

1 %-!6Ug_YhVU``. '8 Yi hgWX`UbXg`GhUfg`]a @Y\f[Ub['ZØf'X]Y`K A ']b`K ØfnVi f[°

8]Y'l %-!<YffYb'j cb'8Yi hgW\`UbX'hfYZZYb'g]W\'j ca'&("'V]g &*"'\dagger b]'&\&\)']b'K \@fnVi f['ni f'K A!JcfVYfY]hi b['a]h'%(bca]b]YfhYb'Gd]Y`Yfb"



K ØfnVi f[ž'8 Yi hgWX`Ub X'!'8]Y J cfVYfY]hi b[Yb ZØf'X]Y : →65 l %-6Ug_YhVU``!K Y`ha Y]ghYfgWX UZh'&\$&) 'g]bX']b'j c``Ya '; Ub[Yž'i bX X]Y l %-!< YffYb'Ui g'8 Yi hgWX`Ub X'nY][Yb'g]WX 'VYfY]h'ZØf'X]Y < YfUi gZcfXYfi b["'8 Yf'`YhnhY'@Y\f[Ub['Z]bXYh'[YfUXY']b'K ØfnVi f[ghUhhž'j ca '&("'V]g'&* "'≯ b]ž'i a 'X]Y'Gd]Y`Yf'cdh]a U``Ui Z'XUg UbghY\YbXY'9j Ybh'j cfni VYfY]hYb"'K]Y'VUg_YhVU``!Vi bX"XY VYf]WX hYhž'[Y\Òfh'XUg'6YhfYi YfhYUa 'i a '7\YZhfU]bYf'5`Ub ⇒√fU\]a U[]Wni 'XYb'[i h'Ui Z[YghY``hYb'GhØhnYb'X]YgYf J cfVYfY]hi b["

8]Y @]ghY 'XYf'Y]b[Y`UXYbYb'Gd]Y`Yf'`Àggh'Ui Z\cfW\Yb'i bX'nY][hž XUgg'X]Y '5i gk U\`'k Y]hfY]W\YbX'i bX'hU`Ybh]Yfh']gh"'I bhYf'XYb'%(bca]b]YfhYb'5_hYi fYb'VYZ]bXYb'g]W\'Y]b][Yž'X]Y'VYfY]hg'9fZc`[Y

Ui Z'bUh]cbU`Yf'9VYbY'ZY]Yfb'_cbbhYb"'Gc'\UVYb'ZUgh'U``Y'Gd]Y`Yfž X]Y'VY]a '`YhnhYb'l %, '9i fc6Ug_Yh'&\$&('XYb'H]hY`'\c`hYbž'Y]bYb D`Uhn']a '?UXYf'Yf[UhhYfh"Ni 'XYb'BUa Yb'nÀ\`Yb'i bhYf'UbXYfYa A i gU'5VfU'j cb'XYb'75H@'6Ug_YhVU``'@Òk Yb'i bX'7\f]gh]Ub 5bXYfgcb'\$"'j cb'XYf'HYl Ug'HYW\'l b]j Yfq]hm"

$HU^Ybh]YfhY^Gd]Y^Yf^]a : c_i g$

8]Y 'A UbbgW\UZh']gh'Y]bY 'Vi bhY 'A]gW\i b['Ui g'Ui ZghfYVYbXYb HU`YbhYb'i bX'Y]b][Yb 'YfZU\fYbYb'Gd]Y`Yfb"'Ni 'XYb Yfk $A\bYbgk\ YfhYb'HU`YbhYb'[\ Y\OfYb'i bhYf'UbXYfYa '8YWUb'8i fi j cb'F YU`'A UXf]X'i bX'B]Wc`Ug'?cX'cY'j cb': 7'6UmYfb'A ØbW\Yb 6Ug_YhVU``"'5i W\'9f]WFY]VYž'XYf']a '_ca a YbXYb'<YfVgh'Ub'X]Y | b]j Yfg]hm'cZ'7cbbYWh]W' h'k YW\gY`hž'\Uh'gY]bYb'D`Uhn']a '?UXYf [YZ bXYb'i bX'_cbbhY'VYfY]hg'X]Y'6fcbnYa YXU]``Y'VY]'XYf': <math>\pm$ 5 | %, '9i fc6Ug_Yh'&\$&' '[Yk]bbYb"

