



## ARTS2092

; `cVU`A YXJU. `A Uf\_Yhgž: `ck g`UbX`7i `h fYg

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

7 ci fgY`Cj Yfj JYk

GHJZZ7cbhJW`8YHJ`g

7cbj Ybcfg

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWjhcb	D\cbY
GW`thiG\UbYf	g"g\UbYf4 i bgk "YXi "Ui	C b`]bY`j ]U`Ya Uj` UbX`A ccX`Y	gYY`A ccX`Y	B #5

Hi hcfj

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWjhcb	D\cbY
5mYg\U`< UgUb	UmYg\U`\UgUb4 i bgk "YXi "Ui	cb`]bY`j ]U`Ya Uj`UbX` A ccX`Y	]b`WUgg	B #5

GW`cc`7cbhJW`hZcfa Uh]cb

GW`cc`cZ`hY`5fng`UbX`A YX]U

F cca " %&ž@Yj Y`" žF cVYfhk YVghYf`6i ]X]b[ `f] %Ł

D\cbY. f\$&Ł- ' , ) '( , ) \*

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

K YVg]hY. [k k k "Ufng"i bgk "YXi "Ui #gUa](#)

H\Y`GW`cc`cZ`hY`5fng`UbX`A YX]U`k ci `X`\_]Y`h`F YgdYW`m`5W`bck`YX[ Y`hY`HfUX]hcbU`7 i g`hX]Ubgž  
hY`6YXY[ U`fP`Ybg]b[ hcb`WJa di gŁž; UX][ U`f7 ]mUbX`5fhi`8Yg][ b`7 Ua di gYgŁ`UbX`hY`B [ i bbUk U`  
dYcd`Y`fBi glfU]Ub`8YZZbW` : cfW`5WUXYa m]b`7 UbVYffUŁ`cZ`hY`UbXg`k \YfY`YUW`WJa di g`cZI`BGK`]g  
`cW]hY`X"

7 ci fgY'8YHJ`g

7 fYX]hDc]bHg '\*`

Gi a a UfmicZ\hY'7 ci fgY

fi `cVU`A YX]U. A Uf\_Yhgž: `ck g`UbX`7 i `hi fYgfZcW`gYg`cb`hY`fY`Uh`cbg`d`VYtk`YYb`a`YX]U`UbX  
[ `cVU`]gU]cb`"K`Y`k`]"`YI`Ua`]bY`hY`Y`g]c`fmcZ]bHf`fbU]cbU`"fUXY`Zck`g`]b`Ui`X]c]`]gi`U`[ `ccXg`UbX`gYfj`]W`g  
UbX`YI`d`cfY`ck`h`YgY`Uj`Y`W`Ub[ `YX`h`fci` [ `\"`[ `cVU`"fYbXg`hck`UfX`fY[ `]cbU`]gU]cbž`Vci`bHf`Zck`UbX`hY  
]bW`YUg]b[ `fU]bgbU]cbU`dfcXi`W]cb`UbX`X]g]f]Vi`h]cb`cZa`YX]U`"BYk`mYa`Yf[ `]b[ `Zcfa`g`cZW`hi`fY`UbX  
]XYbh]miVUgYX`cb`hY`YI`dYf]YbW`cZVc`ga`cdc`]fU]b]ga`ž`mVf]X]miUbX`X]UgdcfU`k`]"`VY`YI`Ua`]bYX`]b`XYHJ`]"`b  
fY`U]cb`h`c`a`YX]U`Zcfa`g`gi`W`Ug`h`Y`j`]g]cb`Zcfa`Uhg`UbX`XfUa`U`dfc[ `fUa`gž`bYtk`cf`\_YX`a`YX]Už`Z`a`UbX  
a`i`g]W`G`h`XYbHg`Vc`a`d`Y`h]b[ `h`]g`Vci`fgY`k`]"`fYW`j`Y`U`h`c`fci` [ `\"`[ `fci`bX]b[ `]b`hY`k`Uma`YX]U`Vc`bHf]Vi`h`h`c  
hY`]bHf]b]g]Z]W]h]cb`cZci`f`YI`dYf]YbW`cZ`hY`k`cf`X`Ug`U`k`c`Y`ž`k`\"`W`k`]"`dUj`Y`hY`k`Um`Zc`f`Z`f`h`Y`f`g`h`X`m]b  
]bHf`fbU]cbU`UbX`fU]bgbU]cbU`a`YX]U"

