



GW k Y]nž 8 Yi hgW `Ub X ! '5a '&%"' \$\ `] `&\$&\) 'k YfZYb'k]f Y]bYb 6`]W_'Ui Z'X]Y 'ZUgn]b]YfYbXYb'GhUh]gh]_Yb'XYf'I 9: 5 'K ca Yb g 9I F C ž'X]Y ']b'XYf'GW k Y]n'Ui g[YhfU[Yb'k]fX"'8]Y'J YfUbghU`hi b[\Uh'g]W\ 'U`g'YW\ hYg'Gdcfh! <][\`][\h'Yfk]YgYbž']bgVYgcbXYfY'XUg VYY]bXfi W_YbXY'5VgW\ bY]XYb'XYf'j]Yf' < U`VZ]bU`]ghYb. 8 Yi hgW\ `UbXž'GdUb]Ybž' \D\ "JYb'i bX'9b[`UbX"'K \A\fYbX'X]Y GdUbbi b['ghY][hž'nY][Yb'X]Y'NU\ `Ybž'k]Y'i bhYfgW\]YX`]W\ 'X]Y < YfUb[Y\Ybgk Y]gYb'XYf'HYUa g'g]bX"

 $GdUb]Yb`Z\emptyset \ fh`a \]h`VYY]bXfi \ \underline{W}YbXYb`\%^* `HcfYb`Ui g`j \]Yf`Gd]Y`Yb \\ X]Y`HcfgW \ \emptyset hnYb`]ghY`Ub"`8]Y`Hcf^A [Yf]b`9gh \ Yf'; cbnU`Yn` \ Uh`g]W \\ a \]h`]bg[YgUa h`j]Yf`HfYZZYfb` \ Yfj cf[YhUb`i bX`]gh`XUa]h`X]Y`VYghY \\ HcfgW \ \emptyset hn]b`XYg`Hi fb]Yfg"`8 cW `X]Y`GdUb]Yf`g]bX`b]W h`bi f$

 $\label{lem:hfyZZg} $$ \footnote{A} his $$ \f$

$8]YGhAf_YbXYf< UVZ]bU^]ghYb$

K Ugʻa UWXYbʻX]YʻUbXYfYbʻ< UʻVZ]bUʻ]ghYbʻghUf_3'8 Yi hgWXʻUbXʻ\Uh
]bʻXYfʻ; fi ddYbd\UgYʻVYk]YgYbžʻXUggʻg]Yʻb]WXhʻbi fʻ_Àa dZYb
_OʻbbYb"'HfchnʻGW,k]Yf][_Y]hYbžʻk]YʻY]bYfʻB]YXYfʻU[Yʻ[Y[Yb
GW,kYXYbʻi bXʻXYfʻ< YfUi gZcfXYfi b[ʻ]bʻl bhYfnU\ʻžʻ_cbbhYbʻg]Y
XUgʻJ]YfhYʻZ]bUʻYʻbUWXʻY]bYa ʻgdUbbYbXYbʻ9ʻZa YhYfgWX]Y»Yb
[Y[Ybʻ:fUb_fY]WXʻYffY]WXYb"'8 Yi hgWX`UbXʻZØ\fh'a]hʻ%\$,
[Yk cbbYbYbʻNkY]_Àa dZYbʻi bXʻ\Uh'V]g\Yfʻ%, , '6À``YʻYfcVYfhž
k Ugʻ]\fYʻ_Àa dZYf]gWXYʻ9]bghYʻ`i b['i bhYfghfY]WXh"'8]Yʻ
GdcfhgWX Ui ʻ\YVh'\Yfj cf. '8]YʻXYi hgWXYʻA UbbgWX UZh'nY]WXbYhY
g]WXʻXi fWXʻghUf_YgʻDfYgg]b['i bXʻY]bʻY]b[Ygd]YʻhYgʻGmghYaʻUi gž
\UhʻYXcWXʻGWXk]Yf][_Y]hYbʻa]hʻdfÀn]gYbʻ5VgWX`ØggYb"

9]bnY`ghUh]gh]_Yb']a '6`]W_

8]Y'9]bnY`ghUh]gh]_Yb'g]bX'YVYbZU``g'Ui ZgWX`i ggfY]WX'''Gc'\Uh 7`Ui X]U'D]bU'X]Y'a Y]ghYb'GWXØggY'Ui Z'XUg'Hcf'UV[Y[YVYb']bg[YgUa h'bYi b'A U``k Uf'g]Y'[YZÀ\f`]WX'''DUhf]W]U'; i]'Uffc'\Uh'a]h'\$('Ub[Y_ca a YbY'DÀggYb'X]Y'a Y]ghYb'5bgWX`ØggY'Yfn]Y`h'''6Y]a H\Ya U'Nk Y]_Aa dZY'VYY]bXfi W_h'G'cY_Y'BØg_Yb'Ui g 8Yi hgWX`UbXž'X]Y'&) '8i Y``Y'[Yk cbbYb'\Uh' 'Y]b'6Yk Y]g'ZØf'XYb i bYfa ØX`]WXYb'9]bgUhn'XYf'Gd]Y`Yf]bbYb'''8Ug': 6fYZ'ZØ\fh XYhU]``]YfhY'GhUh]gh]_Yb'ni 'X]YgYb'9]bnY``Y]ghi b[Ybž'k Ug'X]Y @Y]ghi b[gZÀ\][_Y]h'Y]bnY`bYf'Gd]Y`Yf]bbYb'' bNYfghfY]WXh''

#bg[YgUa h'nY][h'X]Y'K ca Yb g'9I FC'&\$&) 'Y]bXfi W_gj c``ž'k]Y
j]Y`ZÀ`h]['i bX'_cb_i ffYbnZÀ\]['XYf': fUi YbZi » VU``'[Yk cfXYb']gh"
8]Y'j]Yf' < U`VZ]bU`]ghYb'\UVYb'i bhYfgW\]YX`]W\Y'GhÀf_Yb'i bX
< YfUi gZcfXYfi b[Ybž'k Ug'XUg'Hi fb]Yf'VYgcbXYfg'gdUbbYbX
a UW\h"'8]Y'_ca a YbXYb'Gd]Y`Y'j YfgdfYW\Yb'dUW_YbXYb': i » VU``
i bX'k YfXYb'a]h'G]W\Yf\Y]h'Y]b' <][\`][\h'ZØf'X]Y': Ubg"</pre>

8 YhU]`g	
Cfh	GWAKY]nž8YihgWA`UbX
EiY``Yb	• k k k "gfZ"W\
	k k k "gdcfhgW\\Ui"XY
	• ZVfYZ"Wca

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