

A cVY 9bYf[]Y ZØf $^{\prime\prime}$ XY 5bk YbXi b[

5BGA 5BB 'ni a 'Xf]hhYb 'A U` ']b ': c`[Y 'a]h 'XYa 'Hcd '%\$\$!G]Y[Y` Ui q[YnY]W bYh

8]Y 5BGA 5BB 5; žY]b ZØ\fYbXYg I bhYfbY\a Yb]a '6YfY]W\ XYf a cV]Yb '9bYf[]Yj Yfgcf[i b[ž ZfYi h g]W\ ž ni a 'Xf]hhYb 'A U`]b :: c`[Y XUg fYbca a]YfhY 'Hcd '%\$\$!G]Y[Y` ZØf'\YfUi gfU[YbXY \display bcj Uh]cbgei U`]hÀh 'ni 'Yf\U`hYb" '8]Y '5i gnY]W\ bi b['i bhYfghfY]W\ h XUg '9b[U[Ya Ybh i bX 'X]Y '? fYUh]j]hÀh 'XYg 'HYUa gž a]h ']bbcj Uh]j Yb @Ògi b[Yb 'ghYhg 'X]Y '6YXØfZb]ggY 'XYf'?i bXYb 'ni 'YfZØ``Yb" 'H\]`c < UW_ž J cfghUbX 'XYf '5BGA 5BB '5; ž 'Vf]b[h 'Yg 'Ui Z 'XYb 'Di b_h '8Yf k U\fY 'K Yfh 'Y]bYf '\display bcj Uh]cb 'nY][h g]W\ 'Yfgh 'XUbbž k Ybb 'g]Y i bgYfYb '?i bXYb 'bØhnh'i bX ']\fY '6YXØfZb]ggY 'YfZØ``h"

; YbYfUh]j Y'?= 'Y]b'K Yf_nYi ['ni f'9ZZ]n]YbnghY][Yfi b[8]Y'5BGA 5BB'5; 'VYgW\ÀZh][h'g]W\'gY]h'\J\fYb'a]h'[YbYfUh]j Yf'?= i bX'gYhnh'X]YgY'[Yn]Y`h'ni f'9ZZ]n]YbnghY][Yfi b[']b'j YfgW\]YXYbYb I bhYfbY\a YbgVYfY]W\Yb'Y]b'''\\D'XYf'6i W\\U`hi b['Yfa O[`]W\h'XYf 9]bgUhn'j cb'?\\HYW\bc`c[]Yb'Y]bY'bU\Yni 'j c``Ui hca Uh]gW\Y FYW\bi b[gVYUfVY]hi b[ž'k \A\fYbX']b'XYf'DfcXi_h]cb'?\\H[YghØhnhY 6]`Xj YfUfVY]hi b[ggmghYa Y'ni f'Ei U`]h\Ahgg]W\Yfi b['VY]hfU[Yb\Z]bXYa 'g]Y'X]Y'\ZY\`YfZfY]Y'6YghØ\Li b['j cb'NY``\U`hYfb g]W\YfghY``Yb''

A Uf_i g: ØfghžYVYbZU``g'J cfghUbX`VY]'5BGA 5BBž'VYhcbh'X]Y
6YXYi hi b['XYg'9b[U[Ya Ybhg'XYf'A]hUfVY]hYf]bbYb'i bX
A]hUfVY]hYf. K]f'[YVYb'Yb[U[]YfhYb'i bX'a ch]j]YfhYb
A]hUfVY]hYfb'VY]'5BGA 5BB'_fYUh]j Yb': fY]fUi a ž'i a ']bbcj Uh]j Y
DfcXi _hY'i bX'8]Ybgh'Y]ghi b[Yb'ZØf'i bgYfY'?i bXYb'ni 'Ybhk]W_Y`b"
8]Yg'ghY][Yfh'X]Y'?i bXYbni Zf]YXYb\Y]h'i bX'V]YhYh'i bg
K YhhVYk YfVgj cfhY]'Yž'k Ug'X]Y'Ni _i bZh'j cb'i bg'i bX'i bgYfYb
?i bXYb'g]WXYfh''K]f'g]bX'gY\f'ghc`nž'XUgg'i bgYfY'5fVY]h'ni a
Xf]hhYb'A U``]b': c`[Y'a]h'XYa ; ØhYg]Y[Y` HC D%\$\$'\deltabcj Uhcf
Ui g[YnY]WXbYh'k]fX"