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

- %` ÆYbh]ZmiUbX`Udd`mi`YmVc`bW`dHg`UbX`h`Y`cf]Yg`k`\"`W`YI`d`U]b`hY`fY`U]cbg`d`VYtk`YYb`a`YX]U`UbX  
[ `cVU`]gU]cb
- &` 5WVci`bhZc`f`hY`fc`Y`[ `cVU`"a`YX]U`d`Um]g`]b`Zc`g`h`f]b[ `bYk`d`U`h`f`b`g`c`Z`W`h`i`f`Y`U`b`X`]X`Y`b`h`Z`W`h`c`b`ž`  
k`\"`W`U`f`Y`b`c`]`cb[ `Y`f`g`c`Y`m`V`U`g`Y`X`c`b`[ `Y`c`[ `f`U`d`\"`m`ž`UbX`]b`X`c`]b[ `g`c`U`d`d`f`Y`W`U`h`X`j`Y`f`g]miUa`cb[ `UbX  
k`]h`]b`W`h`i`fYg`"
- '`" `8]gW`gg`h`Y`V`U`Ub`W`V`Y`tk`YYb`h`Y`f]`c`V`U`f`U`b`X`h`Y`f`c`W`U`f]b`X`]Z`Y`f`Y`b`h`Z`c`f`a`g`c`Z`a`Y`X`]U`]b`f`Y`U`h`c`b`h`c`  
h`Y`V`c`b`h`i`h`c`Z`h`Y`f`d`f`c`X`i`W]cb`UbX`X]g]f]Vi`h]cb`"
- (`" ÆYbh]Zmi`Y`m`h`f`Y`b`X`g`UbX`d`U`h`f`b`g`]b`h`Y`Z`c`k`c`Z`U`i`X]c]j`]gi`U`[ `ccXg`UbX`gYfj`]W`g`UbX`Y`j`U`i`U`h`h`Y`  
]a`d`U`W`h`c`Z`U`h`Y`a`d`Hg`h`c`f`Y`[ `i`U`h`h`Y`a`"

HYUW]b[ `G`h`f`U`h`[ `]Yg`

F U]cbU`Y.




5XX]h]cbU`XYHJ]`g.

: cf`U`Z ``XYgW]dh]cb`cZ\]g`Ugg][ ba Ybhd`YUgY`Wcbgi `h\Y`5F HG&\$- &`7 ci fgY`A ccXY``H\]g`]g`U`[ fci d  
Ugg][ ba Ybh`

5 hYbXUbW F Yei ]fYa Ybhg

Gh XYbhg UfY ghfc b[ mYbWci fU[ YX hc UHhYbX U WUggYg UbX fYj ]Yk YWfi fY fYWcfX]b[ g

7 ci fgY GWYXi Y

[J Yk WUgg hja YhUVY](#)

Hja YhUVY

8UhY	HmdY	7cbhYbh
K YY_% " %A Um! (" >i bY	@YWh fY	I bXYfghUbX]b[ ; `cVU`nUh]cb`UbX`A`YX]U
	Hi hc f]U`	<p>hfc`hc`hY`WUgg/; `cVU`gUh]cb`UbX`hY`A`YX]U</p> <p>Hi hc f]U`g`UfY`U`W`UbW`Zcf`mci`hc`[`U]b`gca`Y`fYU`                      hja`Y`UbX`gdUW`Zcf`mci`hc`X]gW`ggZ`[`c`c]`Yf`UbX`Ug`                      ei`Ygh]cbg`UVci`hY`a`UHf]U`mci`UfY`VY]b[                      UggYggYX`cb`"B`Uh`fU`mz`]hg\ci`X`[`c`k`]h`ci`hgUm]b[`z`                      h`Ymk`j`g][`b]Z]W]bh]m]V]cc]gh]mci`f`W`UbW`g`c`Z`                      gi`W`gg`]b`h`Y`W`ci`fgY`"B`ch`UH`Y`b`X]b[`U`W`Ugg`]g`b`ch`                      Ub`YI`W`gY`Zcf`Z]j]b[`hc`_`bck`k`U`h`hc`Xc`cb`h`Y`                      UggYgga`Ybhg`"</p>
	F YUX]b[	<p>7 ci fgY F YUX]b[</p> <ul style="list-style-type: none"> <li>:`Yk`z`HYffmf&amp;\$%`E`";`cVU`nUh]cb`H`Y`cf]Yg`"                          h`A`cc`X`Y`</li> </ul>
K YY_&. + >i bY! %% >i bY	@YWh fY	Dc`]h]W`Y`W`bca`]W`Uddfc`UW`Yg`hc` ; `cVU`A`YX]U` UbX`h`Y`cf]Yg`c`Za`YX]U`XYdYbXYbWm
	Hi hc f]U`	HcXUmik`Yfi`X]gW`gg`h`Y`dc`]h]W`Y`W`bca`mc`Z`fi`c`VU` a`YX]Ufi`UbX`cc`_`Uh`W`UgY`gh`X]Yg`k` \]W`f]U]gY`[`c`VU` fY`[`i`U`hc`fmei`Ygh]cbg`]b`fY`U]cb`hc`h`Y`a`YX]U
	F YUX]b[	<p>7 ci fgY F YUX]b[</p> <ul style="list-style-type: none"> <li>5fmz`@`"7`UdhYf`".`Hf`Ubg]b`U]cb`U`A`YX]U`                          :`fca`5fmz`@`"9`a`TS^7`f`W`fS`[`_`W`f?`W`[S`                          3`5`df]US^`:`f`d`Vg`Uf]a`"K`Ygh`Gi`ggYI`Zi`?`z`                          K`]Ym6`UW`k`Y`z`&amp;\$%)`z`d`[`g`+`%`d`(`"</li> </ul>
K YY_" .%) >i bY! % >i bY	@YWh fY	7i`h`fU`"a`dYf]U]ga`UbX`8Y!K`YghYfb]nUh]cb.` 8cYg`h`Y`h`Y`cfm]c`Z`W`h`fU`]a`dYf]U]ga`gh`" Udd`m]hc`[`c`VU`a`YX]U`hc`XUm3
	Hi hc f]U`	Hi hc f]U`!`"g`W`h`fU`]a`dYf]U]ga`gh`"fY`Yj`Ub]hc`XUm3
	F YUX]b[	GdUf_gz`7`"f&\$%`E`";`cVU`A`YX]U`Gh`X]Yg.`#g

