



ARTS3633

DfcZYgg]cbU`>UdUbYgY'6

HYfa`Hk c`#`&\$&%

7ci fgY`Cj Yfj]Yk

GHJZ7cbHJW`8YHJ]`g

7cbj Ybcfg

B Ua Y	9a Uj`	5j U]UV]`]m	@cWJhcb	D\cbY
M a]c`<Ug\]a chc				

5ggYgga Ybh

5ggYgga YbhHUg_g

5ggYgga YbhHUg_	K Y][\h	8i Y'8UHŸ	Gh XYbh@YUfb]b[Ci hŸa Yg'5ggYggYX
K f]hŸb'HYgh	&)	\$&# \$+ #&\$&% '\$' . ' \$' DA	%ž)
F YgYUfŸ 'Dfc'YWh) \$	D'YUgY'gYY'UXX]hcbU'XYhU]g VY'ck "	%ž' &ž' ž (ž)
GdYŸU' 'Dfc'YWh	&)	Bch5dd']WUVY	%ž' ž (

5ggYgga Ybh8YhU]`g

5ggYgga Ybh% 'K f]hŸb'HYgh

GhUfhXUHŸ. '\$&# \$+ #&\$&% '\$. %\$' DA

@Yb[h. . , \$'a]bi hŸg

8YhU]`g.

Gh XYbhŸ'Ÿa d'Yh'U'hŸghfWŸ"%\ci fl:]bWŸ X]b['g\cfh'UbX'`cb[Yf'Ubgk Yf'ei Ygh]cbg" Gh XYbhŸ'fYŸWŸ] Y'U
a Uf_'UbX'WŸb'Ÿbgi 'hŸY'YWh fYf'Zcf'Z fhYf'ZYXVUW_"

5XX]hcbU'XYhU]`g.

Gh XYbhŸ'k]`Ÿa d'Yh'U'a]X!hŸfa ']b!WUgg'hŸghcZŸY]f'_bck'YX[Y'cZŸY'YWh fY'ŸcbhŸbhŸ'UbX'fYUX]b['g"
: YXVUW_`k]`VY'[]j Yb'j]U'bi a Yf]WŸ' [fUXY'UbX'cfU'Ÿa a Ybh'

Hi fb]h]b'gYh]b[. H\]g'Ugg][ba Ybh]g'gi Va]hŸX'hŸfci [\ Hi fb]h]b'UbX'gh XYbhŸ'Xc'bcghY'Hi fb]h]b
g]a]Uf]mfYdcfŸg"

5ggYgga Ybh&. 'F YgYUfŸ 'Dfc'YWh

GhUfhXUHŸ. 'K YY_-'

@Yb[h. . j Uf]ci g

8YhU]`g.

Gh XYbhŸ'dfYdUfY'Zcf'Ub'UVghfUWh'UbX'\UbXci hg'Zcf'%'\$| ždfYgYbhU'dUdYf'Zcf'&\$| 'fWŸ')'a]bi hŸgž'UbX
k f]hŸ'U'dUdYf'Zcf'&\$| 'fWŸ'&\$\$!`Ÿ": YXVUW_`j]U']bX]j]Xi U'Ÿa a YbhŸž'f Vf]Ÿ'UbX']b!WUgg
X]gW'gg]cb'H\]g']g'hŸY'ZbU'UggYgga YbhHUg_`Zcf'UfhŸbXUbWŸ'di fdcgYg"

5XX]hcbU'XYhU]`g.

DfYgYbhU]hcb]g'hc'VY'\Y'X']b'K YY_-' 'cf'K YY_%'\$"

8i Y`XUH`Zcf`hY`fYgYUfW`dUdYf`]g`cbY`k YY_`UZf`]hg`dfYgYbhUhc`b`"

Hi fb]hb`gYhb[.`H\]g`]g`bchU`Hi fb]hb`Ugg][ba Ybh

5ggYgga Ybh' .`GdYW]U`Dfc`YVh

GHUfhXUH` .`K`YY_`&

@Yb[h. `j`Uf]ci`g

8YhU]`g.

Gh XYbhg`Wta`d`Yh`j`Uf]ci`g`UW]j`]hYg`k`YY_`mcf`V]k`YY_`mcb`hY]f`ck`b`Wc]W`UbX`gi`Va`]hU`dcf`h`c`]c`]
]bW`X]b[`fYdcf`g`UbX``ci`fbU`g":`YYXVUW_`j`]U`fi`Vf]WUbX`]bX]j`]Xi`U`Wta`a`Ybhg`"

Hi fb]hb`gYhb[.`H\]g`Ugg][ba Ybh]g`gi`Va`]hY`X`h`fci`[`H`Hi`fb]hb`UbX`ghi`XYbhg`Xc`b`chgYY`Hi`fb]hb`
g]a`]Uf]mifYdcf`g`"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

f&\$- Ł

5`cH\Yf`YggYbh]U`a UHf]U`g`UfY`hc`VY`Uj U]UV`Y`cb`h\Y`Wci fgY`A ccX`Y"

