



# ARTS2096

A YX]U'F ][ \hgž'A YX]U'K fcb[ g

HYfa 'H\fYY''##'&\$&\$

7 ci fgY`Cj Yfj ]Yk

GHJZZ`7 cbHJW`8 YHJ]`g

7 cbj Ybcfg

B Ua Y	9a Uj`	5j Uj`UVj]m	@cWJhcb	D\cbY
HUb`U`8 fY\Yf	H`XFY\Yf4 i bgk "YXi "Ui	H\i fgXUmj`%\$`!`%&` cf`VmUddc]bha Ybh	F cVYfh K YVghYfz`@Yj Y` '`zF cca "`%G	

GWcc`7 cbHJW`bZcfa Uhjcb

GWcc`cZHY`5fmg`UbX`A YXJU

F cca "`%&ž`@Yj Y`` žF cVYfhK YVghYf`6i ]X]b[ `fj`%(`

D\cbY.`f\$&Ł`-`,`,) `(,`)\*

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

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

H\Y`GWcc`cZHY`5fmg`UbX`A YXJU`k ci`X`\_Y`hc`F YgdYWZ`m5W\_bck`YX[ Y`hY`HfUX]hcbU`7 i gtcX]Ubgž`hY`6YXY[ U`fP`Ybg]b[ hc b`WJa di gŁž; UX][ U`f7 ]mUbX`5fhi`8 Yg][ b`7 Ua di gYgŁ`UbX`hY`B [ i bbUk U`dYcd`Y`f5i ghfU]Ub`8 YZybWV: cfW`5WUXYa m]b`7 UbVYffUŁ`cZHY`UbXg;k`YfY`YUWX`WJa di g`cZI`BGK`]g`cWJhYX"



# 5ggYgga Ybh

## 5ggYgga YbhHUg\_g

5ggYgga YbhHUg_	K Y][ \h	8i Y'8UH	Gh XYbh@YUfb]b[ Ci hWta Yg'5ggYggYX
7ca a YbhUfmicb'U'k YY_m hcd]W	' \$i	( 'g\cfhWta a YbhUf]Yg'cb' ( 'cZ hY'k YY_mhcd]Wg'Xi f]b[ K YY_g" '!'%\$	%z&
DcghYf'	&\$i	%dcghYf'cb'%cZhY'k YY_m hcd]Wg'Xi f]b[ 'K YY_g" '!'%\$	%z&
A U'cf'9ggUmi	) \$i	&' #%%#&\$&\$') .\$\$'DA	%z&

## 5ggYgga Ybh8YhU]`g

5ggYgga Ybh% '7ca a YbhUfmicb'U'k YY\_mhcd]W

GHUfhXUH. ( 'g\cfhWta a YbhUf]Yg'cb' ( 'cZhY'k YY\_mhcd]Wg'Xi f]b[ 'K YY\_g" '!'%\$

@Yb[ h. ( ' ' ) \$\$!k cfX'Wta a YbhUf]Yg

8YhU]`g.

&\$!dYfWbh

( ' ' ) \$\$!k cfX'Wta a YbhUf]Yg''

Gh XYbtk'k ]`dfcXi W'g\cfhWta a YbhUf]Yg]b'fYgdcbgY'hc'dcghYfg'dfYdUfYX'VmihY]f'dYYfg"

: YXXVUW\_j ]U'hY'Wci fgY '@A G"

5XX]h]cbU'XYhU]`g.

: i f\Yf'XYhU]`g'cb'h]g'Ugg][ ba Ybhk ]`VY'Uj U]UV'Y ]b'A ccXY

Hi fb]hb'gYhb[ . H\]g'Ugg][ ba Ybh]g'gi Va ]hX'h'fci [ \ Hi fb]hb'UbX'gh XYbtk'Xc'bchgYY'Hi fb]hb  
g]a ]Uf]mifYdcftr"

5ggYgga Ybh&. 'DcghYf'

GHUfhXUH. '%dcghYf'cb'%cZhY'k YY\_mhcd]Wg'Xi f]b[ 'K YY\_g" '!'%\$

@Yb[ h. '5' 'DcghYf'

8YhU]`g.

