



# ARTS3067

: ]a `Gh X]Yg` ðhYfbg\]d

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

GWXcc`cZHA Y`5ftg`UbX`A YXJU`..##`I`BGK`..5ftg`UbX`GcWJU`..GWYbWg

7 ci fgY`Cj Yfj JYk

`GHUZZ7cbhUW`i8YHUJ`g`

`7cbj Ybcfg`

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWUj`cb	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	
9a a U`>UbY	Ya a U"Uby4 i bgk "YXi "Ui	6mUddc]bha Ybh	%%) ž`@Yj Y`%ž F cVYfh K YVghYf	

GW\cc`7cbhUW`i8Zcfa 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]h: [\hdg #gUa "Ufng"i bgk "YXi "Ui](#)

H\Y`GW\cc`cZhY`5fng`UbX`A YX]U`k ci `X`\_]Y`hc`F YgdYWZ`m5W\_bck`YX[ Y`hY`HfUX]h]cbU`7 i ghcX]Ubgž`hY`6YXY[ U`fP`Ybg]b[ hc b`WJa di gŁž; UX][ U`f7 ]mUbX`5fhr`8Yg][ b`7 Ua di gYgŁ`UbX`hY`B [ i bbUk U`dYcd`Y`fBi ghfU]Ub`8YZYbVW` : cfVW`5WUXYa m]b`7 UbVYffUŁ`cZhY`UbXg`k \YfY`YUW`WJa di g`cZI`BGK`]g`cWUj`YX"

7ci fgY'8YHJ`g

7fYX]hDc]bqg`\*`

Gi a a UfmicZ\hY'7ci fgY

Gi VYWh5fYU.'8[^ EfgV[Mé

H\]g'Wci fgY'dfcj ]XYg'mci `k ]h`Ub'cddcfh b]mhc`i bXYftU\_Y`k cf\_]bH[ fUHx`YUfb]b[ `UbX'[ U]b`]bXi gHfm  
YI dYf]YbW`k ]h`U`cghcf[ Ub]gUH]cb`WcgY`mfY`UHx`hc`mci f`A U`cf`]b`:]a`Gh X]Yg`"≠YU`mž`mci `k ]`  
i bXYftU\_Y`Ub`]bHfbg\]d`UZYf`mci `Uj Y`Wca d`YHX`%)`mYUfg`cZz`"!h]a Y`gh Xmifcf`Yei ]j U`YbH`UbX  
Wca d`YHX`U`a ]b]a i a`cZ%`I C 7`]b`hY`A U`cf`5h`hY`YbX`cZ\hY`]bHfbg\]d`mci `k ]`d`fcj ]XY`U`gi a a Uhj Y  
fYdcfhcZmci f`YI dYf]YbW`g`UbX`k cf`\_YI Ua d`Yg`Wca d`YHX`Xi f]b[ `hY`]bHfbg\]d"

## 5ggYgga Ybh

H\]g'gi VYWi]g'i b[ fUXYX'gc'U'dUgg' ]g'XYdYbXYbhcb'GUh]gZUWc'fmfGMŁ'cf'I' bgU]gZUWc'fmfI' @Ł]b'a YYh]b[  
hY'Wci fgY'fYei ]fYa Ybhg''5b'GM[ fUXY'k ]''bchUZYWmci f'k Y][ \hYX'Uj YfU[ Y'a Uf\_'fK 5A Ł'Vi hU': @[ fUXY  
k ]''

7ci fgY'fYei ]fYa Ybhg']bWl XY.




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`Y`Ug`Y`  
H`Y`d`l`cb`Y`9I`H`f`b`U`Gi`ddcfh`cb`-`,`)`'`'`'`%`cf`Ya`U]`h`Ya`cb`YI`H`f`b`U`H`f`gi`ddcfh`4`i`bgk`"YXi`"Ui`"Gi`ddcfh`  
`l`ci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`i`.\$\$da`cb`k`YY`YbXg`f`l`\*)`XUmg`U`m`Y`Uf`l`"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`f`bg]cb`z`Vi`hmc`i`  
a`i`gh`f`Y`h]b`mci`f`h]W`Y`h`bi`a`VY`f`Z`ca`9I`H`f`b`U`Gi`ddcfh`f`U`cb[`k`]h`Ub`m`c`h`Y`f`f`Y`j`Ub`h`X`c`W`a`Y`b`h`g`l`hc`  
]b`W`i`X`Y`U`g`Y`j`]X`Y`b`W`hc`gi`ddcfh`mci`f`YI`H`f`bg]cb`Udd`]W`h]cb"Ʒmci`Ya`U]`9I`H`f`b`U`Gi`ddcfh`mci`k`]`  
Ui`hc`a`U`h]W`m`f`Y`W`]j`Y`U`h]W`Y`h`bi`a`VY`f`z`Vi`h]Z`mci`H`Y`d`l`cb`Y`mci`k`]`b`Y`Y`X`hc`gd`Y`W`Z]W`m`U`g`\_`Z`f`cb`Y`  
Hi`fb]hb`U`gc`d`fc`j`]X`Y`g`i`d`X`U`H`Y`g`i`cb`h`Y`j`f`g`m`g`h`Ya`g`h`U`h`g`i`cb`H`k`]h`Y`f`"

;`Yb`Y`f`U`m`z`Ugg`Y`gga`Y`bh`h`U`g`\_`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`Y`bh`h`b`]b`g`h`U`b`W`g`k`Y`f`Y`h`l`g`]g`b`c`h`i`d`c`g`g]V`Y`z`]h`k`]`V`Y`g`h`U`H`X`i`cb`mci`f`W`ci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`  
U`h`f`b`U`h]j`Y`gi`Va`]gg]cb`X`Y`h]g`"

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





5 WXYa ]WbZcfa Uhcb`

: cfYggYbhU`ghi XYbh]bZcfa Uhcb`fY`Uh]b[ `rc.