

ARTS3570

5Xj UbWX'GdUb]g\`5

HYfa &Z&\$&&



5W_bck`YX[Ya YbhcZ7ci blfm

7ci fgY'8YHJ]`g

I b]hg'cZ7 fYX]h*`

Gi a a UfmicZ\hY'7ci fgY

H\]g'Wci fgY'dfcj]XYg'UXj UbW\X'Yj Y']bghfi W]cb']b'GdUb]g\`Ub[i U[Y'ghi XmiZca' U'Wca a i b]WU]j Y'UbX
hUg_!VUgYX'UddfcUW\''Mci 'k]''XYj Y'cd'mci f''ghYb]b['UbX'gdYU_]b['g_]`g'h'fci [\`U'bi a VYf'cZX]ZYfYbh
UW]j]hYgžUg'k Y''Ug'mci f'fYUX]b['UbX'k f]h]b['g_]`g']b'GdUb]g\''J cWUVi 'UfmUbX' [fUa a Uh]WU'ghfi W]h fYg
UfY'dfYgYbhYX']b'hY'WcbhYI hcZWW'hi fU'mifY'Yj Ubh]ggi Yg''5i X]c!j]gi U'k YV'VUgYX'a UhYf]U']gi gYX'Ug'Ub
]bhfci W]cb'hc'j cWUVi 'Ufmž' [fUa a Uf'ghfi W]h fYg'UbX'W'hi fU'mifY'Yj Ubh]cd]Wg''Hcd]Wg'a Um]bW] XY
]bhfY'W'hi fU'Wca a i b]WU]cbž'W ffYbhYj Yb]g'UbX']ggi Yg']b'hY'GdUb]g\!gdYU_]b['k cfX''H\Y'a YX]i a 'cZ
]bghfi W]cb']g'GdUb]g\''

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

% " 9I Ua]bY'cfU''UbX'k f]hYb'hYI hg']b'U'j Uf]YhmicZa YX]U'XYU']b['k]h'WcbhYa dcfUfmidfcV'Ya g'hUhUfY
fY'Yj Ubh]c'hY' <]gdUb]Wk cfX''
&" 8 YVUH'cb'dfYdUfYX'gi V'YWg'k]h'U'XY[fY'cZZi YbW]UbX'gdc b]UbY]m]b'GdUb]g\''
' " DfcXi W'WYUfžXYHJ]YX'k f]hYb'UbX'gdc_Yb'X]gW gg]cbg'cb'U'k]XY'fUb[Y'cZgi V'YWg'i g]b[
YZYW]j Y' [fUa a Uh]WU'XYj]Wg'UbX'Uddfcdf]Uh'j cWUVi 'Ufm'
(" I gY'gi]hU'Y''YUfb]b['ghfUh' []Yg'hc'Wcb]bi U'mYb\UbW'UbX'YI dUbX'UWci]fYX'g_]`g''

HYUW\]b['GhfUH' []Yg'

