



ARTS4268

A Yh̄cXc`c []Yg`]b`h̄Y`GcW̄U`GW̄YbW̄g. `E i Ygh]cbg`UbX
E i UbXUf]Yg

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

7ci fgY`Cj Yfj]Yk

GHJZ`7cbHJW`8YHJ]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cWJhcb	D\cbY
5#DfcZ; YcZFYm 6fU\ a `@Yj Ym	[``Yj Ym# i bkg "YXi "Ui	VmYa U]`WcbHJW`	A 6`% +	- ' ,) % +*

GWcc``7cbHJW`#Zcfa Uh]cb

GWcc``cZGcWU`GWYbWg

7ci fgY'8YHJ]`g

7fYX]hDc]bHg`*`

Gi a a UfmicZ\hY'7ci fgY

BchY. H\]g:]g'U'%'&I C 7`Wci fgY"McI`k]`Ybfc`]b`*`I C 7`]b`YUWX`cZfk`c`gi`WWWgg]] Y`hYfa`g`k`]h`U`fYgi`h`fYdcfhYX`VmU`g]b[`Y`[fUXY`UhH`Y`YbX`cZ\hY`gYVc`bX`*`I C 7`Wci fgY"

H\]g:]g'U`Wc`fY`Wci`fgY`Zc`f`<`cbci`fg`WUbX]XUH`g`]b`h`Y`GVX`cc`c`ZGc`W]U`G`W`Y`b`W`g`UbX`h`Y`a`U]b`Zc`W`g`k`]`VY`h`Y`ei`Y`gh]cb`c`Za`Y`h`c`Xc`c`[`m`9`U`V`X`g`Ya`]b`U`f`k`]`cc`_`U`h`X]Z`Y`f`Y`bh`U`dd`f`c`U`W`X`Y`g`h`c`f`Y`g`Y`U`f`W`U`W`f`c`g`g`h`Y`g`i`V`!`X]g`W`d`]b`Y`g`Ub`X`k`]`Y`I`d`c`f`Y`k`U`h`k`Y`a`][`h`W`U`h`Y`g`c`k`U`h`c`Z`U`d`U`f`h]W`U`f`a`Y`h`c`Xc`c`[`m]g`Ub`U`m]W`U`Y`j`Y`f`U`[`Y`K`l`m`Xc`h`Y`Gc`W]U`G`W`Y`b`W`g`V`f`Y`U`_]b`c`a`m]U`X`Z`W`c`a`d`Y`h]b[`a`Y`h`c`Xc`c`[`]Y`g`3`7`Ub`k`Y`X`Y`g`W]V`Y`ci`f`a`Y`h`c`Xc`c`[`]Y`g`U`g`g`W]Y`b]Z`W`Ub`X`]Z`b`c`z`h`Y`b`l`c`k`Xc`k`Y`V`Y`g`h`g`Y`W`f`Y`U`b`c`h]cb`c`Z`U`W`W`f`U`W`h`U`b`X`i`g`Y`Z`b`Y`g`g`3`<`c`k`Xc`Y`g`c`i`f`i`b`X`Y`f`g`h`U`b`X]b[`c`Z`Y`]X`Y`b`W`U`W`h`U`m`W`X`U`b[`Y`c`i`f`f`Y`g`Y`U`f`W`a`Y`h`c`X`g`U`g`k`Y`U`g`h`Y`c`i`h`W`c`a`Y`g`U`b`X`W`c`b`W`i`g]c`b`g`h`U`h`k`Y`a`][`h`f`Y`U`W`X`3`

7ci fgY`@YUfb]b[`Ci hWc`a`Yg

%`5`d`d`m`i`W]h]W`h`b_]b[`Ub`X`Ub`U`m]W`g_]`g`
&`9`Z`Y`W]j`Y`m`X`Y`d`c`m`U`d`U`f`h]W`U`f`h`Y`c`f`m`c`f`a`Y`h`c`Xc`c`[`]W`U`U`d`d`f`c`U`W`X`
'`8`Y`g][`b`Ub`X`g`i`g`h]b`Ub`U`f[`i`a`Y`b`h`z`c`f`d`c]b`h`c`Z]`]Y`k`
(`X`Y`b`h]Z`m`Ub`X`U`d`d`m`i`h`Y`Y`h`]W`U`f`Y`e`i`]f`Y`a`Y`b`h`g`Ub`X`f`Y`g`d`c`b`g]V`]h]Y`g`c`Z`f`Y`g`Y`U`f`W`X`Y`f`g`

