



# ARTS3052

9b[ `]g\ `bHYfbg\]d

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

7 ci fgY'Cj Yfj JYk

'GHUZZ'7 cbhUW'i8YHUJ`g`

'7cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj'UVj]m	@cWUjcb	D\cbY
9a a U'>UbY	Ya a U"UbY4 i bgk "YXi "Ui	6mUddc]bha Ybh	%%) ž'@Yj Y`%ž F cVYfh K YVghYf	

GWXcc`7 cbhUW'i bZcfa Uhjcb

Fcca " %&ž'Yj Y`" 'F cVYfhK YVghYf'6i ]X]b[

D\cbY. f\$&Ł-' , ) '( , ) \*

9a Uj]: [gUa 4 i bgk "YXi "Ui](#)

K YVg]hY: [\hfdg.#gUa "Ufmg"i bgk "YXi "Ui](#)

H\Y'GWXcc`cZhY'5fmg'UbX'A YX]U'k ci 'X`\_Y'hc'F YgdYWw'`m5W\_bck 'YX[ Y'hY'HfUX]hcbU`7 i ghcX]Ubgž  
hY'6YXY[ U'fP Ybg]b[ hcb'WJa di gŁž; UX][ U'f7 ]mUbX'5fhi'8Yg][ b'7 Ua di gYgŁ'UbX'hY'B [ i bbUk U`  
dYcd'Y'fBi gLfU]Ub'8YZ'bvW': cfW'5WUXYa m]b'7 UbVYffUŁ'cZhY'UbXg'k \YfY YUW'WJa di g'cZI BGK 'jg  
'cWUHYX"

7ci fgY'8YHJ`g

7fYX]hDc]bqg`\*`

Gi a a UfmicZhY'7ci fgY

Gi VYWh5fYU.7`Y[eZ

H\]g`Wci fgY'dfcj ]XYg'mci `k ]h`Ub`cddcfh b]mhc`i bXYftU\_Y`k cf\_! ]bhY[ fUHx`YUfb]b[ `UbX`[ U]b`]bXi gHfm  
YI dYf]YbW`k ]h`U`cgchcf[ Ub]gUhc]b`WcgY`mfY`UHx`hc`mci f`A U`cf`]b`9b[ `]g\`"Mci `a UmU`gc`Udd`mhc`k cf\_  
cb`UHUW`a Ybhc]b`Ub`UWXYa ]WfYgYUfW`dfc`YWhcf`k cf\_]b`Ub`YX]hc]f]U`fc`Y`Zcf`Ub`UWXYa ]W`ci fbU`"  
=XYU`nZ`mci `k ]`i bXYftU\_Y`Ub`]bhYfbg\]d`UZh`f`mci `Uj`Y`Wca d`YHx`%)`mYUfg`cZ`Z`!h]a`Y`gh`Xmfcf  
Yei ]j`U`Yb]h`UbX`Wca d`YHx`U`a ]b]a`i`a`cZ`%`I`C`7`]b`h`Y`A`U`cf`"5`h`h`Y`YbX`cZ`h`Y`]bhYfbg\]d`mci `k ]`  
dfcj ]XY`U`gi`a`a`Uh]`Y`fYdcfhcZ`mci`f`YI`dYf]YbW`g`UbX`k`cf`\_YI`Ua`d`Yg`Wca`d`YHx`Xi`f]b[ `h`Y`]bhYfbg\]d`"

H\Y`]bhYfbg\]d`fYei ]fYg`U`hc]U`Wca`a`]h`a`YbhcZ`\$\$!%)`\$`\ci`fg`cZ`k`cf`\_k`]h`U`cgchcf[ Ub]gUhc]b`UbX`a`Um  
bcfa`U`mVY`hU`Yb`]b`Z]fgh`z`gYWcbX`cf`gi`a`a`Yf`gYa`YghYf`"b`h`Yfbg\]d`cddcfh`b]h]Yg`UfY`UXj`Yfh]gYX`j`]U`h`Y  
GW`cc`cZ`h`Y`5`f]g`UbX`A`YX]U`b`h`Yfbg\]d`B`Yk`g`YHx`f`"5`h`YfbU]h]`Y`mimci`a`UmUddfcUW`U`fY`Yj`Ubh  
cf[ Ub]gUhc]b`hc`Udd`mZcf`Ub`]bhYfbg\]d`"Df]cf`hc`gYY\_]b[ `Ub`]bhYfbg\]d`z`mci`g`ci`X`UHx`bX`Ub`]bhYfbg\]d`  
]bZ`fa`Uh]cb`gYgg]cb`fi`b`Vm`h`Y`GW`cc`cZ`h`Y`5`f]g`UbX`A`YX]U`"

