



## ARTS4268

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

HYfa `Cby`#`&\$&%

7ci fgY`Cj Yfj ]Yk

GhJZZ'7cbhJWWh'8YhU]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cWWhcb	D\cbY
; YcZFYm6fU\la @Yj Ym	[ "Yj Ym4 i bgk "YXi "Ui	VmYa U]`WcbhJWWh	A 6`% +	- ' , ) % +*

GW\cc``7cbhJWWh`bZcfa Uh]cb

GW\cc``cZGcWU`GWYbWg

Fcca`%) -

Acfj Yb'6fck b'7&\$

Ya U]`.gcgg4 i bgk "YXi "Ui

d\cbY.`\$&-' , )`% \$+

7ci fgY'8YHJ`g

7fYX]hDc]bng`\*`

Gi a a UfmicZ\hY'7ci fgY

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

H\]g:]g'U`WcfY`Wci fgY`Zcf`<cbci fg`WUbX]XUHYg`]b`hY`GVXcc`cZGcW]U`G`WYbW`g`UbX`hY`a`U]b`ZcW`g`k`]`VY`hY`ei`Ygh]cb`cZa`Y`h`cXc`c`[ m`9UVX`gYa`]bUf`k`]`cc`\_`UhX]ZZYfYbhUddfcUWX`Yg`h`c`fYgYUfWX`UW`cgg`hY`gi`V!`X]gW]d`]bYg`UbX`k`]`YI`d`cfY`k` \`Uhk`Y`a`][ \`hW`h`Y`'gc`k` \`Uh`cZU`dUfh]W`Uf`a`Y`h`cXc`c`[ m]g`UbU`m]WU`Yj`YfU[ Y`"K` \`mXc`hY`GcW]U`G`WYbW`g`VfYU`\_]bhc`a`mf]UXz`W`a`dYh]b[ `a`Y`h`cXc`c`[ ]Yg3`7`Ub`k`Y`XYgW]VY`ci`f`a`Y`h`cXc`c`[ ]Yg`Ug`gW]Yb]Z]W`UbX`]Zbch`h`Yb` \`ck`Xc`k`Y`VYghgYW`fY`U`bc]cb`cZUWWW`fUW]iUbX`i`gYz`bYgg3`<ck`XcYg`ci`fi`bXYfgh]UbX]b[ `cZy`]XYbW`UW]U`mWX`Ub[ Y`ci`f`fYgYUfWX`a`Y`h`cXg`Ug`k`Y`Ug`hY`ci`h`W`a`Yg`UbX`W`bW]g]cbg`h`Uhk`Y`a`][ \`hfYUWX`3

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

%`5dd`miW]h]W`h`]b\_]b[ `UbX`UbU`m]Wg\_]`g`&`9ZZ]W]j`Y`mXYd`cmU`dUfh]W`Uf`h`Ycfmcf`a`Y`h`cXc`c`[ ]WU`UddfcUWX`'`"8Yg][ b`UbX`gi`gh]b]Ub`Uf[ i`a`Yb]z`cf`dc]bhcZ] ]Yk`("`X`Yb]h]ZmiUbX`Udd`mi`hY`Y`h`]WU`f`Yei`]fYa`Ybng`UbX`fYgdcbg]V`]h]Yg`cZfYgYUfWX`Yfg

HYUWX`]b[ `GhfUH`[ ]Yg`

GYa`]bUfg`k`]`VY`W`bXi`W`YX`Vm`hY`W`c`fX]bU`h`f`k`]h`]bdi`hZ`ca`c`h`Y`f`gdYW]U`]gh`hY`UWX`]b[ `ghUZZ`h`c`[ i`]XY`gh`XYbng`h`fci`[ \`h`Y`d`fcW`gg`cZ`W`bXi`W]b[ `fYgYUfWX`U`h`c`bci`fg`Yj`Y`z`k`cf\_]b[ `k`]h`U`gi`dYfj`]gcf`UbX`d`Ubb]b[ `UbX`YI`YW`h]b[ `Ub`]bXYdYbXYbhfYgYUfWX`d`fc`Y`W`

@]VfUfmfYgci`fW]g`Zcf`\`cbci`fg`gh`XYbng`k`]`VY`YI`d`U]bYX`Vm`hY`ci`hfYUWX`"]VfUf]Ub`h`c`Ugg]ghgh`XYbng`k`]h`fYgYUfWX`]b[ `hY]f`hYg]g`h`cd]W`

GhfUH`[ ]Yg`Zcf`W`ccg]b[ `U`fYgYUfWX`h`cd]W`UbX`bUffck`]b[ `Xck`b`hY`g`W`dY`h`c`U`a`UbU[ YUV`Y`d`fc`Y`W`k`]`VY`k`cf`\_g`l`cddYX`k`]h`hY`Ugg]gh]UbW`cZgi`dYfj`]gcf]b`hY`GVXcc`UbX`fYW`bh`c`bci`fg`[ fUXi`UhYg"