=a '5i ZhfU['j cb'Wca dUa YX]Už'XYa '5i gf]W\hYf'XYg'K YhhVYk YfVgž

\Unixyf \delta bcj Un]cbgZcfgWX Yf DfcZ" 8 f" B]_c `Ui g : fUb_Y j cb XYf K]fhgWX UZhgi b]j Yfg]hÀh K]Yb i bX gY]b HYUa X]Y \delta bcj Uh]cbg_fUZh U``Yf HY]`bY\a Yf Ub\UbX j cb a Y\f U`g '%\$\$ '? f]hYf]Yb 'Ui g 'ZØbZ ? UhY [cf]Yb 'ØVYfdfØZh '\delta bcj Uh]cbgZÒfXYfbXYg 'Hcd!A UbU[Ya Ybhž \delta bcj Uh]cbg_`]a Už \delta bcj Uh]j Y 'DfcnYggY i bX 'C f[Ub]gUh]cbž 5 i » Ybcf]Ybh]Yfi b[#C dYb '\delta bcj Uh]cb 'gck]Y '\delta bcj Uh]cbgYfZc`["

5BGA 5BB 'gYhnhY 'g]WX ']b 'XYa 'k]ggYbgWX UZh`]WX Yb
5i gk U\`j YfZU\fYb 'Xi fWX 'i bX'[Y\\OffrVYfY]hg'ni a 'Xf]hhYb'A U``ni
XYb'Hcd!\Dcj UhcfYb''5a '&+"'\ddots b]_ca a Yb'U``Y'Hcd!\Dcj UhcfYb
XYg'\J\fYg'\&\&\) ']b'XYf'F\Y]b[c`X\U``Y']b'A U]bn'ni f
DfY]gj Yf`Y]\i b[']a 'FU\a Yb'XYg'8Yi hgWXYb'A]hhY`ghUbXg!Gi a a]h
ni gUa a Yb''8cfh'k]fX'FUb[U'Mc[Yg\k Uf']\bYb'ni a '9fZc`['VY]
HCD'\%\\$'dYfg\Ob`]WX'[fUhi `]YfYb''8Ug'I bhYfbY\a Yb'k]fX
k Y]hYf\]b'Xi fWX'\Dcj Uh]cbYb'i bX'bUWX\U`h][Y'DfU_h]_Yb'Y]bYb
dcg]h]j Yb'6Y]hfU['ni f'a cV]`Yb'9bYf[]Y'i bX'Y]bYf'bUWX\U`h][Yb
Ni _i bZh``Y]ghYb''

