

G]YVYb[YV]f[ggWxi`Y`6cbb'[Yk]bbh 8Yi hgWxYb'GWxi`dfY]g'&\$&(

8]Y'G]YVYb[YV]f[ggWi `Y'6cbb'[Yk]bbh'XYb'8Yi hgW\YbGWi `dfY]g'&\$&('i bX'Yf\À`h'%\$\$"\$\$\$'9i fc'ZØf']\fY]bbcj Uh]j Y'@Y\fa Yh\cXYb"'9fZU\fYb'G]Y'a Y\f'ØVYf'X]YDfY]ghfÀ[Yf'i bX'X]Y'6YXYi hi b['j cb'6]`Xi b[g[YfYW\h][_Y]h]b'8Yi hgW\`UbX"'@YgYb'G]Y'X]Y'<]bhYf[fØbXY'i bX'?cbnYdhYYfZc`[fY]W\Yf'GW\i `Yb']b'i bqYfYa '5fh]_Y`"



9]b'[fUbX]cgYf'Hf]i a dZ'ZØf'X]Y'G]YVYb[YV]f[ggWi 'Y'6cbb''8]YgY VYa Yf_Ybgk YfhY': OfXYfgWi 'Y' Uh'XYb'dfYgh][YhfAWkh][Yb 8Yi hgWkYb'GWi 'dfY]g'&\$&(']b'<<math>O(Y')cb'%\$\$"\$\$\$'9i fc UV[YgU\bh"'8cWk'X]Y': Y]Yf']Wk_Y]hYb'YbXYb'b]Wkh'\]Yf"': ØbZ k Y]hYfY'GWi 'Yb'XØfZYb'g]Wk'ØVYf'Y]bY'DfUWkh'j cb'' \$"\$\$\$'9i fc ZfYi Yb''8Uni 'nA\'Yb'X]Y': f]YXYbUi Yf'; Ya Y]bgWkUZhggWki 'Y'i bX X]Y'K]'\Ya !j cb!<i a Vc'Xh!; Ya Y]bgWkUZhggWki 'Y'Ui g'6Yf']bž'XUg \$gYd\!8i A cbh!6Yfi Zg_c'`Y[']b'?O(x)b'gck]Y'XUg'Gh"!D]i g! ; ma bUg]i a ']b'7cYgZY'X'i bX'XUg'H\ca Ug!A cfi g!; ma bUg]i a ']b

8 Yf'[fc» Y'A ca Ybh3'6i bXYg_Ubn`Yf'C`UZ'GW.c`n'Y\fhY'X]Y
DfY]ghfÀ[Yf']a '`Y[YbXÀfYb'HYa dcXfca ']b'6Yf`]b"'9f'VYhcbhY'a]h
`Y]XYbgW.UZh`]W.Yb'K cfhYb.' 8]Y'GW.i `nY]h'dfÀ[h'i bg'Y]b'@YVYb
`Ub["'GW.c`n'`cVhY'X]Y'\YfUi gfU[YbXY'5fVY]h'XYf'GW.i `Yb'i bX
gdfUW.'ØVYf'X]Y'<YfUi gZcfXYfi b[Ybž'a]h'XYbYb'j]Y`Y
GW.Ø`Yf]bbYb'i bX'GW.Ø`Yf'_cbZfcbh]Yfh'g]bX"'; `Y]W.nY]h]['k]Yg'Yf
Ui Z'XUg'Ua V]h]cb]YfhY'GhUfhW.UbW\b!Dfc[fUa a '\]bž'XUg'X]Y
6]`Xi b[g`UbXgW.UZh'fYj c`i h]cb]YfYb'gc``"

=bbcj Uh]j Y @Yfb_cbnYdhY YfcVYfb X]Y GnYbY

 $8] Y G] Y V Y b [YV] f [ggW i Y 6 cbb `\ Uh X Ug 6] `Xi b [ggmgh Y a ``Ui Z X Y b ? cd Z [Ygh Y ``h ``A] h Y] b Y a ``f Y j c `i h] cb Å f Y b ``5 b g Uhn ž X Y f `X Y b _ `Ugg] g W Y b `I b h Y f f] W h 'b U \ Y n i ``UV [Yg W U Z h `\ Uh ž ``Y f b Y b `\] Y f `&*) ?] b X Y f `i b X `$ [Yb X `] W Y `] b `g Y `Vgh [Ygh U `h Y h Y b `@Y f b Uh Y `] Y f g `i b X ? f Y Uh] j k Y f _gh Å h h Y b " I b h Y f g h Ø h n i b ['Y f \ U `h Y b `g] Y `j cb `Y b [U[] Y f h Y b @Y \ f _f Å Z h Y b " 8 Un i `g U [h `D f c Z " 8 f " `H \ c f g h Y b `6 c \ `ž `X Y f `$ f m G d f Y W Y f X Y g `G W i `d f Y] g Y g . `<] Y f `Z] b X Y h Y] b Y F Ø W _ Y \ f `] b g `@Y f b Y b `gh Uh h ž i b X `H U `Y b h Y k Y f X Y b `b Y i Y b h Z U `h Y h " '9] b `] b b c j Uh] j Y g `? c b n Y d h ž `X U g g c [Uf `] b `? f] g Y b n Y] h Y b `k] Y `X Y f `7 c f c b U! D Ub X Y a] Y `[` À b n h Y "$

