



ARTS5505

DYfgcbU`gYX'9b[`]g\ `@Ub[i U[Y'9b\UbW@a Ybh

HYfa `Cby`#`&\$&%

7 ci fgY`Cj Yfj]Yk

GHJZ`7cbHJW`8YHJ]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
@cb[`@]	`cb[``]4 i bgk "YXi "Ui	K YXbYgXUmj" !(da	C b`Ncca	

7ci fgY'8YHJ]`g

7fYX]hDc]bHg '*`

Gi a a UfmicZ'h\Y'7ci fgY

H\]g'Wci fgY'k]''\Y'd'mci 'hc'Yb\UbW'f'mci f'9b[']g\ 'Ub[i U[Y'g_]`g]Zmci 'gdYU_'9b[']g\ 'Ug'U'gYWcbX
'Ub[i U[Y''`# 'UXX]h]cbz'h]g'Wci fgY'dfcj]XYg'mci 'k]h'h\Y'g_]`g'hc'VY'Ub'Ui'hc'bcacig'UbX'j]bXYdYbXYbh
'YUfbYf'gc'h\Uhmci 'Wb'Wcb]bi Y'hc'Yb\UbW'f'mci f'9b[']g\ 'Ub[i U[Y'g_]`g]bhc'h\Y'Z'hi'fY'hc'UWX]Yj'Y'mci f
UW]XYa]WUbX'dfcZ]gg]cbU' [cU'g''Mci 'k]'']XYbh]Zmk \]W'UgdYW'f'g]cZmci f'9b[']g\ 'mci 'k ci 'X']_Y'hc
]a' d'fcj Y'UbX'h\Yb'XYg][b'UbX']a' d'Ya Ybh'mci f'ck b'dYfgcbU'dfc'YW'hc'UW'W'a' d']g\ 'mci f' [cU'g''

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

5ggYgga Ybh

5bmfYZfYbW]b['gmgYa 'gi WX'Ug'5D5 'jg'UWWdHUV'Y'b'h.]g'Wt'i fgY'Ug'`cb['Ug']h]g'Wt'bg]ghYbhmUdd']YX.
WXYW_'I B GK 'Gi ddcfhZcf'F YZfYbW]b['5gg][ba Ybhg: [\hdg.#gh.XYbhi.bgk"YXi."Ui.#YZfYbW\]b\[](#)

Gh XYbhg'Wb'UWW'gg'dfYj]ci g'gh XYbhgJa d'Yg'cb' C dYb@YUfb]b[""

5ggYgga YbhHUg_g

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH'	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
DYfgcbU'dfc'YW'XYg][b fDD8t'			

Gh XYbHg'fYwWj Y'k f]hYb'ZYXVUW_`VUgYX'cb'fi Vf]Vg"

5XX]h]cbU`XYHJ]g.

H\Y`c[Vcc_`UbX`ei fbU`XcYg'bchbYXX'gi Va]gg]cb/fUH\Yfz]hk]`VY`UggYggYX`X]fYWhmicb`hY`Y!dcfhZ`]c
hUh'hY`gh XYbhVYUH'g`UbX`g\UfYg`k]h`hY`h'UWXYfg"

Hi fb]h]b`gYH]b[. H\]g]g`bchU`Hi fb]h]b`Ugg][ba Ybh

5ggYgga Ybh' . `CfU`DfYgYbH]h]cb`!`%\$`a]bi hYg

GHUfhXUH. `Bch5dd`]WUVY

8YHJ]g.

Gh XYbHg'dfYgYbh'hY]f`YUfb]b[`\[`\[`h]g`Zca `hY]f'dYfgcbU`dfc`YWhZcf`UVci h%\$`a]bi hYg`h`]bgd]fY
dYYfg`h`Wcb]bi Y`h`Yb\UbW`hY]f`Ub[i U[Y`g_]`g`Yj Yb`UZYf`Wca d`Yh]b[`hY`Wci fgY`"H\YmUFY`fYei]fYX`h`
gi Va]hUb`UVghfUWhfUVci h%) \$`k`cfXgE`UVci h`k`hUh'hYmUFY`[c]b[`h`dfYgYbhU`Wci d`Y`cZk`YY_g`VYZcfY`hY
dfYgYbH]h]cb`XUm`Gh XYbHg'fYwWj Y'k f]hYb'ZYXVUW_`Zca `h`h`f`cb`UVghfUWg`f%\$i `E`UbX`Zca`dYYfg`cb
dfYgYbH]h]cb`f%\$i `E`VUgYX'cb'fi Vf]Vg"

5XX]h]cbU`XYHJ]g.

H\Y`UVghfUWh]g`Xi Y`cb`Hi fb]h]b`Vm- Ua žA`cbXUm%&`5df]`fK`YY_`- E`"H\Y`dfYgYbH]h]cb`]g`dYYf`UggYggYX
UbX`Xi Y`]b`hY`WUgg`cZ`hY`Ughk`YY_`/`gh`XYbHg`k`c`a`]gg`hY`Z]bU`WUgg`k`]`a`]gg`h`]g`%\$i` `UggYgga`Ybh`

Hi fb]h]b`gYH]b[. H\]g]Ugg][ba Ybh]g`gi Va]hYX`h`fci [`h`Hi fb]h]b`UbX`gh XYbHg`WUb`gY`Y`Hi fb]h]b`g]a]Uf]hm
fYdcfng"

5ggYgga Ybh(. `F`YZYW]j`Y`YggUm

GHUfhXUH. `Bch5dd`]WUVY

F Ygci fWg

Gi Va]gg]cb`cZ5ggYgga YbhiHUg_g

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

≠mci`YbWci bHYf`U`dfcV`Ya`k` \Yb`UHYa` 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`U]`h`Ya`cb`YI`HYfbU`HY`hgi`ddcfh4`i`bgk`"YXi`"Ui`"Gi`ddcfh`
`lci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`cb`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`ZU`ihk`]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`U]`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`]XYg`i`dXUH`g`cb`h`Y]f`gmgh`Ya`g`hU`h`g`cb`Hk`]hYf`"

;`YbYfU`mz`UggYgga`YbhiHUg_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]b]bg]h]b]Wg`k` \YfY`h`lg`]g`bchdcgg]V`Yz`]hk`]`VY`ghUHYX`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`lck`hc`gi`Va`]hUgg][`ba`Ybhtg`cb]bY`j`]U`A`ccX`Y`.`h`hdg`#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]W=Zcfa Uh]cb

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

- fYei Ygth`Zc`YI H`bg]cb/
- `Uh`gi Va]gg]cbg`[i]XY`]bYg/