HfU[]W:]Yfm'7fUg\`]b'; YbYj U'7`U]a g'@]ZYž GYbXg'GYj YfU`'hc'<cgd]hU`

9| d`cfY'h\Y'fYWYbh'ZUhU`'WUf'WfUg\']b'GYa]bc`Y'7ci bhmž \][\`][\h]b['gUZYhm']bg][\hg'UbX'hfUZZ]WXUhU'Zcf']bZcfa YX Xf]j]b["

GhUhY 'F c UX' (* 'b Y Uf'K Y gh' C g W c `U' F c UX ž'; Y b Y j Už': @'! \Rightarrow h\Y'Y Uf'm'\ci fg c Z' \Rightarrow b Y', ž'&\$&) ž'hfU[Y X m'ghfi W_cb'GhUhY' F c UX' (* b Y Uf'K Y gh' C g W c `U' F c UX']b'; Y b Y j Už': `cf] X U" '5 'Wc'`]g]cb']bj c`j]b[U'8 c X [Y'd] W_i d'hfi W_ž' Ub'GI J ž'Ub X' U'j Ub'`Y X' hc' U'Z] Y fm'g W b Y h\Uh' k ci `X' U`hY f'`]j Y g' Z c f Y j Y f": `cf] X U g' f c U X g ž' c Z hY b' V i gh`]b['k]h\Vch\'`c WU`g' Ub X' hci f]g hg ž'k Y f Y' c b W 'U[U]b'h\Y' V U W_X f c d' Z c f' U g Y f] ci g' W f Ug\'h\Uh'\][\`][\hg' h\Y' c b [c]b['X Ub[Y f g' c Z' X f]j]b[']b h\Y' f Y [] c b"

G\cfh`m'UZhYf'-'U"a "ž'Ya Yf[YbWmgYfj]W\g'k YfY'X]gdUhW\YX'hc'h\Y W\Ucg'cZ'hk]ghYX'a YhU`'UbX'Z'Ua Yg"'GUX`mž'U'*, !mYUf!c`X'a Ub hfUj Y`]b[']b'h\Y'Gl J'k Ug'dfcbci bWYX'XYUX'Uh'h\Y'gWYbYž'U'ghUf_fYa]bXYf'cZ'h\Y'dchYbh]U`'WcbgYei YbW\g'cZ'hfUZZ]WUW\]XYbhg" H\fYY'ch\Yf']bX]j]Xi U`g'k YfY']b'\fYX.'U'' *!mYUf!c`X'k ca Ub Xf]j]b['h\Y'8cX[Y'hfi W_'gi ZZYfYX'a]bcf']b'\f]Yg'UbX'cdhYX'ci h'cZ\cgd]hU`'hfUbgdcfhž'k\]`Y'U'*+!mYUf!c`X'k ca Ub'Zfca 'h\Y'Gl J'k Ug fi g\YX'hc'h\Y'\cgd]hU`'Ug'U'hfUi a U'U'Yfh g][b]Z]WUbh'Ybci [\'h\Uh g\Y'fYei]fYX']a a YX]UhY'a YX]WU`'UhhYbh]cb"'Hk c'a cfY dUggYb[Yfgž']bj c`j YX']b'h\Y'WfUg\ž'U`gc'gci [\h'\cgd]hU`'WJfY"

$H\ Y \ 5 ZhY fa \ Uh\ c Z h\ Y \ 7 c \]g]c b$

 $\pm 0.005 \text{ YYf]Y hk }] ghz h Y 8 c X [Y d] \underline{W}_i d WUi [h Z] f Y Ug U f Y gi h c Z h Y] a d U Whz f U] g b [U U f a U V c i h h Y f] g_g c Z j Y \] W Y Z] f Y g Z c c k] b [g Y j Y f Y W f Ug Y g H Y : `c f] X U <] [\ k U m D U h f c `] g] b j Y g h] [U h] b ['h Y Y C f] X U <] [\ k U m D U h f c `] g] b j Y g h] [U h] b ['h Y Y C f] X U <] [\ k U m D U h f c `] g] b j Y g h] [U h] b ['h Y C f] X U <] [\ k U m D U h f c `] g] b j Y g h] [U h] b ['h Y C f] X U <] [\ k U m D U h f c `] g] b j Y g h] [U h] b ['h Y C f] X U <] [\ k U m D U h f c `] g] b j Y g h] [U h] b ['h Y C f] X U <] [\ k U m D U h f c `] g] b j Y g h] [U h] b ['h Y C f] Y C f Y$

