



# 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 hcf g

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`]gUh`cb`"K`Y`k`]"`YI`Ua`]bY`hY`"gtrfmcZ]bHf`fbUh`cbU`"fUXY`Zck`g`]b`Ui`X]c]`]gi`U`[`ccXg`UbX`gYfj`]W`g`  
UbX`YI`d`cfY`"ck`"hY`gY`"Uj`Y`W`Ub[`YX`h`fci`[`\`[`"cVU`"fYbXg`"ck`UfX`fY[`]cbU`]gUh`cbž`Vci`bHf`Zck`"UbX`hY`  
]bW`YUg]b[`"fU`bgbUh`cbU`"dfcXi`W]cb`UbX`X]gHf]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`]fUb]ga`ž`"mVf]X]miUbX`X]UgdcfU`k`]"`VY`YI`Ua`]bYX`]b`XYHJ`]"`b`  
fY`Uh`cb`"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`XY`bHg`Vc`a`d`Y`h]b[`"h`]g`Vci`fgY`k`]"`fYW`]j`Y`U`h`cfc`i`[`\`[`fci`bX]b[`]"`b`hY`k`Uma`YX]U`Vc`bHf]Vi`h`"c`  
hY`"bHf`bg]Z]W]h`cb`cZci`f`YI`dYf]YbW`"cZ`hY`k`cf`X`Ug`"U`k`\`c`Yž`k`\]W`k`]"`dUj`Y`hY`k`Um`Zc`f`Z`f`h`Y`f`gh`Xm]b`  
]bHf`fbUh`cbU`"UbX`"fU`bgbUh`cbU`"a`YX]U`"

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

- %`"XYbh]miUbX`"Udd`mi`\_YmVc`bW`dHg`"UbX`"h`Y`cf]Yg`k`\]W`"YI`d`U]b`hY`fY`Uh`cbg`d`VYtk`YYb`a`YX]U`UbX`  
[ `cVU`]gUh`cb`
- &`"5WVci`bHf`Zc`f`hY`fc`Y`[`"cVU`"a`YX]U`d`"Um`g`]b`Zc`gHf]b[`"bYk`"dU`hY`fbg`cZW`"hi`fY`UbX`]XYbh]Z]W]h`cbž`  
k`\]W`"UfY`bc`"cb[`Yf`gc`"Y`mVUgYX`"cb[`Yc[`fUd`\mž`"UbX`]b`Xc]b[`"gc`"Udd`fYW]U`h`X]j`Yfg]miUa`cb[`"UbX`  
k`]h`]b`W`"hi`fYg`"
- '`"8]gW`gg`hY`"VU`UbW`"VYtk`YYb`hY`f]i`"cVU`"fU`bX`"hY`"fc`W]f]b`"X]ZY`fY`bh`Zcfa`g`cZa`YX]U`]b`fY`Uh`cb`"c`  
hY`"Vc`bHf]i`h`cZ`hY`]f`dfcXi`W]cb`UbX`X]gHf]Vi`h`cb`"
- (`"XYbh]mi`\_Ym`fY`bXg`"UbX`"dU`hY`fbg`]b`hY`Zck`"cZ`Ui`X]c]j`]gi`U`[`ccXg`UbX`gYfj`]W`g`UbX`Yj`U`i`U`h`"hY`  
]a`dU`W`icZ`U`hY`a`dHg`"c`fY[`i`"U`h`"hY`a`"

HYUW`]b[`"G`f`U`hY`[`]Yg`"

F`U`h`cb`U`Y`.




5XX]hcbU`XYHJ]`g.

