



ARTS2511

HYfa YX]UHŸ ; Yfa Ub'6

HYfa `C.bY`#`&\$&%

7 ci fgY`Cj Yfj]Yk

GHJZZ'7cbhJWw'8YhU]`g

7cbj Ybcfg

B Ua Y	9a U]	5j U]'UV]'m	@cWlhcb	D\cbY
8Yb]gY`< UbhY`	X"\UbhY`4 i bgk "YXi "Ui	K YXbYgXUmj/ H\i fgXUmj. '&!' da fj]U'A G`HYUa g WXUh#WU`Ł	A cfj Yb`6fck b &' (\$&'- \$*) &\$, \$

Hi hcfg

B Ua Y	9a U]	5j U]'UV]'m	@cWlhcb	D\cbY
GUv]bU`Ni `cj]W	g"ni `cj]W i bgk "YXi "Ui			

GWx cc``7cbhJWw'Zcfa Uh]cb

GWx cc``cZ<i a Ub]h]Yg`UbX`@Ub[i U[Yg

@cWlhcb. 'GWx cc``C Z]WžA cfj Yb`6fck b`6i]X]b[ž@Yj Y``&ž&),

CdYb]b[`<ci fg.`A cbXUm!': f]XUmž`- Ua `!') da

D\cbY. 'ž*%&'- ' ,) `*% , %

: U! . 'ž*%&'- ' ,) ; , +\$)

9a U]: [\U`4 i bgk "YXi "Ui](#)

7ci fgY'8YHJ]`g

7fYX]hDc]bHg`*`

Gi a a UfmicZ\hY'7ci fgY

hYfa YX]UH'; Yfa Ub'6`Vi]Xg'cb`hY'gi WWggZ`Wca d`Yh'cb'cZ`hYfa YX]UH'5`cf`hY`Yei]j U`YbhcZ%)
mYUfg'cZ; Yfa Ub`Ub[i U[Y`YUfb]b[" `hWcbgc`XUH'g'UbX`YI hYbXg'mci f'dfYj]ci g'mUVei]fYX'cfU`UbX
k f]hYb'; Yfa Ub`Wca a i b]WU]cb'g_]`g'UbX`YI hYbXg'mci f]cWUVi `UfmUbX'[fUa a Uf'Zci bXU]cb" H\i gzhY
Wci fgY`YbUV`Yg'mci `hc`Wca a i b]WU]cb'g_]`g'UbX`YI hYbXg'mci f]cWUVi `UfmUbX'[fUa a Uf'Zci bXU]cb" H\i gzhY
cZhc'd]Vg`]b'; Yfa Ub" `Mci `k]`k`cf`_`k]h`UbX`X]gW`gg`Wfi W]U`\\]ghcf]WU`UbX`W`ffYbhgcW]c!W`h`fU`]ggi`Yg`]b
; Yfa Ub!gdYU_]b[`Wci bh]Yg"

7ci fgY`@YUfb]b[`Ci hWca Yg

%`I`bXYfghUbX`UbX`fYgdcBx`hc`Vch`hY'a`%o

5ggYgga Ybh

5ggYgga YbhHUg_g

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
C b`]bY`E i]nnYg`	(\$i	E i]n`% '\$%\$' `f(da t/E i]n`&. %) #`' `f(da t/E i]n` . '\$* #\$(f(da t/E i]n`(. '%- #\$(`f(da t	%ž&ž'
Dcfhž`]c`	(\$i	Dcfhž`]c`='&- #`' `f(da t/ Dcfhž`]c`='&* #\$(`f(da t	%ž&ž' ž(ž)
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H\Y(`cb`]bY`ei]nnYg`f \$`a]bg`YUWXk`j`VY`WcbXi W`X`j]U`h`Y`@`G`"H\YmWcbg]ghcZUi hca Uh]W`m
a Uf_YX`ei Yg"\$ f_YX`ei Yg"\$ ei ` \ %o

a

Hi fb]h]b'gYh]b[. 'H\]g]g'bchU'Hi fb]h]b'Ugg][ba Ybh

<p>K YY_- . %&'5df]'!'%* 5df]'</p>	<p>Hcd]W</p>	<p>? Ud]hY'' ('"J]Y''GdU» ""!'Y]gi fY'UWij]h]Yg A cXi '' ? Ud]hY'') ''5''Yg'k]''[Y'YfbhgY]b''. ''YUfb]b[5i zU_hz'A cXi ''%</p>
<p>K YY_%. %- '5df]'!'& 5df]'</p>	<p>Hcd]W</p>	<p>F Yj]g]cb/' GdYU_]b['HYgh E i]n'(. %- #\$(GdYU_]b['HYgh'&&#\$(Dc fhZc`]c`='&* #\$('fK YY_`%#±</p>

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

3ebWj fW` Wg 4#b`ge >Wzđg` V 3dTWjfeTgUZ Fw`^# _ [f 5 6 fG6B` - +, !' !%&!*\$) \$% ! \$L

F YWca a YbXYX`F Ygci fWg

F YWca a YbXYX`F Ygci fWg

6cc_`-`

Gi Va]gg]cb`cZ5ggYgga YbhiHUg_g

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

≠mci`YbWci bHYf`U`dfcV`Ya`k` \Yb`UHYa` dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiHfci`[`\`Hi`fb]h]bzd`YUgY`
HY`Yd\cbY`9I`HYfbU`Gi`ddcfhcb`-`,`,)`````%cf`Ya`Uj`hYa`icb`YI`HYfbU`HY`hgi`ddcfh4`i`bgk`"YXi`"Ui`""`Gi`ddcfh`
\ci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`icb`k`YY`XUmg`UbX`-`.\$\$Ua`-`,`)`. \$\$da`icb`k`YY`YbXg`f1`*)`XUmg`U`mY`Uf2`"≠mci`
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`YbhiXi`Y`hc`U`ZU`ihk`]h`Hi`fb]h]b`mci`ia`UmUdd`mZc`f`Ub`YI`HYbg]cbz`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`Ybhtg`L`hc`
]bWi`XY`Ug`Yj`]XYbVW`hc`gi`ddcfhmc`i`f`YI`HYbg]cb`Udd`]W]h]cb`"≠mci`Ya`Uj`9I`HYfbU`Gi`ddcfhmc`i`k`]`
Ui`hca`UH]WU`mifYW]j`Y`U`h]W`Yhbi`a`VYfz`Vi`h]Zmci`HY`Yd\cbY`mci`k`]`bYYX`hc`gdYW]Z]WU`mUg`Zc`f`cbY`"
Hi`fb]h]b`U`gc`dfcj`]XYg`i`dXUH`g`cb`h`Y]f`gmghYa`ig`hU`h`g`cb`Hk`]hYf`"

;`YbYfU`mz`UggYgga`YbhiUg_g`a`i`ghVY`gi`Va`]hYX`Y`YWfcb]WU`mj`]U`Y]h`Yf`Hi`fb]h]b`cf`U`A`ccX`Y`
Ugg][`ba`Ybhi`h`]bghU`bVW`g`k`\YfY`h`g`]g`bchidcgg]V`Yz`]hk`]`VY`ghU`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]bZcfa`Uh]cb`cb`\ck`hc`gi`Va`]hUgg][`ba`Ybhtg`cb]bY`j`]U`A`ccX`Y`. \`hhdg`#gh`XYbhi`bgk`"YXi`"Ui`#ck`!
gi`Va`]hUgg][`ba`Ybhta`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.

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