5ggYgga Ybh


Uddfcd]Uhf`mfYZfYbWfX`]b`UWwcfXUbWf`k`]h`h`Y`E`UZaa`^aXE`aU[S^E`U[W`UW`D`W`W`U`Y`9`g[VW`]b`\_YX`  
VY`ck`z`k`]h`U`fYZfYbWf`]ghdfYgYbhfX`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`cZ`Yj`Yf`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`U`h`X`UfY`]b`h`Y`fi`Vf]W`Uj`U]UV`Y`cb`A`ccX`Y`"

Mci`a`i`ghgi`Va`]hirci`f`X]gW`gg]cb`dUdYf`hc`Hi`fb`h`b`]b`A`ccX`Y`Vmi`h`Y`Xi`Y`XU`h`Y`UbX`h]a`Y`]b`H`%`  
fk`\\]W`k`]"`VY`UXj`]gYX`]b`h`Y`W`i`fgY`a`U`h`f]U`L`"=k`]"`bchUW`Y`dhgi`Va`]gg]cbg`VmYa`U]"`"



F Ygci fWg

DfYgWfjVYX`F Ygci fWg`

K YY\_m]bgfi W]cbg`UbX`fYgci fWg`k ]`VY`Uj U]UV`Y`cb`A`ccX`Y"

F YWca a YbXYX`F Ygci fWg

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

Gi Va ]gg]cb`cZ5ggYgga YbhiHUg\_g

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

Ʒmci`YbWci bHYf`U`dfcV`Ya`k` \Yb`UH`Ya` dh]b[`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybhi`h`fci`[`\`Hi`fb]h]b`z`d`Y`Ug`Y`  
HY`Yd`l`cb`Y`9I`HY`fb`U`Gi`ddc`fh`cb`-`,`,)`````%`cf`Ya`U]`h`Ya`i`cb`YI`HY`fb`U`HY`hgi`ddc`fh`4`i`bgk`"YXi`"Ui`""`Gi`ddc`fh`  
l`ci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`i`cb`k`YY`\_XUmg`U`bX`-`.\$\$Ua`-`).\$\$da`i`cb`k`YY`\_YbXg`fI`\*)`XUmg`U`mY`UfI`"Ʒmci`  
UfY`i`bUV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybhi`Xi`Y`hc`U`Zi`h`k`]h`Hi`fb]h]b`mci`i`a`Um`Udd`m`Zc`f`Ub`YI`HY`bg]cb`z`Vi`hmc`i`  
a`i`gh`fY`hU]b`mci`f`h]W`Y`hbi`a`VY`f`Z`ca`9I`HY`fb`U`Gi`ddc`fh`f`U`cb[`k`]h`U`bmc`h`Y`f`fY`Yj`Ub`h`Xc`W`a`Y`b`hg`L`hc`  
]b`Wi`XY`Ug`Yj`]X`Y`b`W`hc`gi`ddc`fh`mci`f`YI`HY`bg]cb`Udd`]W`h]cb`"Ʒmci`Ya`U]`9I`HY`fb`U`Gi`ddc`fh`mci`k`]`  
Ui`hc`a`U`h]W`m`f`Y`W`j`Y`U`h]W`Y`hbi`a`VY`f`z`Vi`h]Z`mci`HY`Yd`l`cb`Y`mci`k`]`b`Y`Y`X`hc`gd`Y`W`Z]W`m`Ug`\_`Zc`f`cb`Y`"  
Hi`fb]h]b`U`gc`d`fcj`]X`Y`gi`d`X`U`h`g`i`cb`h`Y]f`g`mg`h`Ya`i`gh`U`h`g`i`cb`Hk`]h`Y`f`"

;`Yb`Y`f`U`m`z`Ugg`Y`gga`Yb`hi`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]h]b`c`f`U`A`cc`X`Y`  
Ugg][`ba`Yb`h`i`h`]b`g`h`U`b`W`g`k` \Y`fY`h`l`g`]g`b`ch`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`Y`fb`U`h]`Y`gi`Va`]gg]cb`X`Y`hU]`g`"

:`c`f`]b`Z`c`fa`U`h]`cb`i`cb`l`ck`hc`gi`Va`]h`Ugg][`ba`Yb`hg`i`cb`]b`Y`j`]U`A`cc`X`Y`.`h`h`d`g`#`gh`X`Y`b`h`i`bgk`"YXi`"Ui`#`ck`!  
gi`Va`]h`Ugg][`ba`Yb`h`a`cc`X`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]cbz`gYY