 $8] Y \cdot GWW \otimes Yf \cap C[[Yb \cdot g]WW \cdot Y][Yb \cdot ghAb X][\cdot Ua \cdot \cdot]DUX \cdot]bg \cdot X][]hU \cdot Y \otimes Yfb B Uj] \cdot Y]b \cap bX \cdot [Yb]Y \cdot Yb \cdot]b X]j] Xi Y \cdot Y \cdot \otimes Yfb d ZUXY \cdot \cdot k Y[\cdot j \cdot cb ghUffYb \cdot GWW Ya Yb z \cdot V]b \cdot ni \cdot ZYI] V \cdot Yf \cdot 6] \cdot Xi \cdot b[\cdot \cdot \cdot \cdot 8] Yg \cdot nY][hz \cdot k Ug a \omega[\chi][Y]WW \omega B Yg \omega K Ybb \omega K]f \omega b Yffb \omega R]b XYfb \omega K]f_\chi]WW \omega Yhk Ug \omega hfUi Yb z Yf_\chiAfh \omega C \chi \chi VY[Y]ghYfh'' \omega R YgY \omega U \s bU\a Y \omega Phr b]WW hb i f \omega Y]b \omega PfZc \omega [Z\omega F X]Y \omega WW \omega Yfz \omega C b XYfb \omega Ui WW \omega Y]b \omega G [b U \chi Ub \omega V \omega B Y]b f]WW hi b [Yb \omega A \omega W \omega V]b \omega W \omega Y \omega B Y \omega W \omega Y \omega B Y \omega W \omega Y \om$

5``Yg`ØVYfXYb`8Yi hgWXYb`GWXi`dfY]g`&\$&)

9]b·5i Zfi ZʻUi gʻXYa ʻGWki `gmghYa . '5``YʻU``[Ya Y]bV]`XYbXYbʻi bX VYfi Zʻ]WkYbʻGWki `Ybʻgck]Yʻ8 Yi hgWkYbʻ5i g`UbXggWki `Ybʻ_ObbYb g]WkʻV]gʻni a ʻʻ %"ʻ>Ubi Ufʻ&\$&) ʻZØfʻXYbʻ8 Yi hgWkYbʻGWki `dfY]gʻ&\$&) VYk YfVYb"'9]bYʻ[c`XYbYʻ7\Ub\Wʻžʻ5bYf_Ybbi b['ZØfʻ[fc» Ufh][Y GWki `_cbnYdhY'ni 'Yf`Ub[Ybʻi bX'UbʻXYa '?fY]g`Ui Zʻ[i hYf GWXi `dfUl]q'hY]`ni \UVYb°

8]Y'K YhhVYk YfVgVYX]b[ib[Yb'g]bX'_`Uf.'À\f`]W\'VYk YfVYb'g]W\
ØVYf'&") \$\$'GW\i `Yb'ZØf'X]Y'Hcd!5i gnY]W\bib[\tixX]Y'ZØf']\fY\
]bbcj Uh]j Y'I bhYff]W\hgei U`]h\h'VY_Ubbh']gh"'9g'k]fX'Ub'gYW\g
Ei U`]h\hgvYfY]W\Yb'[Ya YggYb' 'XUfi bhYf'@Y]ghi b[\tila [Ub['a]h
J]Y`ZU`h'i bX'GW\i`_`]a U"'5```X]YgY'A Yf_a U`Y'g]bX'ni 'Y]bYa
NY]W\Yb'[ihYf'6]`Xi b['[Yk cfXYb"

GWX`]Y»`]WX`k]fX`X]Y`DfY]gj Yf`Y]\ib[`Ui WX``]j Y`]a '±bhYfbYh
ØVYfhfU[Ybži bX`b]WXh'bi f`X]Y`; Yk]bbYf'_ÒbbYb`g]WX`ØVYf'@cV
i bX`5bYf_Ybbi b[`ZfYi Yb"`5i WX`X]Y`Ni gWXUi Yf`Yfk UfhYb
gdUbbYbXY`9]bV`]W_Y`]b`X]Y`VYghYb`?cbnYdhY`XYf`XYi hgWXYb
GWXi``UbXgWXUZh°

< U`hYh'Yi W. 'VYfY]h'ZØf'X]Y'bÀWX ghYb'GWXf]hhY'XYf'DfY]ghfÀ[Yf'i bX
ZØf'bYi Y'HU`YbhYž'X]Y'XUg'6]`Xi b[ggmghYa''[YghU`hYb'''XYbb'k Yf
k Y]» ž'k Y`WXY'[`ÀbnYbXYb'GY]hYb']b'XYb'bÀWXghYb'3U\fYb
Ui Z[YXYW h'k YfXYb''</pre>

.

8 Y hU]`c

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