YfYbXY"K Y]gY"Xc_i a Ybh]Yfh""5a "%&"
Bcj Ya VYf"&\$&("XØfZYb"g]W\"U"`Y"FY]gY!"i bX": chc[fUZ]Y!@]YV\UVYf
Ui Z'Y]bY"gdY_hU_i "ÀfY"DfÀgYbhUh]cb"ZfYi Ybž"X]Y"X]Y"G]bbY"VYhÒfh
i bX"XYb"5"`hU["j Yf[YggYb"`Àggh""

"5a '8]YbghU['i a '%, .' \$'I \f'Yfk UfhYh'X]Y'Ni gW\Ui Yf']a
GhUXhhY]`nYbhfi a 'XYg'F UVYb\Ui g'Y"J"']b'XYf'Di W\UbghfU» Y'- ž
%&))) '6Yf`]bž'Y]b'UhYa VYfUi VYbXYg'9f`YVb]g"'6f]hU'K Y]» `Yf'k]fX
a]h']\fYf'VYY]bXfi W_YbXYb'6]`XYfZi h'X]Y'5ha cgd\AfY'XYg
I bVY_UbbhYb'`YVYbX]['k YfXYb'`UggYb"'8]Y'5i ZbU\a Y'j cb
a UYghAh]gW\Yb'6Yf[`UbXgW\UZhYbž'a mgh]gW\Yb'K A`XYfb'i bX
f]Yg][Ybž'ghfU\`YbX'V`Ui Yb'; `YhgW\Yfb'k]fX'X]Y'Ni \ÔfYf']b
GhUi bYb'j YfgYhnYb"'

9]b 6] X gU[h a Y\f U g hUi gYbX K cfhY

 $\label{thm:condition} $$ c WX 'X Ug']gh'bc WX 'b]WX h'U'`Yg^*8]Y'DfAgYbhUh]cb'j Yfgdf]WX h'Ui WX ZUgn]b]YfYbXY'GhUXh]a dfYgg]cbYbž'X]Y'XUg'< Yfn'Y]bYf'YXYb; fc ** ghUXh']YV\UVYf]b'\O\Yf'gWX`U[Yb'`UggYb'''KY]* `Yfg'9]bXfØW_YnY][Yb'b]WX h'bi f'X]Y'i bVYfØ\fhY'BUhi fž'gcbXYfb'Ui WX'di `g]YfYbXYGhAXhYž'X]Y'; YgWX]WX hYb'Ui g'Y]bYf'UbXYfYb'K Y`h'YfnA\`Yb'''$

"K Yf'VY]'X]YgYa '9j Ybh'XUVY]'gY]b'a ÒW hYž'gc``hY'b]W h'nÒ[Yfbž g]W 'gW bY``'Y]bYb'D`Uhn'ni 'g]W Yfb"'5ba Y`Xi b[Yb'g]bX hY`YZcb]gW 'i bhYf'\$' \$'*),, \$%*) 'cXYf'dYf'9!A U]`'Ub]bZc4 fUVYb\Ui g"XY'a Ò[`]W "'@UggYb'G]Y'g]W 'X]YgYg'j]gi Y``Y': Ygh b]W h'Ybh[Y\Yb*'

``GY]Yb`G]Y`HY]``Y]bYg`Ui »Yf[Yk Ò\b`]W\Yb`5VYbXg°

8 Y hU]`g

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