H\]g'Wci fgY']g'XYg][bYX'Zcf'gh' XYb]g'k \c'\Uj Y'Z]b]g\YX'`b]hYfa YX]Uh'GdUb]g\`6''H\Y'Wci fgY'gYY_g'hc
WYUH'Ub']bW] g]j Y'Ybj]fcba Ybhk \YfY'gh' XYb]g'\Uj Y'cd'cfh' b]h]Yg'hc'YI d'cfY'hY'hUf[Yh'Ub[i U[Y'Uh
hY'f'ck b'dUWžZc'ck]b['hY'f'ck b']b]hYfYg]g''h]bW] XYg']b]hYfYg]h]b['ž']b]hYf'W'hi fU'fYU'!]Z' ''YUfb]b[
YI dYf]YbW]gžk \]M\UfY'U'_YmZc'f']Z'! 'cb[''YUfb]b[" 9I dYf]YbW]g'cZUW]j Y'UbX'X]U'YW]WYUfb]b['hc
XYj Y'cd'W]h]W']h]b_]b['UfY'U'gc']bW] XYX']b'hY'W'ff]W' i a ''H\Y''Ub[i U[Y'a UhYf]U'g'i gYX'Zcf'h]g'Wci fgY
UfY'fYU'hYI hgž'Ui X]cg'cf'Z'a g'VUgYX'i dcb'hY'VY']YZhUhZcfY][b''Ub[i U[Y''YUfb]b['a UhYf]U'g'UfY'hY'fcUX
hc'dfUW]W'hY'Ub[i U[Y'UbX'hY'f]d'U'cb['h]g'fcUX'k]''VY'Yb\UbW\X']Z'hY'a UhYf]U'g'UfY'Yb[U[]b[ž
WcbhYI hi U']nYX'UbX'fY'Yj Ubh]c'hY'gh' XYb]g'']b]hYfYg]g'k \YhYf'dYfgcbU'cf'dfcZYgg]cbU''H\Y'a UhYf]U'g'
gY'YW]X'Zcf'h]g'Wci fgY'dfcj]XYg'U'X]j Yfg]micZUW]j]h]Yg'hc'Ugg]ghgh' XYb]g'k]h'X]ZYfYbh''YUfb]b['bY'Xg''

H\Y'hYUW\]b[']b'h]g'Wci fgY']g'V'YbXYX.'cb']bY'UbX']b'WUgg'UW]j]h]Yg''@YW]h'fYg'UbX'hi hc]f]U'g'UfY'VUgYX'cb

5ggYgga Ybh

GYY`A ccXY`Zcf`a cfY`]bZcfa UH]cb"

5ggYgga YbhUg_	K Y][\h	8i Y`8UH`	7ci fgY`@YUfb]b[Ci hWca Yg`5ggYggYX
%`!WUgg`E i]n	&)	k YY_)	'
&`C fU`	&\$	cb[c]b[`k YY_` " `hc`k YY_`-	&ž' ž(
' `F YUX]b[/ `K f]h]b[`HYgh	')	k YY_`%\$	%ž' ž(
("9!dcfhZ`c	&\$	gYY`A ccXY`	%ž' ž(

5ggYgga Ybh%`!WUgg`E i]n

GHUfhXUH`. `k YY_)
 5ggYgga Ybh`Yb[h. `(\$
 8i Y`XUH`. `k YY_)

H\Y`ei]n`k]`hYghj cWUvi `Ufmž[fUa a Ufz`W`hi fYž`]ghYb]b[žfYUX]b[`UbX#cf`k f]h]b[`g_]`g`UbX`k]`Ugh' \$
 a]bi hYg"

: YYXVUW_`dfcj]XYX`j]U`F i Vf]Wgžk f]hYb`Wca a Ybhg`UbX`]b]WUgg`ZfYXVUW_`"

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

5XX]h]cbU`XYHJ]`g

`E i]n`UggYgg]b[`[fUa a Uf# cWUvi `Ufm#YUX]b[`Wca dfY\Ybg]cb`UggYgga Ybh`": YYXVUW_`cb`]bY`"
 #`WUgg`E i]n`]b`k YY_)`

5ggYgga Ybh&`C fU`

GHUfhXUH`. `cb[c]b[`k YY_` " `hc`k YY_`-
 5ggYgga Ybh`Yb[h. `j Uf]Yg
 8i Y`XUH`. `cb[c]b[`k YY_` " `hc`k YY_`-

C bY`Z]bU`%\$!a]bi hY`fYWcfYX`Wcbj YfgU]cb"

: YYXVUW_`j]U`U`fi Vf]WUbX`U`bi a Yf]W]`a Uf_`"