HYUWX]b[`G`h`f`U`h`[`]Y`g`

G`Y`a`]b`U`f`g`k`]`V`Y`W`c`b`X`i`W`Y`X`V`m`i`h`Y`W`c`f`X]b`U`h`c`f`k`]h`]b`d`i`h`Z`c`a`c`h`Y`f`g`d`Y`W]U`]g`h`h`



Uddfcd]UH`mfYZfYbW`X`j]b`UW`c`fXUbW`k`j]h`h`Y`E`UZaa`^aXE`aU[S`^E`U[W`UW`D`W`W`U`U`Y`9`g[VW`]b`_YX`
VY`ck`z`k`]h`U`fYZYfYbW`"]ghdfYgYbHYX`Uh`h`Y`YbX`cZ`h`Y`dUdYf`H`Y`k`cfX`"]a`]h]g`YI`Wi`g]j`Y`cZ`h`Y`
V]V`]c[`fUd`mVi`h]bWi`g]j`Y`cZYj`Yfm`h]b[`Y`gY`"Mci`k`]"`cgY`")`i`dYf`%\$\$`k`cfXg`cj`Yf`h`Y`%\$\$\$`k`cfX`"]a`]h`
H`Y`g`h`UbXUfXg`U[`U]bghk`\\]W`h`]g`UggYgga`Ybhk`]"`VY`Yj`U`i`UH`X`UfY`]b`h`Y`fi`Vf]W`Uj`U]UV`Y`cb`A`cc`X`Y`"

Mci`a`i`ghgi`Va`]hirci`f`X]gW`gg]cb`dUdYf`fc`Hi`fb`~~fb~~]b`A`cc`X`Y`Vm`h`Y`Xi`Y`X`UH`Y`Ub`X`h]a`Y`]b`H`%`
fk`\\]W`k`]"`VY`UXj`]gYX`]b`h`Y`W`ci`fgY`a`UH`f]U`L`"=k`]"`bchUW`Y`dhgi`Va`]gg]cbg`VmYa`U]"`"

H`Y`:`UW`h`mi`UH`dYbU`mi]g`)"`i`cZ`h`Y`fc`h]`dcgg]V`Y`a`Uf`g`Zc`f`h`Y`hUg`_`Zc`f`Y`UW`X`Umic`f`dUf`h`X`Um`h`U`h`h`Y`
k`cf`_]g`UH`"@"UH`H`
%o`
mYa`U`
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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]b`z`d`YUgY`
HY`Yd`cbY`9I`HYfbU`Gi`ddcfhcb`-`,`)`"``"``%cf`Ya`Uj`h`Ya`icb`YI`HYfbU`HY`hgi`ddcfh4`i`bgk`"YXi`"Ui`""Gi`ddcfh`
`lci`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]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`Ybhtg`L`hc`
]bWi`XY`Ug`Yj`]XYbW`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`VYf`z`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`bW]g`k` \YfY`h`lg`]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`lck`hc`gi`Va`]hUgg][`ba`Ybhtg`cb`]bY`j`]U`A`ccX`Y`.`h`hdg`#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.

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

5 WUXYa]WbZcfa Uh]cb

: cf`YggYbh]U`gh XYbh]bZcfa Uh]cb`fY`Uh]b[`tc.

- fYei Ygh]Zcf`YI H`bg]cb/
- `Uh`gi Va]gg]cbg`[i]XY`]bYg/
- fYj]Yk `cZa Uf_g/
- I B GK `<YU`h`UbX`GUZY`midc`]WYg/
- YI Ua]bUh]cb`dfcW`Xi fYg/
- gdYW]U`W`bg]XYfUh]cb`]b`hY`Yj YbhcZ]`bYgg`cf`a]gUXj Ybh fY/
- gh XYbhYei]mUbX`X]gUV`]m/
- UbX`c`hYf`YggYbh]U`UWUXYa]W]bZcfa Uh]cbž`gYY