		8Yj Y'cda YbhUbX'8]Ya a Ug""? Ww[S! 5g'fgdWS' V EaU[Wk"" ) f!žd[ g"%%&% %"
K YY_(. :&%>i bY!'&) >i bY	@YWi fy	8]UgdcfU. 'A i 'h'cWU]m]b'U' [ 'cVU'k cf'X
	Hi hc]f]U'	Hi hc]f]U'!'A YX]U'UbX'Wca a i b]h]Yg'cZX]UgdcfU
	F YUX]b[	G]bWU]fž =UbX'7i bb]b[ \Ua žG" f&\$\$%ž' "8]UgdcfUg UbX'hY'A YX]U'": fca '8'aSf[ Y >[hWé, FZW? Ww[S S' V 3e[S' 6 [SebačSe"Ci žcfXžI ? žF ck Ub'UbX @]hYžY'Xg'Di V]g\Yfgždd" %!' \$'C B @MfB chhY Ybh]fY'WUdhYf!' Yi Wi XY'žca 'hY'fDi V]W Gd\Yf]W 'YgfigYW]cb'cbk UfXgž"
K YY_) :& , >i bY!'& >i 'm	@YWi fy	7cga cdc' ]hUb]ga . '5fy'k Y ]bWfYUg]b[ 'mW]h]nYbg cZhY'k cf'X3'
	Hi hc]f]U'	7cga cdc' ]hUb]ga '!'U'žca 'cZW 'h fU'Y]h]ga 'cf Y[ 'U]h]f]U' [ 'cVU'W] ]'gcW]Ymž
	F YUX]b[	J UbXY] ccfrž F " f&\$\$% ž' "A cfU' Wcga cdc' ]hUb]ga 'UbX hY'Yj YfmXUm]žY. \ck 'gh XYb]g'YbWc' i bhY'X]ghUbh chYfg""? Ww[S! 5g'fgdW' EaU[Wk'&\$\$% žJ c"" ( \$f&ž % ) -&%ž
K YY_*) :>i 'm! ->i 'm	žhYbg]j Y	: @9L 'K 99? !'H<9F9'5F9'BC'7 @5GG9G 8I F B; 'K 99? *'f) >i @M! ->i @Mž
K YY_+ :%&'>i 'm! '%>i 'm	@YWi fy	7i 'h fU' \mVf]X]m]UbX'a i 'h]W 'h fU]ga 'Ug [ 'cVU'W 'h fy
	Hi hc]f]U'	7i 'h fU' <mVf]X]m]UbX'A i 'h]W 'h fU]ga
	F YUX]b[	? fU]XnžA ""7i 'h fU' <mVf]X]m]UbX' žhYfbU]h]cbU' 7ca a i b]W]h]cb'": kTqV[fk, FZW5g'fgdS^>aY[UaX 9 'aTS'feSf[a' "D\]UXY'd\]UžHYa d'Y' i b]j Yfg]mž &\$\$) ždd""%ž( "
K YY_ , :%'>i 'm! '&'>i 'm	@YWi fy	žhYfbU]h]cbU'>ci fbU]ga
	Hi hc]f]U'	



