

?ibX[YVib['ZØf'J]Y`ZU`h.; YgibX\Y]hg\Y`ZYf'gYhnYb'NY]W\Yb'[Y[Yb < Ugg']b'K U`Xg\ih

FibX**\$A]hUfVY]hYfXYg; YgibX\Y]hgk YgYbg']b'K U`Xg\ih XYacbghf]YfYb'ZØf'Hc`YfUbnž'J]Y`ZU`h'ibX'[Y[Yb 8]g_f]a]b]Yfib["

? U]gYfghfU» Yž+-+*%K U`Xg\i h!H]Yb[Ybž8Yi hgW\`UbX'!Fi bX'*\$A]hUfVY]hYbXY'XYf'; Ygi bX\Y]hgj Yfgcf[i b[']a '?fY]g

K U`Xg\i h'XYa cbghf]YfhYb'Ua '%&"'C_hcVYf'ZØf'Hc`YfUbn'i bX

J]Y`ZU`h"'8]Y`JYfUbghU`hi b[ž'X]Y`j ca '?fUb_Yb\Ui g'ni a 'F Uh\Ui g

ZØ\fhYž'k i fXY'j cb'7\f]ghcd\'j cb'5gW\YfUXYbž'XYa 'Jcfg]hnYbXYb

XYg'Ÿfnh']W\Yb'?fY]gj YfY]bgž'YfOZZbYh"'9f'VYhcbhYž'XUgg

8]g_f]a]b]Yfi b['i bX'5i g[fYbni b['b]W\h'hc`Yf]Yfh'k YfXYb'gc``hYb

i bX'j Yfk]Yg'Ui Z'X]Y'6YXYi hi b['XYg'; fi bX[YgYhnYgž]

]bgVYgcbXYfY'Ui Z'XYb'YfghYb'5fh]_Y`.' 8]Y'K ØfXY'XYg'A YbgW\Yb

]gh'i bUbhUghVUf "'5gW\YfUXYb'\cV'\Yfj cfž'XUgg'Yhk U'&) 'DfcnYbh

XYf'6Yj Ò`_Yfi b['i bX'&+Z' 'DfcnYbh'XYf'ŸfnhY']b'8Yi hgW\`UbX

Y]bYb'A][fUh]cbg\]bhYf[fi bX'\UVYb"'C\bY'X]Y'fi bX'%-+

A][fUbhYb']a '?`]b]_i a '<cW\f\Y]b'k ØfXY'X]Y

; Ygi bX\Y]hgj Yfgcf[i b['Yf\YV']W\'Y]XYb"

@UbXfUh'A Ufh]b'?]gh'Yf'i bX'C VYfVØf[Yfa Y]ghYf'A Ufh]b'; fi bYf hfUhYb'YVYbZU``g'ZØf'Y]b'fYgdY_hj c``Yg'A]hY]bUbXYf'Y]b"'?]gh'Yf hY]`hY'dcg]h]j Y'9fZU\fi b[Yb'a]h'DZY[Y_fÀZhYb'Ui g'UbXYfYb@AbXYfb'i bX'VYnY]W\bYhY'X]YgY'U`g'6YfY]W\Yfi b["; fi bYf VYhcbhYž'XUgg'J]Y`ZU`h'U`g'GhAf_Y'[YgY\Yb'k YfXYb'gc``hY'i bX'X]YGhUXh'Y]b'JcfV]`X'ZØf'Hc`YfUbn'gY]b'k]`"'8Yf'Ui g'5Z[\Ub]ghUbghUa aYbXY'5fnh'GU]X'5n]n'<UaXUb]'Yf]bbYfhY'XUfUbž'k]Y'k]W\h][XYf'Ni gUa aYb\U`h']ghž'k À\fYbX'NUbYZ'5bi g\]ž'Y]bY'Ÿfnh]b'Ui g

 $\label{thm:continuous} $$i b X X]Y A Y b g W Y b mi Z D f X Y f b "8]Y g Y X f] b [`] W Y 6 c h g W U Z h f Ø W h X] Y 6 Y X Y i h b ['j c b G c] X U f] h A h D b X Y f Y g Y Y g W U Z h B g F U a d Y b Y W h U h b Z c f a U h] c b Y b 'j c b k k k "g i Y X i f] Y f " X Y "$

8 YhU]`g	
Cfh	?U]gYfghfU»Yž+-+*%KU`Xg\ih!H]Yb[Ybž
	8 Yi hgWX`UbX

6Ygi WXYb'G]Y'i bg'Ui Z'b!U["XY