

Ghi fa WX Ucgʻ]bʻDUb_ck.'6Øf[Yf Ui Z[YZcfXYfhž'[YZÀ\f`]WXY'; fØbUb`U[Yb ni 'a Y]XYb°



DUb_ck ž'6Yf`]bž'8Yi hgW `UbX'!'5a '&+"'\implies b]'&\\$\) 'g]bX'X]Y

5i gk]f_i b[Yb'XYf'I bk YhhYfYfY][b]ggY'XYf'j Yf[Ub[YbYb'HU[Y']b
6Yf`]b'k Y]hYf\]b'gdØfVUf"'6YgcbXYfg'XYf'6Yn]f_'DUb_ck '`Y]XYh
i bhYf'Yf\YV`]WXYb'Ghi fa gWXÀXYbž'X]Y'Xi fWX'Y]bYb'\YZh][Yb
Ghi fa 'Ua '&' "'\implies b]'j Yfi fgUWXh'k i fXYb"'8]YgYf'Ghi fa '\]bhYf`]Y\>
nU\`fY]WXY'VYgWXÀX][hY'6Ui a _fcbYbž'i a [YghØfnhY'6Ài a Y'i bX
`cgY'ŸghYž'X]Y']b'XYb'6Ui a _fcbYb'\Àb[Yb'V']YVYb"'5a '&*"'\implies b]
_Ua 'Yg'ni 'Y]bYa ': c`[Y!Ghi fa ž'XYf'X]Y'c\bY\]b'Ub[YgdUbbhY
G]hi Uh]cb'k Y]hYf'j YfgWXÀfZhY'i bX'ni gÀhn`]WXY'GWXÀXYb
j Yfi fgUWXhY"'8]Y'6Øf[Yf'g]bX'bUWXXfØW_`]WX'Ui Z[YZcfXYfhž
j cfg]WXh]['ni 'gY]b'i bX'[YZÀ\fXYhY'6YfY]WX'ni 'a Y]XYbž'XU'XUg

Ghfu» Yb! i bX; fØbZÀWXYbUa h'DUb_ck j cf'XYa '6YhfYhYb'XYf; fØbUb`U[Yb'k Ufbhži a 'dchYbn]Y``Y'@YVYbg[YZU\fYb'nijYfa Y]XYb"'

Ni gàhn`]W\ni `XYb`GW\àXYb`]b`DUb_ck `g]bX`Ui W\`UbXYfY`6Yn]f_Y k]Y`GhY[`]hn!NY\`YbXcfZ'VYhfcZZYbž'k c`YVYbZU``g`Yf\YV`]W\Y; YZU\fYb`Xi fW\`UV[YVfcW\YbY`ŸghY`i bX`i a ghi fn[YZÀ\fXYhY 6Ài a Y`[Ya Y`XYh`k i fXYb"`8 Ug`6Yf`]bYf`?i f]Yf`VYf]W\hYhž`XUgg X]Y`6Y\ÒfXYb`nk Y]`HU[Y`bUW\`XYb`GhØfa Yb`k Y]hYf\]b`a]h`XYf 6YgY]h][i b[`XYf`GW\àXYb`VYgW\àZh][h`g]bX": Yi Yfk Y\f`i bX: UW\Z]fa Yb`g]bX`]a `9]bgUhnž`i a `X]Y`; YZU\fYb`ni `VYgY]h][Ybž`XcW\Yg`k]fX`Yfk UfhYhž`XUgg`X]YgY`5fVY]hYb`a Y\fYfY`HU[Y`]b`5bgdfi W\bY\a Yb`k YfXYb"

K Ufbi b[YbibXG]WXYf\Y]hga U»bU\a Yb

8]Y'6Yn]f_gghUXhfÀh]b'A Ubi Y`U'5bXYfg!; fUb]hn_]'VYhcbh'X]Y G]W\Yf\Y]h'XYf'6Yj O`_Yfi b['U`g'cVYfghY'Df]cf]hÀh'i bX']bZcfa]Yfhž XUgg'i bj YfnØ[`]W\'A U» bU\a Yb'ni f'G]W\Yfi b['[YZÀ\f`]W\Yf'ŸghY i bX'VYgW\ÀX][hYf'6Ài a Y'Y]b[Y`Y]hYh'k i fXYb"'9g'k]fX'XUfUi Z\]b[Yk]YgYbž'XUgg'X]Y'j cf\UbXYbYb'FYggci fW\b'b]W\hUi gfY]W\Ybž'i a 'U``Y'; YZU\fYbghY``Yb'_i fnZf]gh]['ni 'VY\YVYb"'8]Y @U[Y'V`Y]Vh'XU\Yf'Ub[YgdUbbh'i bX'X]Y'6Y\OfXYb'V]hhYb'i a JYfghÀbXb]g'i bX'5i Za Yf_gUa _Y]hž'k À\fYbX'X]Y

F]g]_c]bZcfa Uh]cbYb i bX DfÀj Ybh]cb

I a `XYf`6Yj Ò`_Yfi b[`VY]`XYf`J cfVYfY]hi b[`Ui Z`XYfUfh][Y B Uhi fYfY][b]ggY`ni `\Y`ZYbž`\Uh`XYf`8Yi hgWXY`K YhhYfX]Ybgh`fB K 8Ł XUg'B Uhi f[YZU\fYbdcfhU``Y]b[Yf]WXhYh"`8]YgYg`DcfhU``VØbXY`h

U_hi Y``Y`K Ufbi b[YbžF]g]_c]bZcfa Uh]cbYb`i bX
DfÀj Ybh]cbga U» bU\a Ybži a 'Y]bY`nYbhfU`Y`5b`Ui ZghY``Y`ZØf`X]Y
6Øf[Yf`ni 'gW\UZZYb"'9g`ghY``h'9W\hnY]hXUhYb`ØVYf`k YhhYfVYX]b[hY
9I hfYa Y`ni f'JYfZØ[i b['i bX`V]YhYh']bhYfU_h]j Y`?UfhYb`ni f
]bX]j]Xi Y``Yb`F]g]_cVYk Yfhi b["'

8 Ug * Zcfa Uh]cbgUb[YVchfY]Wkhjcb _i fnZf]gh][Yb 5_i ha U» bU\a Yb V]g \]b ni ``Ub[Zf]gh][Yb J cfVYfY]hi b[Yb Ui Z ni _ØbZh][Y B Uhi fYfY][b]ggY "8 Ug DcfhU`Yfa Ò[`]WkhYg XYb Bi hnYfbžgdYn]Z]gWkY CfhY Ui gni k À\`Yb i bX]bZcfa]Yfh ØVYf dchYbh]Y ``Y ; YZÀ\fXi b[Ybži a '< Ui g\U`hY i bX ; Ya Y]bXYb Ui Z VYj cfghY\YbXY '9fY][b]ggY j cfni VYfY]hYb "Ni XYa '_ÒbbYb VYhfcZZYbY '6Øf[YfbUWk 'Y]bYa '9fY][b]g Ui Z * Zcfa Uh]cbYb ni f GWkUXYbgVYk À`h][i b[i bX DfÀj Ybh]cb ni [fY]ZYb"

8 YhU]`g	
Cfh	DUb_ckž6Yf`]bž8Yi hgW\`UbX
EiY``Yb	• k k k "VYf`]b"XY
	k k k "VYf`]bYf!_i f]Yf"XY
	• k k k "Xk X"XY

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