		"5i h\cf]hUf]Ub'8ck b[ fUX]b[ žfGY'ZWWbgc fg\]d'UbX BYk 'A YX]U'5W]j ]ga 'UZhf'h\Y'5fUV'Gdf]b[ ""
K YY_%\$.&'5i [i gh! '* 5i [i gh	@YWh fy	7cbWi g]cbg. 'F YgYUfW ]b[ ; 'cVU'A YX]U
	Hi hcf]U'	E #5 'UVci h'h\Y'fYgYUfW 'dUdYf

## F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

- 5`fYUX]b[ g`UfY`Uj U]UV`Y`j ]U`@Y[ Ubhc`UbX`hY`Wci fgY`A ccX`Y

F YWca a YbXYX`F Ygci fWg

DYf]cX]W`mž UXX]hcbU`fYgci fWg`k ]`VY`a UXY`Uj U]UV`Y`hc`gh XYbhj j ]U`hY`Wci fgY`A ccX`Y`" Gh XYbhj`UfY`fYgdcbg]V`Y`Zcf`\_YYd]b[ `i d`hc`XUH`k ]h`Ubm]bZcfa Uhcb`cf`fYgci fWg`hUhUfY`dfcj ]XYX`j ]U`hY`A ccX`Y`cb U`k YY`\_Vmik YY`\_VUg]g"

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

DYf]cX]W`mgh XYbhYj U`i Uh] Y`ZYXVUW`\_cb`hY`Wci fgY`]g`[ UhYfYXž`i g]b[ `Ua cb[ `chYf`a YUbgžl BGK f] A m9l dYf]YbW`DfcWg`g`" Gh XYbhZYXVUW`\_]g`hU`\_Yb`gYf]ci g`mž UbX`Wcb]bi U`]a dfcj Ya Ybhj`UfY`a UXY`hc`hY`Wci fgY`VUgYX`]b`dUfhcb`gi W`ZYXVUW`"

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 YbhiH'fci [ \ 'Hi fb]h]bž'd'YUgY  
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'-', ) " ' ' %cf'Ya U] 'H'Ya 'cb'YI HYfbU'HY'fgi ddcfh4 i bgk "YXi "Ui "'Gi ddcfh  
\ci fg'UfY', .\$\$Ua '—%\$.\$\$da 'cb'k YY\_XUmg'UbX'-. \$\$Ua '—) .\$\$da 'cb'k YY\_YbXg'fI \*) 'XUmg'U'mYUfI" Ʒmci  
UfY'i bUV'Y'hc'gi Va ]hmc i f'Ugg][ ba YbhiXi Y'hc'U'Zi 'hk ]H'Hi fb]h]b'mci 'a UmUdd'm'Zc'f'Ub'YI HYbg]cbž'Vi hmc i  
a i ghfYHU]b'mci f'h]W\_Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb[ 'k ]H'UbmcH'Yf'fY'Yj UbhXcW a YbHg'k'hc  
]bWi XY'Ug'Yj ]XYbW'hc'gi ddcfhmc i f'YI HYbg]cb'Udd'jW]h]cb" Ʒmci 'Ya U] '9I HYfbU'Gi ddcfhmc i 'k ]  
Ui 'ca UH]W]m'fYW]j Y'U'h]W\_Yhbi a VYfž'Vi h]Zmci 'HY'Yd\cbY'mci 'k ]'bYYX'hc'gdYW]Z]W]m'Ug\_ 'Zc'f'cbY"  
Hi fb]h]b 'U'gc'dfcj ]XYg'i dXUH'g'cb'H'Y]f'gmgh'Ya 'ghU'hi g'cb'Hk ]HYf"

; YbYfU'mž'UggYgga YbhiHUg\_g'a i ghVY'gi Va ]HYX'Y'YW'fcb]W]m'j ]U'Y]H'Yf'Hi fb]h]b'cf'U'A ccX'Y  
Ugg][ ba YbH' 'b]bg]UbW'g'k \YfY'H'g ]g'bc]hd'cgg]V'Yž'hk ]'VY'gh'UH'X'cb'mci f'Wci fgY'g'A ccX'Y'g]H'k ]H  
U'HYfbUH] Y'gi Va ]gg]cb'XYHU]g"

: cf]bZ'fa UH]cb'cb'\ck 'hc'gi Va ]hUgg][ ba YbHg'cb]bY'j ]U'A ccX'Y. \h'hdg.#gh XYbhi bgk "YXi "Ui #ck!  
gi Va ]hUgg][ ba YbH'a 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 bYYfdh\hY:mi f'f[\ \b\hY:fYdcba\]hYg\h\c\h\ab YYhb\h\l PCK



## 5 WUXYa ]W=Zcfa Uh]cb

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

- fYei Ygth]Zc`f`Yl H`bg]cb/
- `Uh`gi Va ]gg]cbg`[ i ]XY`]bYg/
- fYj ]Yk `cZa Uf\_g/
- I BGK `<YU`h`UbX`GUZYmdc`]WYg/