

K c\ba cV]`!8]YVghU\``]b`6chhfcd.`NYi [Yb [Ygi W\h°

I bVY_UbbhY`\UVYb`]b`6chhfcd`Y]b`K c\ba cV]``[Yghc\`Yb" NYi [Yb`k YfXYb`[YVYhYbž'g]W\`i bhYf`\$, \$\$#&' *%'%%%`ni a Y`XYb"

± Y]bYf'VYgcf[b]gYffY[YbXYb'9bhk]W_`i b['_Ua 'Yg']b'6chhfcd'ni Y]bYa '8]YVghU\`'Y]bYg'K c\ba cV]`gž'XUg'nk]gW\Yb
A]hhk cW\a cf[Yb'i bX'8cbbYfghU[a cf[Yb'Ybhk YbXYh'k i fXY"
HÀhYfž'X]Y'V]g\Yf'bcW\'b]W\h']XYbh]Z]n]Yfh'k YfXYb'_cbbhYbž'bi hnhYb
X]Y'8i b_Y`\Y]hži a 'XUg': U\fnYi [ž'Y]bYb'k Y]» Ya 'A]``Yf'Hcfcbhc
a]h'Y]bXYi h][Yf'6chhfcdYf'GhÀXhY_Ybbi b[ž'ni 'ghY\`Yb"

8]Y 'HUhnY]hgdUbbY 'YfghfYW_h'g]WX 'j ca 'A]hhk cWX 'i a ', .&\$'I \f'V]g 8cbbYfghU['i a '+.' \$'I \fž'U`g'XUg'K c\ba cV]`']a '6YfY]WX 'XYg K Yghf]b[g'[YdUf_h'k Uf"'8]Y 'i bVY_UbbhYb'HÀhYf'\UVYb cZZYbg]WXh`]WX 'X]Y '5Vk YgYb\Y]h'XYg': U\fnYi [gVYg]hnYfg'[Ybi hnhž i a 'i bVYa Yf_h'ni ni gWX`U[Yb"

K]WX h][Y <]bk Y]gY ZØf X]Y 6Yj Ò`_Yfi b[

8]Y 'Dc`]nY]'F YW_`]b[\Ui gYb'gi W\h'bi b'bUW\'NYi [Ybž'X]Y
a Ò[`]W\Yfk Y]gY'Yhk Ug'J YfXÀW\h][Yg'VYa Yf_h'\UVYb'_ÒbbhYb
cXYf'<]bk Y]gY'ni 'XYa '9bhVfi W\'[YVYb'_ÒbbYb"'9g'k]fX'[YVYhYbž
g]W\'VY]'XYf'Dc`]nY]'i bhYf'XYf'HY`YZcbbi a a Yf'\$, \$\$#&' *%'%%%'ni
a Y`XYb"'>\XYf'<]bk Y]g'_ÒbbhY'YbhgW\Y]XYbX'gY]bž'i a 'X]Y'HÀhYf
ni 'Yfa]hhY`b'i bX'XUg': U\fnYi ['ni fØW_ni VY_ca a Yb"

K c\ba cV]`Y'g]bX'Ui Z[fi bX']\fYf'; fÒ» Y'i bX'XYg'cZh'Yf\YV`]W\Yb K YfhYg'UhhfU_h]j Y'N]Y`Y'ZØf'8]YVY"'8]YgY'5fh'j cb'?f]a]bU`]hÀh'\Uh]b'XYb'`YhnhYb' $\!\!\!$ J\fYb'ni [Ybca a Ybž'XU'j]Y`Y'A YbgW\Yb']b'XYf

FY[]cb'K c\ba cV]`Y'ZØf'I f`Ui VgfY]gYb'i bX': fY]nY]hU_h]j]hÀhYbbi hnYb"'8Ug'[Yghc\`YbY'K c\ba cV]`'fYdfÀgYbh]Yfh'gca]h'b]W\h'bi fY]bYb'a UhYf]Y``Yb'JYf`i gh'ZØf'XYb'9][YbhØa Yfž'gcbXYfb'Ui W\Y]bYJYf`Yhni b['XYg'G]W\Yf\Y]hg[YZØ\`g']b'XYf'; Ya Y]bXY"

8]Y'Dc`]nY]'UddY``]Yfh'Ub'X]Y'6Øf[Yfž'k UW\gUa 'ni 'gY]b'i bX
i b[Yk Ò\b`]W\Y'5_h]j]hÀhYb']b']\fYf'I a [YVi b['ni 'a Y`XYb"
G]W\Yf\Y]h'[Y\h'i bg'U``Y'Ubž'i bX'bi f'[Ya Y]bgUa '_Ubb'XYfUfh][Y?f]a]bU`]hÀh'Y]b[YXÀa a h'k YfXYb"'9I dYfhYb'fUhYb'XYb'6Yg]hnYfbjcb'K c\bacV]`Ybž'[YY][bYhY'G]W\Yf\Y]hga U»bU\aYb'niYf[fY]ZYbž'i a ']\fY': U\fnYi [Y'j cf'8]YVghU\`'ni 'gW\ØhnYb"'8Uni[Y\ÒfYb'i bhYf'UbXYfYa '@Yb_fUXgW\`ÒggYfž'; DG!HfUW_]b[!GmghYaYi bX'XUg'DUf_Yb']b'VY`YVhYb'cXYf'[i h'VY`Yi W\hYhYb6YfY]W\Yb"

 $9g`V`Y]Vh`bi b`UVni k UfhYbž`cV`Xi fWX`<]bk Y]gY`Ui g`XYf 6Yj Õ`_Yfi b[`bYi Y`\b\Zcfa Uh]cbYb`ni a `J YfV`Y]V`XYg`K c\ba cV]`g cXYf`ni `XYb`HÀhYfb`[Yk cbbYb`k YfXYb`_ÕbbYb"`8]Y`5bnY][Y`XYg 8]YVghU\`g`gc``hY`U``Yb`5bk c\bYfb`Y]b`NY]WXYb`gY]bž`XUgg`Ui WX`]b fi \][Yb`GhUXhhY]`Yb`?f]a]bU`]hÀh`ghUhhZ]bXYb`_Ubb"`8]Y`F<math>\emptyset$ W__Y\f XYg`[Yghc\`YbYb`: U\fnYi [g`_ÕbbhY`b]WXh`bi f`XYb`9][YbhØa Yf VYfi \][Ybž`gcbXYfb`Ui WX`XUg`G]WXYf\Y]hg[YZ \emptyset \``]b`6chhfcd ghÀf_Yb"

 $8] Y \cdot 6 \varnothing f [\ Yf' j \ cb \cdot 6 c \ hh f \ cd \cdot g] b \ X \cdot X \cdot Uni \ \ Ui \ Z [\ Y \ Z c f \ X \ Y f \ The injection of the injection of$

8 YhU]`g

6 Ygi WX Yb 'G]Y 'i bg 'Ui Z 'b!U["XY