

## ARTS4249

H\Y`<i a Ub]hYgž'h\Yb`UbX`bck

HYfa`Cby`#`&\$&%

7ci fgY`Cj Yfj ]Yk

GHJZZ7cbhJW`i8YHJ]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]UV]]m	@cW]h]cb	D\cbY
<Y]_]`=Ä\Y]a c	\"]_U\Y]a c4 i bgk "YXi "Ui	C b`Uddc]bħa Ybh	A 6' &%	- ' , ) &' +'

GWXcc``7cbhJW`i`bZcfa Uh]cb

GWXcc``cZ<i a Ub]h]Yg`UbX`@Jb[ i U[ Yg

@cW]h]cb. `GWXcc``C Z]W]žA cfj Yb`6fck b`6i ]X]b[ ž@Yj Y``&ž&),

C dYb]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]bhr`\*`

Gi a a UfmicZ\hY'7ci fgY

BchY. H\]g:]g'U'%&! C 7 'Wci fgY"'Mci 'k ]''Ybfc''j'b '\* 'l C 7 ]b'YUWX'cZtk c'gi WWWgg] Y'h'fa g'k ]h'U'fYgi 'h fYdcfYX'VmU'g]b[ 'Y[ fUXY'Uh'hY'YbX'cZ\hY'gYWcbX'\* 'l C 7 'Wci fgY"

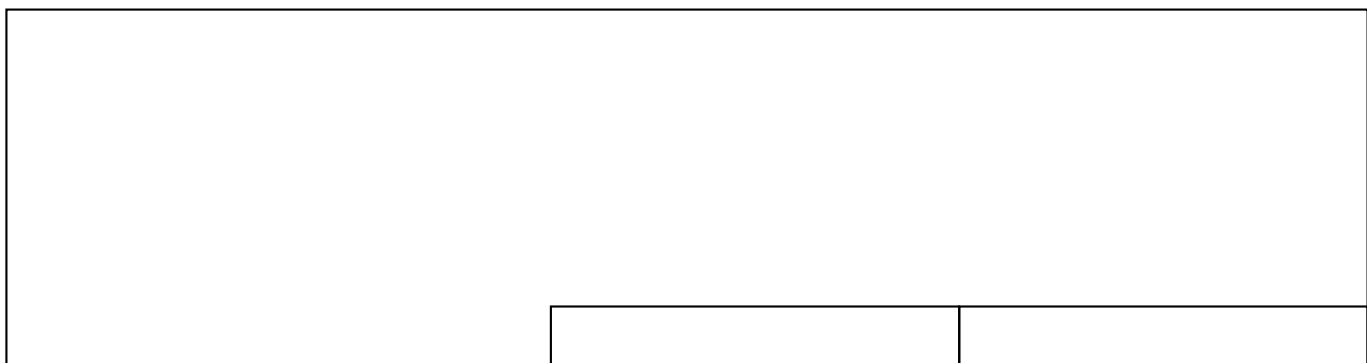
H\]g:]g'U'WcfY'Wci fgY'Zcf'gh'XYbhr'Ybfc''YX']b'<cbci fg']b'h'Y'GWXcc''cZ<i a Ub]h]Yg'UbX'@Ub[ i U[ Yg''H\]g Wci fgY'U]a g'hc'Yei ]d'mci ž'Ug'Ub'UXj UbW'X'gh'XYbh]b'U'X]gW]d']bY'fYdfYgYb'h'X']b'h'Y'GWXcc''cZ <i a Ub]h]Yg'UbX'@Ub[ i U[ Ygž'k ]h'bYk 'g\_]''g'hc' i bXYfghUbX'mci f'X]gW]d']bY']b'U'k ]XYf'fUb[ Y'cZXYVU'h'g']b \i a Ub]h]Yg'UbX'fY'Uh'X'U'fY'U'gh'X]Yg"'Mci 'k ]''VY'Yl d'cgYX'hc'gca Y'cZ\hY''YUX]b[ ]ggi Ygž'XYVU'h'g'UbX ]XYUg'h'Uh'W'cgg'X]gW]d']bY'Vci bXU'f]Yg']b'\i a Ub]h]Yg'UbX'U'fY'U'gh'X]Yg''': c''ck ]b[ 'h'U'h'ž'mci 'k ]'' [ U]b X]gW]d']bU'f'mXYd'h'h'fci [ \ 'ZcW'gYX'fYUX]b[ 'UbX'gh'Xn'

