

9f`YVYb'G]Y']a ' \Rightarrow `]'&\$&) 'Ui ZfY[YbXY'?cbnYfhY']b'8fYgXYb a]h'? Øbgh`Yfb'k]Y'DUhh]'Ga]h\'i bX'6`U_'GYU'8U\i "'GY\Yb G]Y'| Yfg\\\]YXYbY'A i g]_gh]`Y'`]| Y°



8 c W 'X Ug']gh'`Àb[gh'b]W h'U``Ygž'k Ug'X]Y'GhUXh']b'X]YgYa '\$\`]'ni V]YhYb'\Uh'''6YfY]hg'Ua ': fY]hU[ž'XYb'("'\$\`]ž'fc W_h'X]Y'@Y]dn][Yf 6UbX'8]Y'Ei]hhib[ia'&''I\f'VY]a'Iagcbgh'/'8fUiggYb': Ygh]j U` X]Y'6Ø\bY'''8]YgYg': Ygh]j U``]gh'VY]'9]b\Y]a]gW Yb'ibX'Hcif]ghYb [`Y]W YfaU Yb'\cW ']a'?ifg'ibX'j Yfgdf]W h'Y]b

5i Zhf]hh'j cb'6`UW_'GYU'8U\i

5a : fY]hU[ž'XYb'%, "'*\ `]ž'fc``h'XUbb'XYf'\DX]Y!: c`_!Gci bX'j cb'
6`UW_'GYU'8U\i ž'Y]bYf'hU`Ybh]YfhYb'6UbX'Ui g'NØf]W\ž']b'X]Y
GhUXh"'8]Y'; fi ddYž'[Y[fØbXYh'j cb'XYf'G]b[Yf!Gcb[k f]hYf]b'\Jb]bY
7Uh\fY]bž'VYghY\h'Ui g'g]YVYb'A]h[`]YXYfbž'XUfi bhYf']\fY
; YgW\k]ghYf'J YfU'i bX'G]a cbž'gck]Y'k Y]hYfY'A i g]_Yf'k]Y'G]`j Ub
GW\a]X'i bX'DUgWU`'9i [ghYf"'A]h']\fYa 'Y]bn][Ufh][Yb'Gh]`'nk]gW\Yb
i fVUbYa ': c`_'i bX'\DX'\Dx'\A\]Y!Dcd'k]fX'6`UW_'GYU'8U\i 'g]W\Yf`]W\'ZØf
Gh]a a i b['gcf[Yb"'\A\fY f'8YVØhU`Vi a ' K \]hY'7fYUhi fYg '\Uh'VYfY]hg
?f]h]_Yf'VY[Y]ghYfhZ'i bX'X]Y'6UbX'k i fXY'ZØf'XYb'Gk]gg'A i g]W
5k UfX'\&\fY-'bca]b]Yfh"

 $8]Y `6 Ub X ` \ Uh'] \ fYb `B Ua Yb `b UWX `Y]b Ya `a mh\c`c[]gWX Yb `K YgYb [Yk À\`hž'X Ug']b `XYb `ZfUb n Og]gWX gd f UWX][Yb `F Y[]cb Yb `9i fcd Ug VY_Ub bh']gh'i b X `\ Uh'g]WX `a]h'] \ fYb `5`VYb `Y]b Yb `]b hY f b Uh]cb U`Yb Fi Z'Yf Uf VY]hYh'' <math>\Rightarrow$ f ``YhnhYg'K Yf_ž'X Ug'nk Y]hY `5`Vi a = 5a `A m A ch\Yf ž'_Ua `&\$&&`\Yf Ui g'i b X'Yf\]Y`h'YVYb ZU``g'k c\`k c``Yb XY?f]h]_Yb "'9g'V`Y]Vh'UVni k Uf hYb ž'c V'G]a cb `7 Uh\fY]b ž'XYf'b]WX h a Y\f``]j Y'Ui Zhf]hhž'X]Y'6 Ub X'XYb b c WX'VY]'XYb `5i Zb U\a Yb i b hYfghØhnh"

9]b Vi bhYf ¬¬ `] ']b '8 fYgXYb

8 i fW. 'X]YgYb 'Vi bhYb 'A]l 'Ui g'j YfgW.]YXYbYb 'A i g]_gh]`Yb ' 'j cb
Di b_'ØVYf' \(\Delta \X \) Y!: c`_'V]g'\]b 'ni 'U`hYfbUh]j Ya 'F c \(\Delta \X \) ' 'nY][h'g]W. \(\Z\)
XUgg'X]Y '8 fYgXbYf'? cbnYfh`UbXgW. UZh'\(\A i \) Yfgh'`YVYbX][']gh'i bX'\(\Z\)
YXYb '; YgW.\(a \UW_\)Yhk Ug'XUVY]\\ Uh'': Ubg'j cb'i bhYfgW.\(\Q \X \)YX`]WXYb

$A i g]_{ZYgh]j U^g]b^8Yi hgWX^UbX$

 $\begin{tabular}{ll} $\not X \in W. \cite{Conditions} & f (x) = f(x) = f(x)$

8 Y hU]`g	
Cfh	8 fYgXYbž'8 Yi hgWX`UbX
EiY``Yb	• k k k "a Xf"XY
	Yb"a "k]_]dYX]U"cf[
	• k k k "XYi hgW\`UbX"XY

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