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

5XX]h]cbU`XYHJ]`g

5`Z]bU`hYgh]b`k YY_`%\$`%\$| `UbX`]b`WUgg`dUfh]W]dU]cb`%\$|

<p>K YY_ ; . % ' > i `m! ' && > i `m</p>	<p>6`YbXYX</p>	<p>' 7G7 > 5 ; ^ @ ' ' C fUW}cbYg'Wt bW}gjj Ug 'DUfHY ' % HfUVU`c`gYa UbU`cV`][Urcf]c" "9dcfhZc`]c</p>
<p>K YY_ - . &) > i `m! ' &- > i `m</p>	<p>6`YbXYX</p>	<p>' 9@D5GC `89@H-9A DC ' ' C fUW}cbYg'Wt bW}gjj Ug dUfHY ' &" HfUVU`c`gYa UbU`cV`][Urcf]c" "9dcfhZc`]c" 9L5A 9B`CF 5@Yb`U`HI HCF =5</p>
<p>K YY_ %\$. %5i [i gh! ') 5i [i gh</p>	<p>6`YbXYX</p>	<p>' 9@D5GC `89@H-9A DC ' : cfa i `Uf` \)dI` hYg]g`Yb Y`dUgUXc" H9GH`YgW}rc`Yb`U`h`rcf]U"</p>

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`l`cb`Y`9I`HY`fb`U`Gi`ddc`fh`cb`-`,`),`"`,`'`,`%`cf`Ya`U]`h`Ya`i`cb`YI`HY`fb`U`HY`hgi`ddc`fh`4`i`bgk`"YXi`"Ui`"Gi`ddc`fh`
l`ci`fg`UfY`,`.\$\$Ua`-`-%\$.\$\$da`i`cb`k`YY`XUmg`UbX`-`.\$\$Ua`-`).\$\$da`i`cb`k`YY`YbXg`fI`*)`XUmg`U`mY`UfI`"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`i`a`Um`Udd`m`Zc`f`Ub`YI`HY`bg]cb`z`Vi`hmc`i`
a`i`gh`fY`h]b]mci`f`h]W`Y`hbi`a`VY`f`Z`ca`9I`HY`fb`U`Gi`ddc`fh`f`U`cb[`k`]h`Ub`mci`h`Y`f`fY`Yj`Ub`h`Xc`W`a`Y`b`hg`L`hc`
]b`Wi`XY`Ug`Yj`]XY`b`W`hc`gi`ddc`fh`mci`f`YI`HY`bg]cb`Udd`]W`h]cb`"Ʒmci`Ya`U]`9I`HY`fb`U`Gi`ddc`fh`mci`k`]`
Ui`hc`a`U`h]W`m`f`Y`W`j`Y`U`h]W`Y`hbi`a`VY`f`z`Vi`h]Z`mci`HY`Yd`l`cb`Y`mci`k`]`b`YYX`hc`gd`Y`W`Z]W`m`Ug`_`Zc`f`cb`Y`"
Hi`fb]h]b`U`gc`d`fcj`]XY`gi`d`XU`h`g`cb`h`Y]f`g`mg`h`Ya`i`gh`U`h`g`cb`Hk`]h`Y`f`"

;`Yb`Y`f`U`m`z`Ugg`Y`gga`Yb`hi`U`g`_`g`a`i`gh`V`Y`gi`Va`]h`Y`X`Y`Y`W`f`cb]W`m`j`]U`Y`]h`Y`f`Hi`fb]h]b`c`f`U`A`cc`X`Y`
Ugg][`ba`Yb`h`i`h`]b`gh`U`b`W`g`k`l`Y`f`Y`h`l`g`]g`b`ch`d`c`gg]V`Y`z`]h`k`]`V`Y`g`h`U`h`X`i`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`"

:`c`f`]b`Z`c`fa`U`h]cb`cb`l`ck`hc`gi`Va`]h`Ugg][`ba`Yb`hg`cb`]b`Y`j`]U`A`cc`X`Y`.`h`h`d`g`#`gh`XY`b`h`i`bgk`"YXi`"Ui`#`ck`!
gi`Va`]h`Ugg][`ba`Yb`h`a`cc`X`Y`"