]bW]XYbh'Ug'h\Ym'WYUf'h\Y'fcUXk Umž'k\]W\'k Ug'WcgYX']b'Vch\X]fYWh]cbg'hc'ZUW]`]hUhY'Ya Yf[YbWm'fYgdcbgY'UbX'Wcbh]bi Y]bj Ygh][Uh]cb"'H\Y'BUh]cbU`:]fY'DfchYWh]cb'5ggcW]Uh]cb'fB:D5k\Ug'dc]bhYX'ci h'h\Y'df]a Ufm'hf][[Yfg'Zcf'j Y\]WY'Z]fYg \][\!gdYYX'Wc``]g]cbgž'Zi Y```YU_gž'UbX'Yb[]bY'a U`Zi bWh]cbg'UfY'U``Wcbhf]Vi hcfg"'FY[i `Uf'j Y\]WY'a U]bhYbUbW'UbX'dfca dh'UhhYbh]cbhc'k Ufb]b['g][bgž'gi W\'Ug'ghfUb[Y'ga Y``g'cf'k Ufb]b['`][\hgž'WUbVY'Wfi W]U``]b'Uj Yfh]b['X]gUghYfg'cb'h\Y'fcUX"

 $\label{thm:continuous} : `cf] XU g`fcUXk Umg`UfY`_bck b`Zcf`h\Y]f`X]j YfgY`hfUZZ] W`zYgdYW]U``m []j Yb`h\Y`]bZi I `cZ'hci f]ghg"`5`fYdcfh`Zfca `: `cf] XU`<][\k Um`GUZYhm UbX`A chcf`JY\]WYg`]bX] WUhYg`h\Uh`UWW]XYbhg``]_Y`h\]g`UfY`bch i bWca a cbž`df]a Uf]`m`Xi Y`hc`\][\`hfUZZ] Wj c`i a Yg`UbX`k YUh\Yf WcbX]h]cbg"`8f]j Yfg`UfY`Wcbg]ghYbh`m`fYa]bXYX`hc`a U]bhU]b`U`gUZY Zc``ck]b[`X]ghUbWYž'dUfh]W``Uf`m`]b`Wcb[YghYX`cf`fi fU``UfYUgž k \YfY`h\Y`f]g_`ZUWhcfg`YgWU`UhY"$

I bXYfghUbX]b['HfUZZ]WJ]c`Uh]cbg'UbX'GUZYhm A YUgi fYg

 $\begin{tabular}{ll} H Y W f U g Y g U b \aligned a dcfhU b h X \aligned g g \aligned b U V c i h h f U Z \aligned w f V \aligned g Y b W c f X \aligned b \aligned g Y b h Y f Y g f U b \aligned g Y b h Y f Y b g Y g f U b \aligned g Y b h Y f Y \aligned g Y b h Y f Y \aligned g Y b h Y f Y \aligned g Y b g Y g \aligned g Y g \aligned g Y \aligned g Y g \aligned g Y g Y d U f h a Y b h C Z \simpleq g \aligned g \aligned g Y \aligned g Y \aligned g \aligned g Y \aligned g Y \aligned g Y \aligned g Y \aligned g \aligned g Y \aligned$

A cfYcj Yfžii bXYfghUbX]b['h\Y'UbU`mh]WU`XUhU'Ufci bX'hfUZZ]W]bW]XYbhg`WUb'Ya dck Yf'Xf]j Yfg'hc'a U_Y'gUZYf'W\c]WYg'cb'h\Y fcUX"'H\Y': `cf]XU'8YdUfha Ybh'cZ'HfUbgdcfhUh]cb'cZZYfg'fYgci fWYg Zcf'UWWYgg]b['WfUg\ XUhU'h\Uh'dfcj]XY']bg][\hg']bhc'hfYbXg'UbX gUZYhm'a YUgi fYg"'H\Y]f'7fUg\ '8UhU'GmghYa g'UbX'A Udd]b[hcc`g']bWi XY'ghUhYk]XY'ghUh]gh]Wg'UbX'U'j Uf]Yhm'cZ'UbU`mh]WU`fYdcfhg'hc'\Y`d'`cWU`'Ui h\cf]h]Yg'a U_Y']bZcfa YX'XYW]g]cbg'UVci h fcUX'gUZYhm'UbX']a dfcj Ya Ybhg"

5g·h\Y·]bj Ygh][Uh]cb·i bZc`Xgž]h·fYa U]bg·Wfi W]U``Zcf·U```Xf]j Yfg·hc VY·j][]`Ubh·UbX·dfcUWh]j Y·UVci h·gUZYhm·cb·h\Y·fcUXg"·K \Yh\Yf h\fci [\'k U]h]b[']b·h\Y·k]b[g·Zcf·cZZ]W]U``fYdcfhg·cf·Yb[U[]b[']b dfYj Ybh]j Y·UWh]cbž·h\Y·ghU_Yg·UfY·i bXYb]UV`m·\][\']b·a U]bhU]b]b[U·gYW fY·Xf]j]b['Ybj]fcba Ybh·Zcf·Yj YfmcbY"

8 Y hU]`g	
Cfh	GhUhY'FcUX'(*'bYUf'K Ygh'CgWYc`U'FcUXž
	; YbYj Už': @
EiY``Yb	• `c WU`U WW]XYb hfYd c fhg"Wca
	• gYfj]WYg"Z`\ ga j "[cj
	• k k k "ZXch"[cj

6Ygi WXYb G]Y i bg Ui Z. a Y]b!k]Yb bYh