GY]h'%--' 'j Yf[]Vh'Wca dUa YX]U'XUg'HC D'%\$\$!G]Y[Y'`ZØf
VYgcbXYfY' \(\delta \) bcj Uh]cbg_fUZh'i bX'ØVYfXi fW\\ gW\\ b]hh`]W\\ Y
\(\delta \) bcj Uh]cbgYfZc`[Y'Ub'a]hhY`gh\\ bX]gW\\ Y'I bhYfbY\a Yb"'8]Y
\(k \)]ggYbgW\\ UZh`]W\\ Y'@Y]hi b['']Y[h'gY]h'\&\$\$\&']b'XYb' < \(\delta \) bXYb'j cb
\(\Dfc Z''\ 8 f''\ B \]_c`Ui g': fUb_Y'': fUb_Y']gh'; fØbXYf'i bX'J cfghUbX'XYg
\(\delta \) gh]hi hg'ZØf'9bhfYdfYbYi fg\]d'i bX'\delta bcj Uh]cb'XYf
\(\kappa \) ghgW\\ UZhgi b]j Yfg]h\\ h'\ K]Yb"'\ A]h'\&+': cfgW\\ i b[gdfY]gYb'i bX'\ØVYf
\(\&\$\$'J YfOZZYbh']W\\ i b[Yb'[Y\Ofh'Yf']bhYfbUh]cbU`ni XYb'ZØ\\ fYbXYb
\(\delta \) bcj Uh]cbgZcfgW\\ Yfb"'\ A Ybhcf'j cb'HCD'\%\$\$']gh'XYf
\(\kappa \) ggYbgW\\ UZhg'ci fbU`]gh'FUb[U'\Mc[Yg\\ Uf"'Dfc'Y_hdUfhbYf'g]bX
\(\lambda \) YgY``gW\\ UZh'ni f': \(\Off\) fXYfi b['XYf'Ub[Y\\ UbXhYb
\(\cfg\) cfgW\\ i b['i bX'XYf'\ A]hhY`ghUbXgj YfVUbX'\ 6J A K "'8 Ug' A U[Un]b
\(\alpha \) YZ\[Yf'\ A]hhY`ghUbXgj YfVUbX'\ 6J A K "'8 Ug' A U[Un]b
\(\alpha \) YZ\[Yf'\ A]hhY`ghUbXgj YfVUbX'\ 6J A K "'8 Ug' A U[Un]b
\(\alpha \) YX]YbdUfhbYfz'\ N9\(\delta \) YbY\[Y]hYh'XYb'I bhYfbY\\ a Ybgj Yf['Y]W\'U`g
\(\alpha \) YX]YbdUfhbYfz'\ N9\(\delta \) YBY\[Yf'\] bhYfbY\\ a Yf']gh'? ccdYfUh]cbgdUfhbYf''

A cV]`Y`9bYf[]Y``k Ubb`i bX`k c`g]Y`[YVfUi W\h`k]fX"`8]Y`J]g]cb`XYf
:]fa U`5bga Ubb`]gh`Ygž`X]Y`K Y`h`a]h`a cV]`Yf`9bYf[]Y`ni
j Yfgcf[Yb": Øf`XYb`Bf"%`GmghYa UbV]YhYf`fi bX`i a `5__i gž
@UXY[YfÀhY`i bX`@]W\h`]gh`Yg`XUg`N]Y`ž`Xi fW\`YbYf[]YYZZ]n]YbhY
DfcXi_hY`i bX`HYW\bc`c[]Yb`XYb`5``hU[`gY]bYf`?i bXYb`ni

Yf`Y]W\hYfb"A]hi]\fYb\ZØbZ'HcW\hYf[YgY``gW\UZhYb']b; fc»Vf]hUbb]Ybž': fUb_fY]W\ž'GW\kYXYbž'7\]bU'i bX'<cb[_cb[_VYgW\AZh][h'X]Y'5BGA5BB!; fi ddY']bg[YgUa h'ØVYf'(\$\$A]hUfVY]hYf"'5a':]fa Yb\Ui dhg]hn']b'5ggUa ghUXh'VYhfY]Vh'XUg I bhYfbY\aYb'Y]bYb'DfcXi_h]cbgVYfY]W\ž'X]Y'nYbhfU`Y'@c[]gh]_i bX'ni XYa'Y]b'I B!HYghnYbhfi a ž'XUg'U``Y'bchkYbX][Yb'HYghg'i bX JYfgi W\gfY]\Yb'ZØf'X]Y'HfUbgdcfhhUi [`]W_Y]h'j cb'@h\]i a '5__i g Xi fW\ZØ\fh"

:]fa Yb_cbhU_h
5bga Ubb'5;
7\f]ghcd\Yf'Jc[h

DXi ghf]Yghf"'%
-+-) - '5ggUa ghUXh

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info@ansmann.de

\hhd.##k k k "Ubga Ubb"Wca

DfYggY_cbhU_h
7ca a .A ch]cbg' 'HYI h'/ 'DF
A]f]Ua '@Yi b]ggYb
<YWX hgYYghfUggY'%*
,'\$&&FcgYb\Y]a
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\hhdg.##k k k "Wca a !a ch]cbg"Wca

6]`Xei Y``Y. '4 5bga Ubb5;

8 Y hU]`g

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