' \$!dYfWbh

Gh XYbhtg'k ]`dfcXi W'U'dcghYf'cb'cbY'cZHY'k YY\_'mhc'd]Wg'fY'Uhb[ 'hc'a YX]U'Yh]Wg'zgcW]U'↑gh]W'UbX  
\\i a Ub'f][ \hg"

: YYXVUW\_j ]U'hY'Wci fgY '@A G"

5XX]h]cbU'XYhU]`g.

: i fhYf'XYhU]`g'cb'h]g'Ugg][ ba Ybhk ]`VY'Uj U]UV'Y ]b'A ccX'Y

Hi fb]hb'gYh]b[ . H\]g'g'bchU'Hi fb]hb'Ugg][ ba Ybh

5ggYgga Ybh' . A U'cf'9ggUm

GhUfhXUHY . Bch5dd']WV'Y

@Yb[ h. '&) \$\$

8YhU]`g.

) \$!dYfWbh

&) \$\$'k cfXg"

Gh XYbhtg'k ]`dfYdUFY'Ub'YggUm'fY'Uhb[ 'hc'a YX]U'Yh]Wg'zgcW]U'↑gh]W'UbX'\\i a Ub'f][ \hg

: YYXVUW\_j ]U'hY'Wci fgY '@A G"

H\]g'g'hY'ZbU'UggYgga Ybh'Ug\_"

5XX]h]cbU'XYhU]`g.

: i fhYf'XYhU]`g'cb'h]g'Ugg][ ba Ybhk ]`VY'Uj U]UV'Y ]b'A ccX'Y

Hi fb]hb'gYh]b[ . H\]g'Ugg][ ba Ybh]g'gi Va ]hYX'h'fci [ \ 'Hi fb]hb'UbX'ghi XYbhtg'WUb'gYY'Hi fb]hb'g]a ]Uf]hm  
fYdcftg"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

DfYgWf]VYX`fYgci fWg`k ]`VY`a UXY`Uj U]UV`Y`j ]U`A ccX`Y`"DfYgWf]VYX`fYgci fWg`k ]` ]bWi XY`gWc`Ufm`  
]hYfUhi fYz`Yi dYfhWca` a YbHf]Ygž`dcXWUghg`UbX`j ]XYcg`"

F YWca` a YbXYX`F Ygci fWg

F YWca` a YbXYX`fYgci fWg`k ]`VY`a UXY`Uj U]UV`Y`j ]U`A ccX`Y`"F YWca` a YbXYX`fYgci fWg`k ]` ]bWi XY`  
gWc`Ufm`]hYfUhi fYz`Yi dYfhWca` a YbHf]Ygž`dcXWUghg`UbX`j ]XYcg`"

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

Øf]YZmci h]bY`ck`gh`XYbhZYXVUW`fVch`Zcfa`U`UbX`]bZcfa`U`E`cb`hY`Wci`fgY`k ]`VY`[ UhYfYXz`ck`]h`  
k ]`VY`UbU`mgYX`UbX`ck`]hk ]`VY`UWYX`i`dcb`hc`]a`dfcj`Y`hY`gh`XYbh`YUfb]b[ `Yi`dYf]YbW`":`cf`Yi`Ua`d`Yz`



## 5 WUXYa ]W< cbYgmiUbX`D`U[ ]Uf]ga

D`U[ ]Uf]ga ]g`i]b[ `hY`k cfXg`cf]XYUg`cZc`hYfg`UbX`dFYgYb]b[ `hYa`Ug`mci`f`ck`b" #WUb`hU`Y`a`Ubm`Z`fa`g`Z`ca`XY`]VYfUHY`WX`YU]b[ `hc`UW]XYb]U`m`W`dm]b[ `Z`ca`U`gci`f`W`k`]h`ci`hUW`bck`YX[ Ya`Yb]`

I`BGK`[`fci`dg`d`U[ ]Uf]ga`]b`hc`h`Y`Z`c`ck`]b[ `W]hY[`cf]Yg.