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

- % 5bU'mgY'X]ZYfYbhYd]ghYa c'c[ ]W'UbX'W'hi fU'f'fUX]h]cbg'k ]h]b'h'Y'<i a Ub]h]Yg'UbX'h'Y]f']bZi YbW'cb'h'Y'k ]XYf'k'cfX"
- &" 9j U'i Uh'W'X'Ub[ ]b[ 'dYfgdYW]j Yg']b'h'Y'\]g'hc'fmcZU'gdYW]Z]WX]gW]d']bY'UbX'g]h'Uh'h'Y'a ]b'fY'Uh]cb hc'V'fcUXYf'XYj Y'cda Ybhr']b'h'Y'<i a Ub]h]Yg"
- ' " 7ca a i b]W]h'Y'ZYW]j Y'mUbX'd'fYgYbhk'cf\_]b'U'a UbbYf'h'Uh'W'cbZ'cfa g'hc'g'W'c'U'f'm'W'cbj Ybh]cbg UbX'gi V'Y'W'h[ i ]XY']bYg"

HYUWX]b[ 'GhfUH[ ]Yg'

H\Y'Wci fgY'k ]''VY'h'Uj [ \h]b'h'Y'Z]fghk YY\_g'h'fci [ \ 'U''Uf[ Y'gYa ]bU'f'Zcf'h'Y'Yb]h]fY'g'W'Xcc''W'c'f'h'Y'X'VmU'g]b[ 'Y'W'cbj Yb'cf''H\]g'k ]''VY'Zc''ck YX']b'U'h'f'k YY\_g'VmX]gW]d']bU'f'm'fYUX]b[ 'gYa ]bU'f'g''H\Y'Wca V]bU'h]cb k ]''d'fcj ]XY'Zcf'h'Y'XYj Y'cda YbhcZ]b'h'f'X]gW]d']bU'f'm'X]U'c[ i Y'U'W'cgg'W'c[ bU'h'X]gW]d']bYg'UbX'bY'h'k'cf\_gž hc[ Y'h'Y'f'k ]h'h'Y'Yl d'c'f'U'h]cb'cZ'X]gW]d']bY]gdYW]Z]W'h'Y'c'f'Y'h]W'Z'cfa i 'U'h]cbg'UbX']ggi Yg"





5 HbXUbW F Yei JfYa Ybhg

D YUgY bch hUh YWfi fY fWcfX]b[ g UfY bchUj U]UV Y Zcf h]g Wci fgY" Gh XYbhg UfY gfc b[ mYbWci fU[ YX hc UHbX U WUggYg UbX WcbhUWh hY 7 ci fgY 5i hcf]mhc a U\_Y UHf bUhj Y UffUb[ Ya Ybhg Zcf WUggYg a JggYX"

7 ci fgY GWYXi Y

[J Jk WUgg ha YhUVY](#)