: cf`U`Z ``XYgW]dhcb`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 ghfcb [ mYbWci fU[ YX hc UHhYbX U WUggYg UbX fYj ]Yk YW h fY fYWc fX]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`jnUh]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`h`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`]`g][ b]Z]W]bh]m]V]cc]gh]mci`f`W`UbW`g`c`Z`                      gi`W`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]`]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`HY`ffmif`&amp;`\$`%`E`"; `cVU`jnUh]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`c`b`ca`]W`U`dd`f`c`U`W`X`Y`g`hc` ; `cVU`A`YX]U` UbX`h`Y`cf]Yg`c`Z`a`YX]U`X`Y`d`Y`b`X`Y`b`W`h`
	Hi hc f]U`	HcXUmik`Y`fi`X]gW`gg`h`Y`dc`]h]W`Y`W`c`b`ca`m`c`Z`f]`c`VU` a`YX]U`fi`UbX`cc`_`Uh`W`U`g`Y`gh`X]Y`g`k` \]W`f]U`g`Y`[ `cVU` fY`[ i`U`hc`f`m`e`i`Y`gh]cbg`]b`f`Y`U`h]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>5 fmz`@`"7`U`d`h`f`" .`H`f`U`b`g`b`U`h]cb`U`A`YX]U`                      :`f`ca`5`fmz`@`"9`a`T`S`^`7`f`w`f`S`[`_`W`f`?`W`W`[S`                      3`5`d`f`[US`^`:`f`d`a`V`g`U`f`a``K`Y`gh`G`i`gg`YI`z`I`?`z`                      K`]`Y`m`i`6`U`W`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`Y`gh`f`b]nUh]cb`. 8cYg`h`Y`h`Y`c`f`m`c`Z`W`h`fU`]a`dYf]U`]ga`gh` Udd`m`h`c`[ `cVU`a`YX]U`hc`X`U`m`3`
	Hi hc f]U`	Hi hc f]U`!`"g`W`h`fU`]a`dYf]U`]ga`gh`"fY`Yj`Ub`h`c`X`U`m`3`
	F YUX]b[	GdUf_gz`7`"f`&`\$`%`E`"; `cVU`A`YX]U`G`h`X]Y`g`."#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 >[hVé, FZW? Ww[S S' V 3e[S' 6 [SebadSe"Ci žcXžI ? žF ck Ub'UbX @]hYžY'Xg'Di V]g\Yfgždd" %!' \$'C B @MfB chhY Ybh]fY'VXUdhYf!' 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'žcfa 'cZW 'h fU'Y]h]ga 'cf Y[ 'U]h]f]Ub' [ '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 YUbgž`l 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`Ybhi`h`fci`[`\`Hi`fb]h]b`z`d`Y`UgY`  
HY`Yd`cbY`9I`HYfbU`Gi`ddcfhcb`-`,`)`"``"``%cf`Ya`Uj`h`Ya`cb`YI`HYfbU`HY`hgi`ddcfh4`i`bgk`"YXi`"Ui`"Gi`ddcfh`  
`ci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`cb`k`YY`YbXg`f1`\*)`XUmg`U`mY`Uf2`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`a`Um`Udd`m`Zc`f`Ub`YI`HYbg]cb`z`Vi`hmc`i`  
a`i`gh`fY`h]b`mci`f`h]W`Y`hbi`a`VYf`Z`ca`9I`HYfbU`Gi`ddcfh`f`U`cb[`k`]h`Ub`mci`h`Y`f`fY`Yj`Ub`h`Xc`W`a`Yb`hg`k`hc`  
]b`Wi`XY`Ug`Yj`]XYb`V`hc`gi`ddcfh`mci`f`YI`HYbg]cb`Udd`]W`h]cb`"Ʒmci`Ya`Uj`9I`HYfbU`Gi`ddcfh`mci`k`j`  
Ui`hc`a`U`h]W`m`f`Y`W`j`Y`U`h]W`Y`hbi`a`VYf`z`Vi`h]Z`mci`HY`Yd`cbY`mci`k`j`b`Y`Y`X`hc`gd`Y`W`Z`W`m`Ug`\_`Zc`f`cbY`"  
Hi`fb]h]b`U`gc`d`fcj`]XYg`i`d`XU`h`g`cb`h`Y]f`g`mg`h`Ya`g`h`U`h`g`cb`Hk`]h`Y`f`"

;`Yb`Yf`U`m`z`Ugg`Ygga`Ybhi`Ug\_g`a`i`gh`VY`gi`Va`]h`Y`X`Y`Y`W`f`cb]W`m`j`]U`Y`]h`Y`f`Hi`fb]h]b`cf`U`A`cc`X`Y`  
Ugg][`ba`Yb`h`-`h]b`gh`U`b`W`g`k` \Y`fY`h`g`]g`b`ch`d`c`g`g]V`Y`z`]h`k`]`VY`g`h`U`h`X`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`h]g`"

:`cf`]b`Z`fa`U`h]cb`cb` \ck`hc`gi`Va`]h`Ugg][`ba`Yb`hg`cb`]b`Y`j`]U`A`cc`X`Y`.`h`h`d`g`#`gh`XYb`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 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/