7`cdm]b[ `i`g]b[ `h`Y`g`Ua`Y`cf`j`Y`fm]g]a`]U`f`k`cf`Xg`hc`h`Y`cf][`]b`U`h`I`h`cf`]X`Y`U`k`]h`ci`hUW`bck`YX[ ]b[ `h`Y`g`ci`f`W`cf`i`g]b[ `ei`c`h`U]cb`a`U`f`\_g`"H`]g`U`gc`U`dd`]Yg`hc`]a`U[`Yg`Z`U`f`h`UbX`XYg][`b`d`fc`Y`W`g`Z`Ug`k`Y`U`g`d`f`Yg`Y`b`h`U]cb`g`k`Y`f`Y`g`ca`Y`cb`Y`d`f`Yg`Y`b`h`U`b`c`h`Y`f`g`]X`Y`U`g`c`f`k`cf`Xg`k`]h`ci`h`W`Y`X`]`

#U`dd`f`c`d`f]U`hY`d`U`f`U`d`f`U`g]b[ `7`U`b[ ]b[ `U`Z`k`k`cf`Xg`UbX`d`f`U`g`Y`g`k`Y`a`c`g`h`m`f`Y`h]b]b[ `h`Y`cf][`]b`U`g`h`f`i`W`f`Y`UbX`#`c`f`d`f`c[`f`Y`g`g]c`b`c`Z]X`Y`U`g`c`Z`h`Y`cf][`]b`U`Z`UbX`]b`Z`ca`U`h]c`b`k`]h`ci`hUW`bck`YX[ Ya`Yb]`H`]g`U`gc`U`dd`]Yg`]b`d`f`Yg`Y`b`h`U]cb`g`k`Y`f`Y`g`ca`Y`cb`Y`d`U`f`U`d`f`U`g`Y`g`U`b`c`h`Y`f`g`]X`Y`U`g`c`f`k`cf`Xg`k`]h`ci`h`W`Y`X`]h`UbX`hc`d]Y`W]b[ `hc[`Y`h`Y`f`ei`c`h`Y`g`UbX`d`U`f`U`d`f`U`g`Y`g`]b`hc`U`b`Y`k`k`c`Y`Z`k`]h`ci`hU`dd`f`c`d`f]U`hY`f`Y`Z`f`Y`b`W]b[ "

7`c`i`g]c`b.`k`cf\_]b[ `k`]h`c`h`Y`fg`Vi`hd`U`g]b[ `c`Z`h`Y`k`cf\_]U`g`U`d`Y`fg`cb`g`]b`X`]j`Xi`U`k`cf\_]7`c`i`g]c`b`U`gc`]b`Wi`X`Y`g`d`f`c`j`X]b[ `mci`f`k`cf\_]hc`U`b`c`h`Y`f`g`h`i`X`Y`b`h`V`Y`Z`c`f`h`Y`Xi`Y`X`U`h`Z`c`f`Z`c`f`h`Y`di`f`d`c`g`Y`c`Z`h`Ya`d`U[ ]Uf]g]b[ `U`h`U`b`m`h]a`Y`Z`d`U`m]b[ `U`b`c`h`Y`f`d`Y`fg`cb`hc`d`Y`f`Z`ca`U`b`U`W`X`Ya`]W`h`U`g`\_`Z`g`h`U`]b[ `c`f`U`W`i`]f]b[ `U`b`c`h`Y`f`d`Y`fg`cb`g`]U`W`X`Ya`]W`k`cf\_]U`b`X`W`c`d`m]b[ ]h`Z`Z`Y`f]b[ `hc`W`c`a`d`Y`h`U`b`c`h`Y`f`d`Y`fg`cb`g`k`cf\_]c`f`g`Y`Y\_]b[ `d`U`ma`Y`b`h`Z`c`W`c`a`d`Y`h]b[ `U`W`X`Ya`]W`k`cf\_"]

#U`dd`f`c`d`f]U`hY`W]h`U]cb.`7`]h]b[ `gci`f`W`g`k`k`]W`k`U`j`Y`b`c`h`V`Y`Y`b`f`Y`U`X`Z`k`]h`ci`hUW`bck`YX[ ]b[ `h`Y`g`Y`W`c`b`X`U`f`m`g`ci`f`W`Z`ca`k`k`]W`k`\_`bck`YX[ Y`c`Z`h`Ya`U`g`V`Y`Y`b`c`V`h]b`Y`X"





## 5 WUXYa ]W=Zcfa Uh]cb

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

- fYei Ygth]Zcf`YI H`bg]cb/
- `Uh`gi Va ]gg]cbg[ [ i ]XY`]bYg/
- fYj ]Yk `cZa Uf\_g/
- I BGK `<YU`h`UbX`GUZY`mdc`]WYg/
- YI Ua ]bUh]cb`dfcW`Xi fYg/
-