

Ghfca Ui gZU``'VY]'XYf'Dc`]nY]'K]Yb. Bchghfca gmghYa 'j YfgU[h°

5a '&"'> `]'&\$&) ``Y[hY'Y]b'Ghfca Ui gZU```X]Y'K]YbYf Dc`]nY]nYbhfU`Y'Ua 'GW\chhYbf]b[``U\a "'I fgUW\Ybž 5i gk]f_i b[Yb'i bX'BchZU``d`ÀbY']a ': c_i g"



 $GWX chhYbf]b[\check{z}`\%\$\%\$`K]Yb\check{z}^2 ghYffY]WX`!`5a``A]hhk cWXUVYbX\check{z} XYb``\&''`$\dot{z}`]b$$XYb``&''`$\dot{z}`]b$$XYgha``i bYfk UfhYhYb`Ghfca Ui gZU```]b$$XYf`NYbhfU`Y`XYf`@UbXYgdc`]nY]X]fY_h]cb``f@D8\LiK]Yb``Ua$$GWXchhYbf]b["`8Yf`5i gZU```YfY][bYhY`g]WX`nk]gWXYb``&\$"()``i bX &\s\"\$'`I\f`i bX`VYY]bhfÀWXh][hY`(\$\$`V]g`)\$\$'<Ui g\U`hY`]b`XYfIa[YVi b["`K]Y`\AY]b\GYn]f_``VYf]WXhYhž'j YfgU[hY`XUgBchghfca U[[fY[Uh`XYf`Dc`]nY]ž`k Ug`]b`Y]bYf`_f]h]gWXYb``@U[YVYgcf[b]gYffY[YbX`k Uf"$

8 Y b b c W. '_c b b h Y 'X]Y 'D c `]n Y] 'a]h 'Y]b Ya 'B c h Z U ``_c b n Y d h 'g W. b Y ``
f Y U []Y f Y b " '8]Y 'D c `]n Y]g d f Y W. Y f]b ' \(\delta\) \(\d

[Yk À\f`Y]ghYhY`X]Y`G]W\Yf\Y]h`XYf`6Yj Ò`_Yfi b[`k À\fYbX`XYf 5i gbU\a Yg]hi Uh]cb"`8]Y`K]YbYf`BYhnY`\UVYb`VYfY]hg`XYb JYfXUW\h`[YÀi » Yfhž`XUgg`Y]b`XYZY_hYg`Ghfca _UVY``Y]bYb 9fXgW\`i gg `j Yfi fgUW\h`\Uh"`< Ài Z][`YbhghY\Yb`gc`\W\Y`GW\ÀXYb Xi fW\`6Ui ghY``Ybž`X]Y`]a `Gca a Yf`nU\`fY]W\Y`ghY\Ybž`i bX`Yhk U , \$`V]g`,) `DfcnYbh`XYf`9bYf[]YghÒfi b[Yb`g]bX`Ui Z`ZfYa XY 9]b $Z\varnothingqqY$ `ni f \varnothing W_ni $Z\varnothing$ \fYb"

I fgUW Yb i b X 5 i gk]f_i b [Yb j cb Ghfca Ui gZÀ ``Yb

K Ugʻa UWXhʻGhfca Ui gZÀ``YʻgcʻdfcV`Ya Uh]gWX 3·G]YʻghÒfYbʻb]WXhʻbi f XYbʻ5``hU[ʻXYfʻ6Øf[YfžʻgcbXYfbʻ_ÒbbYbʻUi WX`k]fhgWX UZh`]WXYGWX AXYbʻi bXʻg]WXYf\Y]hgfY`Yj UbhYʻF]g]_Ybʻa]hʻg]WXʻVf]b[Ybʻ'K]YX]Yʻ6i bXYgnYbhfU`YʻZØfʻdc`]h]gWXYʻ6]`Xi b[ʻYf`Ài hYfhžʻg]bXBUhi f_UhUghfcd\YbžʻhYWXb]gWXYʻ: Y\`Yfžʻa YbgWX`]WXYgʻJYfgU[Ybi bXʻgc[Ufʻ7mVYfUb[f]ZZYʻdchYbn]Y``Yʻ5i gʻÒgYfʻZØfʻgc`WXYʻJcfZÀ``Yʻ9I hfYa YʻK YhhYfYfY][b]ggYʻi bXʻ\\$ZfUghfi _hi fUi gZÀ``Yʻ[Y\ÒfYbYVYbZU``gʻni XYbʻ\Ài Z][ghYbʻ; fØbXYbʻZØfʻ[fc»ZÀWX][YGhfca Ui gZÀ``Yʻ

