

5 VgWX]YX 'j cb 'l fgi `U'@Yi bYf. '9]b '@YVYb j c``Yf'@]YVY'i bX '8 Ub_VUf_Y]h

I fgi `U'@Yi bYfž'[YV"'9VY`]b[ž'j YfghUfV'Ua '&"'5i [i gh'&\$&("8]Y'gh]``Y'HfUi YfZY]Yf'ZUbX']b'7`Ui gh\U`!NY``YfZY`X'ghUhh"

8Yf'5VgWX]YX'jcb'lfgi`U'@YibYf.'9]b'@YVYb]b'8Ub_VUf_Y]h

5a ~%"5i [i gh~&\$&(~j YfghUfV~l fgi `U~@Yi bYf~]a ~5`hYf~j cb~, *

\$\\\fYb~]b~7`\Ui gh\\U`!NY``YfZY`X"~8]YgY~hfUi f][Y~BUW\\f]\W\h

j YfVfY]hYhY~g]\W~g\W\bY```]b~XYf~_`Y]bYb~; Ya Y]bXYž~X]Y~g]Y~ØVYf

j]Y`Y~\$\\\\fY~\]bk~Y[~h]YZ~[YdfA[h~\Uh"~@Yi bYfž~[YVcfYbY~9VY~]b[ž
\]bhYf~Aggh~b]\W\h~bi f~]\\\\fY~: Ua]`]Yž~gcbXYfb~Ui W\\nU\~\fY]\W\Y

: fYi bXY~i bX~K~Y[[YZA\\fhYbž~X]Y~]b~]\\\\\\\\fY~HfUi Yf~i a ~X]Y

j YfghcfVYbY~8 Ua Y~j~YfY]bh~g]bX"

9]b J Yfa $\lambda W hb$]g X Y g A]h[Y ZØ\ `g

9]b 'gh]``Yf '5 V g W] Y X

 $8 \] Y \ 'HfUi \ YfZY \] Yf \ 'ZUb X \ '] b \ 'U \ `Yf \ Gh] \ `Y \ 'ghUhhž'k \ Ug \ 'XYb \ 'K \ i \ bgWX \ 'XYf \ 'Yf \ Gh] \ 'Y \ 'Yf \ 'Y$

: Ua]`]Y`k]YXYfgd]Y[Y`hž'X]YgYb`VYgcbXYfYb`A ca Ybhi]a '_`Y]bYb
FU\a Yb`ni 'VY[Y\Yb"'\D`NY]hYbž']b`XYbYb`OZZYbh`]W\Y`HfUi Yf`cZh
j cb`[fc»Yb`NYfYa cb]Yb`[YdfÀ[h`]ghž'YbhgW\]YX`g]W\`X]Y`: Ua]`]Y
ZØfY]bYb`VYgcbbYbYb`i bX`fYgdY_hj c``Yb`5VgW\]YX"'\D`@]YVY`i bX
8Ub_VUf_Y]h`bY\a Yb`k]f`5VgW\]YX`j cb`i bgYfYf`; fc»a i hhYf ž
\Y]»h`Yg`]b`XYf`HcXYgUbnY][Yž'X]Y`j]Y`Y`]b`XYf`; Ya Y]bXY`VYfØ\fhY
i bX`X]Y`JYfVi bXYb\Y]h`XYf`: Ua]`]Y`XYi h`]W\`a UW\hY"

9]b i bVYnU\`VUfYg 9fVY

I fgi `U'@Yi bYf'k]fX'b]W\h'bi f'ZØf']\fY'B\A\Y'ni f': Ua]`]Y\z'gcbXYfb
Ui W\'ZØf']\f'9b[U[Ya Ybh']b'XYf'; Ya Y]bgW\UZh']b'9f]bbYfi b[
V`Y]VYb"'G]Y'k Uf'ghYhg'VYfY]h\z'UbXYfYb'ni '\Y'ZYb'i bX']\fY
9fZU\fi b[Yb'ni 'hY]`Yb"'8]YgYg'gcn]U`Y'JYf\U`hYb'i bX'X]Y
:\A\][_Y]h\z']b'gW\k]Yf][Yb'NY]hYb'A i h'ni 'a UW\Yb\z'nY]W\bYb']\f
JYfa \AW\hb]g'Ui g"'Gc`W\Y'7\UfU_hYfn\Ø[Y'g]bX']b'XYf'\Yi h][Yb
;\YgY``gW\UZh'j cb'i bgW\Ahn\VUfYa 'K Yfh\z'k Yg\U`V']\f'JYf`i gh'j]Y`Y
A YbgW\Yb'h]YZ'VYf\Ø\fh'\Uh"

9]b `YhnhYf'; fi »

 $8]Y `6YghUhhi b[`ZUbX`]b `XYf `Yb[YfYb : Ua]`]Y `ghUhhž `cf[Ub]g]Yfh j cb 6YghUhhi b[Yb '< Y``]b[`]b '7`Ui gh\ U`!NY``YfZY`X" <math>=$ b 'Y]bYf `NY]hž]b `XYf XUg `@YVYb `cZh`\Y_h]gW\ i bX i bVYghÀbX][`]ghž `Yf]bbYfb `X]Y $5b[Y\setminus Of][Yb 'j cb 'l fgi `U `@Yi bYf `XUfUbž]bbYni \U`hYb 'i bX `X]Y \\ A ca YbhY `XYg `@YVYbg 'ni `gW\ AhnYb" <math>=$ f `@YVYbgk Y['i bX ']\f `K]f_Ybk YfXYb ']a a Yf 'Y]bYb 'D`Uhn']b `XYb' < YfnYb `XYf `A YbgW\ Yb `\UVYbž X]Y `g]Y `_UbbhYb"

I fgi `U'@Yi bYf'k]fX'ZØf']a a Yf'U`g'Gma Vc``ZØf'@]YVYž'Ni j Yfg]W\h i bX'; Ya Y]bgW\UZh']b'9f]bbYfi b['V`Y]VYb"'⇒\f'9]bZi gg'k]fX'Ui W\
]b'Ni _i bZh'gdØfVUf'gY]bž'XU'X]Y'K YfhYž'X]Y'g]Y'j YfhfYhYb'\Uhž']b
XYf': Ua]`]Y'i bX'XYf'; Ya Y]bXY'ZcfhVYghY\Yb"

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