K UgʻX]YʻJ cfVYfY]hi b[ʻVYhf]ZZhžʻgcʻZUbXʻXYfʻYfghYʻHfU]b]b[gWUa d 5bZUb[ˈ¾ b]ʻ]bʻ?]YbVUi a ʻghUhhžʻk cʻg]WkʻX]YʻGd]YʻYfʻgWkcbʻY]ba Uʻ Ui ZʻXUgʻHi fb]YfʻY]b[Ygh]a a hʻ\UVYb"ʻa ʻFU\a YbʻX]YgYgʻ7Ua dg [UVʻYgʻni XYa ʻY]bYʻUi ZfY[YbXYʻFY]gYʻbUWkʻ8]j WJVUfYžʻGYfV]Ybž ZØfʻnk Y]ʻ: fYi bXgWkUZhggd]YʻY''ʻ<]Yfʻ_cbbhYʻg]WkʻXUgʻHYUa ʻk Y]hYf ni gUa a YbZ]bXYbʻi bXʻUbʻXYfʻHYUa WkYa]YʻZY]ʻYbžʻVYj cfʻYgʻni f Y][Ybhʻ]WkYbʻK Yʻha Y]ghYfgWkUZhʻ[Y\h''¸ VYfʻXUgʻ9j Ybh'VYf]WkhYh Ui WkʻZ]VU"VUg_YhVU``"

K Y`ha Y]ghYfgWX UZh ghY\hij cf XYf HØf

8]Y: ≠51 %- '6Ug_YhVU``!K Y`ha Y]ghYfgWXUZh'&\$&) 'Z]bXYh'j ca '&, "

i b]'V]g'*" i `i `]']b'@Ui gUbbYž'GWXk Y]nž'ghUhh"'GYWXnY\b

BUh]cbU`a UbbgWXUZhYb'hfYhYb'Ubž'i a 'XYb'H]hY``ni '[Yk]bbYbž'i bX

8Yi hgWX`UbX'hf]ZZh']b'; fi ddY'6'Ui Z'ghÀf_ghY'; Y[bYf'k]Y'? UbUXUž

7\]bU'i bX'G`ck Yb]Yb"'Yi fcVUg_Yh"Wca '\YVh'\Yfj cfž'XUgg

X]YgYg'Hi fb]Yf'b]WXh'bi f'Y]b'K Yhh_Ua dZž'gcbXYfb'Ui WX'Y]b

Gdfi b[VfYhh'ZØf'nU\`fY]WXY'Ui ZghfYVYbXY'6Ug_YhVU``ghUfg

fYdfÀgYbh]Yfh"

 $8]YgY`K\ Y`ha\ Y]ghYfgWVUZh`Vf]b[\ h`[\ Yk\ U`h][\ Y`7\ Vb\ WYb`a\]h`g]WV`$

gWkcbiX]YiHY]`bU\a YighY``hiY]bYbiVYXYi hgUa YbiGWkf]hhiZØfiX]Yi b[YbiHU`YbhYiXUf"'8 UgiXYi hgWkYiHYUa ik]fXiU``YgiXUfUbigYhnYbžg]Wkij cbigY]bYfiVYghYbiGY]hYini inY][Ybii bXij]Y``Y]Wkhigc[UfiY]bYbD`Uhni[UbnicVYbiUi ZiXYa iHfYddWkYbini iYf[UhhYfb"'8]Yi: UbgXØfZYbi[YgdUbbhigY]bžik UgiX]YibÀWkghYbiHU[YiVf]b[Ybik YfXYbžibXiX]Yi8Ui a Ybiq]bXibUhØfi]WkiZYghi[YXfØW_h°

8 Y hU]`g	
Cfh	K ØfnVi f[ž8Yi hgWX`UbX
EiY``Yb	k k k "VUg_YhVU``!Vi bX"XY
	k k k "Z]VU"VUg_YhVU``
	• k k k "Yi fc V Ug_Y h" Wca

6Ygi WXYb G]Y i bg Ui Z. bU[!VUmYfb"XY