F YWca a YbXYX`F Ygci fWg

GYY`h\Y`Wci fgY`A ccX`Y"

7ci fgY`9j U`i Uh]cb`UbX`8Yj Y`cda Ybh

H\Y`Wci fgYg`]g`dYf]cX]WU`mFYj]Yk YX`UbX`ghi XYbhg`ZYXVUW`]g`i gYX`hc`]a dfcj Y`]hg`WcbhYbhg`UbX
UW]j]hYg": YYXVUW`]g`[UH\YfYX`Zfca`ghi XYbhg`i g]b[`a m9l dYf]YbW`" #i]g`YbWci fU[YX`h\Uhg]i XYbhg
Wca d`YH`h\Y]f`gi fj Ymg`VmUWVWgg]b[`h\Y`dYfgcbU]gYX`k YV`]b`_j]U`h\Y`A ccX`Y`Wci fgY`g]h"

Gi Va]gg]cb`cZ5ggYgga YbhiHUg_g

Hi fb]h]b`Gi Va]gg]cb

Ʒmci`YbWci bHYf`U`dfcV`Ya`k` \Yb`UHYa` dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiHfci`[`\`Hi`fb]h]b`z`d`YUgY`
HY`Yd`cbY`9I`HYfbU`Gi`ddcfhcb`-`,`,)`````%cf`Ya`Uj`h`Ya`cb`YI`HYfbU`HY`hgi`ddcfh4`i`bgk`"YXi`"Ui`""`Gi`ddcfh`
`lci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`cb`k`YY`YbXg`f1`*)`XUmg`U`mY`Uf2`"Ʒmci`
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiXi`Y`hc`U`Zi`h`k`]h`Hi`fb]h]b`mci`a`UmUdd`m`Zc`f`Ub`YI`HYbg]cb`z`Vi`hmc`i`
a`i`ghfYhU]b`mci`f`h]W`Yhbi`a`VYf`Zca`9I`HYfbU`Gi`ddcfhU`cb[`k`]h`Ubmc`h`Yf`fY`Yj`UbhXcW`a`Yb]gk`hc`
]bWi`XY`Ug`Yj`]XYbVW`hc`gi`ddcfhmc`i`f`YI`HYbg]cb`Udd`]W]h]cb`"Ʒmci`Ya`Uj`9I`HYfbU`Gi`ddcfhmc`i`k`]`
Ui`hca`U]WU`m`fYW]j`Y`U`h]W`Yhbi`a`VYf`z`Vi`h]Zmci`HY`Yd`cbY`mci`k`]`b`Y`Y`X`hc`gd`Y`W]Z]WU`m`Ug`_`Zc`f`cbY`"
Hi`fb]h]b`U`gc`dfcj`]XYg`i`dXUHYg`cb`h`Y]f`gmghYa`g`hU`h`g`cb`Hk`]hYf`"

;`YbYfU`m`z`UggYgga`YbhiHUg_g`a`i`ghVY`gi`Va`]hYX`Y`Y`Wfcb]WU`mj`]U`Y]h`Yf`Hi`fb]h]b`cf`U`A`ccX`Y`
Ugg][`ba`Ybhi`h`]bg]hU`bVW`g`k` \YfY`h`g`]g`bchdcgg]V`Y`z`]hk`]`VY`gh`U`H`X`cb`mci`f`Wci`fgY`g`A`ccX`Y`g`]h`k`]h`
U`HYfbU]h]`Y`gi`Va`]gg]cb`XYhU]g`"

:`cf`]b`Zc`fa`U]h]cb`cb`l`ck`hc`gi`Va`]hUgg][`ba`Yb]g`cb`]b`Y`j`]U`A`ccX`Y`.`h`hdg`#`gh`XYbhi`bgk`"YXi`"Ui`#`ck`!
gi`Va`]hUgg][`ba`Yb]h`a`ccX`Y`"

5 WUXYa]W< cbYgmiUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i`g]b[`h`Y`k`c`f`X`g`c`f`]X`Y`U`g`c`Z`c`h`Y`f`g`i`U`b`X`d`f`Y`g`Y`b`h]b[`h`Y`a` `U`g`m`c`i`f`c`k`b`" `#`W`U`b`h`U`_`Y`a` `U`b`m`
Z`c`f`a`g`Z`Z`c`a` `X`Y`]V`Y`f`U`h`Y` `W`X`Y`U`h]b[`h`c` `U`W`W`Y`X`Y`b`h`U` `m`i`W`c`d`m]b[`Z`c`a` `U`g`c`i`f`W` `k`]h`c`i`h`U`W`_`b`c`k` `Y`X[`Y`a` `Y`b`h`

I`B`G`K` `[`f`c`i`d`g`d`U[]Uf]ga `]b`h`c` `h`Y` `Z`c` `c`k`]b[`W`U`h`Y`[`c`f]Y`g.

- i bXYfgHUbX'mci f'f][\hg'UbX'fYgdcbg]V']hYg'Ug'U'gh XYbhUhl BGK
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