Hc`VY`Y`][ ]VY`Zcf`h`g`Wci fgYz`mci `a`i`gh`Uj`Y`U`a`]b]a`i`a`K`5A`cZ`+`\$`"

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

%` \Uj`Y`[ U]bYX`YI`dYf]YbW`cZ]bXi`ghfmdfcW`ggYg`UbX`dfUW]W`g  
&`"Udd`mh`YcfYh]WU`WcbW`d]g`UbX`dfUW]WU`g\_]`g`[ U]bYX`]b`h`Y`dfc[ fUa`hc`fYU`!k`cfX`WcbhYI`hg  
'`" \Uj`Y`Yb`UbW`X`h`Y]f`WUdUW]mZcf]bXYdYbXYbhYb[U[ Ya`Ybhk`]h`]bXi`ghfmdfcj`]XYfg`"

HYUW]b[ `GhfUH`[ ]Yg`

H\]g`Wci fgY`\Ug`bc`Z`fa`U`h`YUW]b[ `Wca`dcbYbh`"


- 7ca d`Yh]cb`cZU`a ]b]a i a `cZ%\$\$`\ci fg`cZd`UW`a Ybh
- Gi Va ]gg]cbg`cZUggYgga YbhiUg\_g`%/`&`XYa cbghfU]b[ `U`gYf]ci g`U]hYa dhic`Ubkg Yf`hY`hUg\_ fYei ]fYa Yb]g
- Gi Va ]gg]cb`cZVch`h`hY`\cghiUbX`ghi XYbhZYXVUW`Zcfa g

Gi Va ]gg]cb`bchYg.HUg\_g`%UbX`&UfY`tc`VY`gi Va ]hYX`]b`U`g]b[ `Y`XcW`a Ybhitc`A`ccXY"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

H\YfY`UfY`bc`dfYgWf]VYX`fYgci fWg`Zcf`h\]g`Wci fgY"

F YWca a YbXYX`F Ygci fWg

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

K Y`fYgdcX`hc`ZYXVUW`fYWf]j YX`j ]U`X]fYWhYa U]`hc`h\Y`7ci fgY`7cbj Ybcf`UbX`h\Y`K`@| b]z`UbX`  
]bZcf`a Uh]cb`dfcj ]XYX`]b`h\Y`gh`XYbhUbX`\cghZYXVUW`Zcf`a`g"

K Y`\cdY`mci`Yb`emci`f`]bhYfbg\]d`

Gi Va ]gg]cb`cZ5ggYgga YbhHUg\_g

Gi Va ]gg]cb`cZ5ggYgga YbhHUg\_g

Hi fb]hb`Gi Va ]gg]cb

Ʒmci`YbWci`bhYf`U`dfcV`Ya`k`Yb`U`H`Ya`dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`h`fci`[`\`Hi`fb]hb`z`d`YUgY`  
H`Y`d`l`cb`Y`9I`H`fb`U`Gi`ddcfh`cb`-`,`)``%`cf`Ya`U]`h`Ya`cb`YI`H`fb`U`H`hgi`ddcfh`i`bgk`"YXi`"Ui`"Gi`ddcfh`  
`l`ci`fg`UfY`,`.\$\$Ua`-`%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`cb`k`YY`YbXg`fI`\*)`XUmg`U`m`Y`UfL`Ʒmci`  
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybh`Xi`Y`hc`U`Z`U`h`k`]h`Hi`fb]hb`mci`a`Um`Udd`m`Z`f`Ub`YI`H`bg]cb`z`Vi`hmc`i`  
a`i`gh`f`Y`h]b`mci`f`h]W`Y`hbi`a`VYf`Z`ca`9I`H`fb`U`Gi`ddcfh`f`U`cb[`k`]h`Ubmc`h`Y`f`Y`j`Ubh`Xc`W`a`Yb`hg`L`hc`  
]b`Wi`XY`Ug`Y`j`]XYb`W`hc`gi`ddcfh`mci`f`YI`H`bg]cb`Udd`]W`h]cb"Ʒmci`Ya`U]`9I`H`fb`U`Gi`ddcfh`mci`k`]`  
Ui`hca`U`h]W`m`f`Y`W`j`Y`U`h]W`Y`hbi`a`VYf`z`Vi`h]Z`mci`H`Y`d`l`cb`Y`mci`k`]`b`YYX`hc`gd`Y`W`Z`W`m`Ug`\_`Z`f`cb`Y`  
Hi`fb]hb`U`gc`d`fcj`]XYg`i`d`XU`H`g`cb`h`Y]f`gm`gh`Ya`g`h`U`h`g`cb`Hk`]h`Y`f`"