Hja YhUVY

8UH	HmdY	7cbhYbh
K YY_% %) : YVfi Ufm! %- : YVfi Ufm	GYa JbUf	? BCK @98; 9 5B8 F 9@5H= GA g U` fci h fY Uhj Y hc U dYfgdYWj Y Zcf UfY gca Y j JYk g` fci Y` cf ZU` gY` ]bXYdYbXYbh m cZdYfgdYWj Yg3  G]a cb` 6` UW_Vi fb. ff Y` Uhj Y` mgdYU_]b[ fY  GhYd\Yb` @Jk . f]g` ]hU` fY` Uhj Y fi  fH\YgY` UbX` U` c hYf` fYUX]b[ g` Zcf` h]g` Wci` fgY` k` ]` VY` X]gW` ggYX` ]b` WUggZ` UbX` dUff]WdUhc b` ]b` WUgg` fYei` ]fYg` hUhrci` \Uj Y` fYUX` hY` hY` hg` Zcf` hY` [ ] Yb` k` YY` _` VY` Zcf` fY` hY` WUgg` "C b` U` [ ] j Yb` k` YY` _` hY` fY` a` UmU` gc` VY` U` j` ]XYc` hc` k` UH` W` cf` U` dc` XW]ghhc` " ]ghYbZ` UbX` mci` UfY` YI` dY` W` X` hc` \Uj Y` XcbY` hUhVY` Zcf` fY` hY` WUgg` "L
K YY_&. &&: YVfi Ufm!`&* : YVfi Ufm	GYa JbUf	? BCK @98; 9 5B8 H<9 I B= 9F G#H=9G. H<9 <I A 6C @8H=5B` A C 89@  K \UhUfY` hY` i` b]j Yfg]h]Yg` Zcf` ]b` hY` Z]fghid` UW 3 5` "cc_` ]bhc` hY` ]bZi` Ybh]U` <i a Vc` Xh]Ub` Ubgk` Yf`"  K ]\Y` a` <i a Vc` Xh` f` b` ; Yfa` Ubmfj` 9Xi` W]h]cbU` Gmg]Ya` fi/  F` "8` "5bXYfgcb. fi Yfa` UbmUbX` hY` <i a Vc` Xh]Ub` A cXY` fi
K YY_` .` %A UfW` !` ) A UfW	GYa JbUf	98I 75H=C B` 5B8` 89A C 7F 57 M  >c\b` 8Yk` Ym` 6` W_` aUdSuk` S` V` 7VgUSf[a` z7` \UdhYf` + /  A Uf` h` U` B` i` ggVUi` a` .` @af` 8ad` B` da` Xf` ZI` Zk` 6` W_` aUdSuk` @W` W` e` fZ` W: ` g_` S` [f]W` e` z7` \UdhYf` &  Z` B` c` Ua` ` 7` \ca` g_` mfj` ` YWfi` fY` U` h` hY` I` b]j` Yfg]m` cZ` H` c` f` c` b` h` c` z` 5` d` f]` ` &\$` %` %` "5` W` X` Y` a` ]W: ` fY` X` c` a` ` UbX` hY`

		7 cfdcfUhhUhc'b'cZI bJ YfgJhYg' fNhdg.## k k "mci hi V Y"Vta #k UHVX3j 1E - +h me<J @gt
K YY_(.; 'A UfVX !`%& A UfVX		

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

ƒZfa Uhcb`UVci hñY`Wci fgY`fYUX]b[ g`k ]`VY`Uj U]UV`Y`cb`A ccX`Y"

F YWca a YbXYX`F Ygci fWg

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

Gh XYbhZYXVUW`k ]`VY`[ UhYfYX`h`fci [ \ ]bZfa U`dYfgcbU`ZYXVUW`UbX`hñY`Ubcbma ci g`cb`]bY  
a m9l dYf]YbW`gmghYa "i`k ]`VY`i h`]nYX`]b`XYj Y`cd]b[ `hñY`Zi h`fY`]h`fUh]cbg`cZh`]g`Wci fgY"



Gi Va ]gg]cb`cZ5ggYgga YbhiHUg\_g

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

≠mci`YbWci bHYf`U`dfcV`Ya`k` \Yb`UHfYa` 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`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`Zji`hk`]h`Hi`fb]h]b`mci`a`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`]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`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`]XYgi`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`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`\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.

- 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