=a '?cbhYl h'XYg'U_hi Y``Yb'JcfZU``g']gh'Yg'k]W\h]['ni 'VYUW\hYbž XUgg'X]Y'?ca d`Yl]hÀh'XYf'Ghfca j Yfgcf[i b[']b'XYb'`YhmhYb'≯J\fYb ni [Ybca a Yb'\Uh"'Ni _ØbZh][Y'<YfUi gZcfXYfi b[Ybž'k]Y'X]Y ghY][YbXY'BUW\ZfU[Y'Xi fW\'8Y_UfVcb]g]Yfi b['i bX'X]Y 5V\Àb[][_Y]h'j cb'YfbYi YfVUfYb'9bYf[]Ybž'k YfXYb'nk]b[YbX'Y]bY `Ub[Zf]gh][Y'D`Ubi b['i bX'Ni gUa a YbUfVY]h'nk]gW\Yb' ±bXi ghf]Y i bX'FY[i`]Yfi b[gVY\ÒfXYb'YfZcfXYfb"

K]YbYf'BYhnY'i bX'XYfYb'JYfUbhk cfhi b[

8]Y'K]YbYf'BYhnY'hfU[Yb'X]Y'JYfUbhk cfhi b['ZØf'Y]bY
ni jYf`Àgg][Y'i bX'_cbh]bi]Yf`]W\Y'Ghfca jYfgcf[i b["'CVk c\`
a cXYfbY'Ghfca bYhnY']a '5``[Ya Y]bYb'U`g'ni jYf`Àgg]['[Y`hYbž
_`ObbYb'g]Y'XYbbcW\'Xi fW\'jYfgW\]YXYbY'GhOfZU_hcfYb
VYY]bhfÀW\h][h'kYfXYb"'9]b'Ghfca Ui gZU``ž'k]Y'XYf'j ca '&"'\$\`]ž
ZØ\fh'b]W\h'bi f'ni 'k]fhqW\UZh`]W\Yb'JYf`i ghYbž'qcbXYfb'qW\ÀX][h

Ui W. XUgʻJ YfhfUi Ybʻ]bʻX]YʻJ Yfgcf[i b[gg]W. Yf\Y]h"'@Ui hʻXYb K]YbYfʻB YhnYbʻg]bXʻI bhYfgi W.i b[YbʻbUW. 'gc`W. YbʻJ cfZÀ``Yb i bYf`Àgg`]W. ži a ʻI fgUW. Ybʻni ʻYfa]hhY`bʻi bXʻ_ØbZh][ˈdfÀj Ybh]j ʻni \UbXY`b"

8]Y 'gW\ bY ``Y 'K]Y XY f\ Y fghY ``i b['XY f`Ghfca j Y fgcf[i b[' X]Y]b X]Y gYa ': U`` Y hk U 'Y]bY 'Ghi b XY 'XU i Y fhY ' nY][hž'k]Y 'k]W\ h][
B c hZU``d`ÀbY 'g]bX" 'Gca]h _Ubb 'Ui W\ ']b 'gc` W\ '\ Y fUi gZc fXY fb XY b
G]hi Uh]c bY b 'XY f '6 Y hf]Y V 'hfchn' i bY fk UfhY hY f I bhY fV fY W\ i b[Y b
Ui Z fY W\ hY f\ U`hY b 'k Y f XY b " 'Gc` W\ Y 'J c f Z A`` Y 'k Y f Z Y b 'Y X c W\ 'Ui W\
@]W\ h'Ui Z b c hk Y b X][Y '=bj Y gh]h]c bY b ']b 'i bgY fY '=b Z f Ughfi _hi f ž i a
ni _Øb Z h][Y '5 i q Z A`` Y 'i b X 'XY f Y b '5 i q k]f_i b[Y b 'ni 'a]b]a]Y f Y b"

8 Y hU]`g	
Cfh	GWX.chhYbf]b[ž ⁻ %\$%\$ K]Ybž ⁻² ghYffY]WX
EiY``Yb	• k k k "a Y]bVYn]f_"Uh
	• k k k "k]YbYfbYhnY"Uh
	• k k k "VdV"XY

6Ygi WXYb G]Y i bg Ui Z. a Y]b!k]Yb bYh