;`Yb`Y`f`U`m`z`Ugg`Y`gga`Ybh`h`Ug`\_`g`a`i`gh`V`Y`gi`Va`]h`Y`X`Y`Y`W`f`cb]W`m`j`]U`Y`]h`Y`f`Hi`fb]hb`cf`U`A`cc`X`Y`  
Ugg][`ba`Ybh`h`h`]bg`h`Ub`W`g`k`Y`f`Y`h`l`g`]g`b`ch`id`cgg]V`Y`z`]h`k`]`V`Y`g`h`U`H`X`cb`mci`f`W`ci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`  
U`h`fb`U`h]`Y`gi`Va`]gg]cb`XY`h]`g`"

:`cf`]b`Z`c`fa`U`h]cb`cb`l`ck`hc`gi`Va`]h`Ugg][`ba`Ybh`g`cb`]b`Y`j`]U`A`cc`X`Y`.\`h`td`g`#`gh`XYb`h`i`bgk`"YXi`"Ui`#`ack`!  
gi`Va`]h`Ugg][`ba`Ybh`a`cc`X`Y`"

## 5 WUXYa ]W<c bYghmiUbX 'D`U[ ]Uf]ga

D`U[ ]Uf]ga ]g'i g]b[ 'hY'k cfXg'cf]XYUg'cZchYfg'UbX'dfYgYbh]b[ 'hYa 'Ug'mci f'ck b" #WUb'hU\_Y'a Ubm  
Zcfa gZ'Zca 'XY'jVYfUHy'WXYU]b[ 'hc'UWVXYbU'mW'cdm]b[ 'Zca 'U'gci fW'k ]h'ci hUW\_bck 'YX[ Ya Ybh'

I BGK '[ fci dg'd`U[ ]Uf]ga ]bhc'hY'Zc`ck ]b[ 'WUHY[ cf]Yg.

7cdm]b[ .i g]b[ 'hY'gUa Y'cf'j Yfmg]a ]Uf'k cfXg'hc'hY'cf][ ]bU'hYI hcf'jXYU'k ]h'ci hUW\_bck 'YX[ ]b[ 'hY  
gci fW'cf'i g]b[ 'ei chU]cb'a Uf\_g" 'H\]g'U'gc'Udd'jYg'hc'ja U[ YgZ'UfhUbX'XYg][ b'dfc'YWgZ'Ug'k Y''Ug  
dfYgYbU]cbg'k \YfY'gca YcbY'dfYgYb]g'UbchYf'g'jXYUg'cf'k cfXg'k ]h'ci hW'YX]h'

#Uddfcdf]UHY'dUfUd\fUg]b[ .7\Ub[ ]b[ 'U'ZYk 'k cfXg'UbX'd\UgYg'k \]Y'a cghmiFYU]b]b[ 'hY'cf][ ]bU'  
ghfi W'fY'UbX'#f'dfc[ fYgg]cb'cZ]XYUg'cZ'hY'cf][ ]bU'Z'UbX'j]bZcfa U]cb'k ]h'ci hUW\_bck 'YX[ Ya Ybh' 'H\]g'U'gc  
Udd'jYg'j]b'dfYgYbU]cbg'k \YfY'gca YcbY'dUfUd\UgYg'UbchYf'g'jXYUg'cf'k cfXg'k ]h'ci hW'YX]h'UbX'hc



