

BchX]YbghY`Ua`KcWXYbYbXY.`Gc`g]bX`G]Y]a`@UbX_fY]g`6Ufb]a`UV[Yg]WXYfh°

BchZÀ``Y`]a '@UbX_fY]g'6Ufb]a 'Ua '%' "\$+"&\$&). ≠bZcfa Uh]cbYb'ni 'BchUi ZbU\a Ybž'6YfY]hgW\UZhgÀfnhYb'i bX 5dch\Y_Yb!BchX]YbghYb"



Fi Xc`Z!6fY]hgWXY]X!GhfU»Y'%\$\$ž'%*&&) '9VYfgk U`XYž
8Yi hgWX`UbX'!' \(\bar{V} \) XYf'FY[]cb'6Ufb]a ']gh'Ua '%' "'\(\alpha \)]'&\$&)
VYgcbXYfY'5i Za Yf_gUa _Y]h'Ui Z'X]Y'a YX]n]b]gWXY'Bchj Yfgcf[i b[
[Y`Y[h''K]Y'bYk g"XY'VYf]WXhYhž'ghY\Yb'j YfgWX]YXYbY
BchUi ZbU\a Yb'gck]Y'6YfY]hgWXUZhgÀfnhY'ni f'JYfZØ[i b[ži a ']a
9fbghZU``'gWXbY``Y'<]`ZY'ni '`Y]ghYb"

K Ubb'g]bX'X]Y'BchUi ZbU\a Yb'ni 'YffY]W\Yb3'=a '@UbX_fY]g'6Ufb]a []Vh'Yg'a Y\fYfY'nYbhfU`Y'BchUi ZbU\a Ybž'X]Y'ZØf'U_i hY a YX]n]b]gW\Y'Bch`U[Yb'ni ghÀbX]['g]bXž'Yhk U'VY]'< Yfn]bZUf_hYbcXYf'gW\k YfYb'JYf`Yhni b[Yb"'8Ug'K YfbYf': cf» a Ubb?fUb_Yb\Ui g']b'9VYfgk U`XYž 'YffY]W\VUf'i bhYf'Ž (-'''' ('*-\$žVYZ]bXYh'g]W\']b'XYf'Fi Xc`Zl6fY]hgW\Y]X!GhfU»Y'%\$\$"5i W\'XUg'

< 9@=C G ? `]b]_i a '6Yf`]b '6i W 'V]YhYh'l bhYfghØhni b[ž 'a]h'XYf HY`YZcbbi a a Yf'Ž (-''\$'-(\$%\$ž'i bX']gh'Ub'XYf'GWk UbYVYW_Yf 7\Ui ggYY')\$'ni 'Z]bXYb"

6YfY]hgWXUZhgÀfnhY'Ua'K cWXYbYbXY

: Øf'U``Yž'X]Y'Ui » Yf\U`V'XYf'fY[i `ÀfYb'GdfYW\nY]hYb'Y]bYb'5fnh gi W\Ybž'[]Vh'Yg'Ua '\Yi h][Yb'GcbbhU['Ui W\'j YfgW\]YXYbY 6YfY]hgW\UZhgdfUl Yb"'8 Uni 'nÀ\`Yb.

- Ÿfnh`]WXY'6YfY]hgWXUZhgdfUI]g'9VYfgkU`XY.'FiXc`Zl6fY]hgWXY]X!GhfU»Y'%\$\$ž'%*&&)'9VYfgkU`XYž'-.\$\$!&\$.\$\$I\f
- Ÿfnh`]WXY'6YfY]hgWXUZhgdfUI]g'GWXkYXh#CXYf. ?fUb_Yb\UigghfU»Y'&'ž'%*'\$'GWXkYXh#CXYfž'-.\$\$!&%.\$\$ |\f
- Ÿfnh`]WXY'6YfY]hgWXUZhgdfUl]g'6YfbUi 'VY]'6Yf`]b.
 @UXYVif[Yf'Ghf"'%+ž'%*' &%'6YfbUi 'VY]'6Yf`]bž'-.\$\$!&\$.\$\$
 | \f
- Ÿfnh`]W\Y`6YfY]hgW\UZhgdfUI]g`HYad`]b.`FcVYfh!?cW\! Ghf"`&(ž'%+&*, 'HYad`]bž'%\$.\$\$!%-.\$\$`I\f
- Ÿfnh`]WXY'6YfY]hgWXUZhgdfUI]g'FØXYfgXcfZ.'GYYVUX, &#, 'ž'%))*&'FØXYfgXcfZ'VY]'6Yf`]bž'-.\$\$!%-.\$\$'I\f

K Y]hYfY =b Zcfa Uh]cbYb ni '6YfY]hgW\UZhgdfUl Yb 'g]bX'i bhYf' %%* %%+ "XY'ni 'Z|bXYb"

$5dch\ Y_Yb!BchX]Ybgh$

KÀ\fYbX'XYf': Y]YfhU[Y'i bX'K cW\YbYbXYb'[]`h'YVYbgc'Y]b j YfghÀf_hYf'5dch\Y_Yb!BchX]Ybgh"'5a '%' "'> `]'\UVYb'Zc`[YbXY 5dch\Y_Yb'BchX]Ybgh

- 5dch\Y_Y`ni f`GW\cfZ\Y]XY.`6Yf`]bYf`GhfU»Y`, `Už`%* &((GW\cfZ\Y]XYž' 'Ž(-'''-''*),', `fV]g`\$, .\$\$`I\f
 %' "\$+"&\$&) Ł
- < Y]bY!5dch\Y_Yž'DUb_YhU`. '6U\b\cZghfU»Y', 'ž'%*'(% DUb_YhU`ž' 'Ž(-''\$'-((%+,%''fV]q'\$,.\$\$'I\f'%' "\$+"&\$&)Ł

• : U`_Yb!5dch\Y_Yž'6Yf`]b. 'K Ufb]hnYf'Ghf"'&\$ž'%' \$) + 6Yf`]bž' 'Ž(-''\$'-&+--*-&'fV]g'\$,.)-'I\f'%' "\$+"&\$&) Ł

8 UfØVYf`\]bUi g`ghY\Yb`j]Y`Y`k Y]hYfY`5dch\Y_Yb`]b`6Yf`]b`i bX La`UbX`ZØf`aYX]n]b]gW\Y`BchZÀ``Y`VYfY]h"

 $5b[Yg]Whg'X]YgYf'9bhk]W_ib[Yb']gh'Yg'_iUf.'8]Y \\ BchZU''jYfgcf[ib['V'Y]Vh'ZØf'j]Y'Y'AYbgWkYb']a'@UbX'jcb'[fÒ*hYf6YXYihib["'BihnYb'G]Y'X]Y'<]`ZgUb[YVchYž'X]Y'ZØf'G]Y'ibX'\Rightarrow fY\left{ghYb'VYfY}hghY\Yb''$

8 Y hU]`g	
Cfh	FiXc`Zl6fY]hgW\Y]X!GhfU»Y'%\$\$ž'%*&&)
	9VYfgk U`XYž8Yi hgW\`UbX
EiY``Yb	• k k k "bYk g"XY
	VYfY]hgWXUZhgdfUIYb"%%* %%+"XY
	• k k k "XYghUh]g"XY

6 Y gi W Y b 'G] Y 'i b g 'U i Z 'b ! U ["b Y h