



ARTS1540

hfcXi Wc fm; fYY_ '5

HYfa 'Hk c ' # ' & \$ %

7ci fgY`Cj Yfj]Yk

GHJZZ7cbHJW`8YHU]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]]m	@cWJhcb	D\cbY
8f`9Zcg]b] 8Y`][]Ubb]	Y"XY`][]Ubb]4 i bgk "YXi "Ui	6mUddc]bħa Ybh	A 6&+\$ fA cfj Yb 6fck bž`@Yj Y` &Ł	f\$&Ł- \$*) % , ')

GWXcc``7cbHJW`bZcfa Uhjcb

GWXcc``cZ<i a Ub]hYg`UbX`@Ub[i U[Yg

@cWJhcb. GWXcc``C ZWZÅ cfj Yb`6fck b`6i]X]b[ž`@Yj Y``&ž&),

C dYb]b[`<ci fg. A cbXUm! : f]XUmž- Ua `!) da

D\cbY. Ž`*%&`-' ,) `* , %

: U! . Ž`*%&`-' ,) ; +\$)

9a U]: [\U`4 i bgk "YXi "Ui](#)

7ci fgY'8YHJ`g

7fYX]hDc]bqg '*`

Gi a a UfmcZ`h\Y'7ci fgY

H\Y'; fYY_`Ub[i U[Yž\ck Yj Yf]bhf]WUHyž]g'a cfY`h\Ub`mYhUbc`hYf`Zc:fY][b`Ub[i U[Y/]h]g`h\Y`_Ymhc
i b`cW_]b[`U[fYUhW`h fY`h\Uh]g`h\Y`VUW_VcbY`cZci f'a cXYfb`Wj`j]nUh]cb" `ə`h\]g`Wci fgY`mci `UfY
]bhcXi WX`hc`h\Y'; fYY_`Ub[i U[Y`UbX`mci `k`j`VY[]b`hc`YUfb`Z`bW]cbU"; fYY_ž`k` \]W\`WUb`VY`i`gYX`]b
Yj YfmXUm`]Z`]b; fYYW`"Mci `UfY`YI`dcgYX`hc`h\Y'; fYY_`U`d\UVYh`hc`a`U_Y`fYUX]b[`UbX`k`f]h]b[`dcgg]V`Y`Ug
Zca`h\Y`Z]fghk`YY`_cZWUggYg" `6Ug]W[fUa`a`Uh]W`UbX`gmb`hUW]WU`UgdYW]g`cZ; fYY_`UfY`]bhcXi WX
h\fc i [\`cfU`ž`]ghY`b]b[`UbX`fYUX]b[`UW]j`]hYg" `H\Y`a`cfd\c`c[mUbX`ghfi`W`fY`cZ`h\Y`_Ub[i U[Y`]g`dfYgYb`hYX

5ggYgga Ybh

5ggYgga YbhHUg_g

5ggYgga YbhHUg_	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
K f]hYb'HYgh	(\$i	&#%\$+#&\$&%\$-.\$\$\$'5A	%ž&
C b`]bY'Dc fhž`c`	(\$i	Bch5dd`]WUV`Y	%ž'&ž' ž(
; fci d'DfYgYbhU]cb`	&\$i	\$(#\$, #&\$&%\$-.\$\$\$'5A	%ž' ž(

5ggYgga Ybh8YHU]`g

5ggYgga Ybh% 'K f]hYb'HYgh

GHUfhXUH. 'Bch5dd`]WUV`Y

8YHU]`g.

H\Y`Xi fU]cb`cZH\Y`hYgh]g'() `a]bi hYg"

Gh XYb]g`k]`fYW]j Y`ZYXVUW`Vm]bX]]Xi U`Wta a Yb]gž [YbYfU`X]gW`gg]cb`]b`WUgg`UbX` [fUXYg`cb`hY]f`hYgh`

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

5ggYgga Ybh&. 'C b`]bY'Dc fhž`c`

GHUfhXUH. 'Bch5dd`]WUV`Y

8YHU]`g.

Gh XYb]g`UFY`YI dYW`X`hc`gi Va]h]hY]f`Ugg][ba Yb]gž`k \]W`hYgh]hY`Zci f'a UW`c!g_]`g`cZWta a i b]W]h]cb`f]g]h]b]b[žgdYU_]b[žfYUX]b[`UbX`k f]h]b [ěcb`U`k YY`_mVUg]g"

Gh XYb]g` [YhcFU`UbX`k f]hYb`ZYXVUW`fYI hYbg]j Y`Wta a Yb]g]ě`hY`k YY`_UZf`gi Va]gg]cb"

Gi Va]gg]cb`bchYg. '9bX`cZYUW`k YY`_

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

5ggYgga Ybh' . ; fci d'DfYgYbhU]cb

GHUfhXUH. 'Bch5dd`]WUV`Y

8YHU]`g.

Gh XYbhk cf_]b'[fci dg'cZ&! ("H\Y`Yb[h'cZhY'dfYgYbhUjcb'WUbbchYI WYX'&\$'a]bi h'g"

Gh XYbhg'k]`fYW]j Y'Wta a Ybhg'f][\hUZf'hY'dfYgYbhUjcb'UbX'hY]f'[fUXY'Uh'hY'YbX'cZhY'Wti fgY"

H\]g'lg'hY'Z]bU`UggYgga YbhZcf'UhhYbXUbW'`di fdcgYg"

Hi fb]hb'gYhb[. h\]g'Ugg][ba Ybh]g'gi Va]hYX'h'fci [\ 'Hi fb]hb'UbX'ghi XYbhg'Xc'`bchgYY'Hi fb]hb'g]a]Uf]mifYdcftrg"

5 HbXUbW F Yei]fYa Ybhg

Gh XYbhg UfY gfc b[mYbWci fU[YX hc UHbX U WUggYg UbX fYj]Yk YWfi fY fYWcfX]b[g"

7 ci fgY GWYXi Y

[J Yk WUgg ha YhUVY](#)

Hja YhUVY

8 UhY	HmdY	7 cbhYbh
K YY_% " %A Um! "(>i bY	@YWi fY	bfrcXi Wc fm@Yggcb. h\Y U'd\UVYhfUgmbWfcbci gŁ
	Hi hcf]U'	; fYY_ 'U'd\UVYhUWVWbhgmghYa ždfcbi bW]U]cb fgmbWfcbci gž'cb`]bYŁ
K YY_& . + ' >i bY ! '%>i bY	@YWi fY	bfrcXi W]cbg fUgmbWfcbci gŁ
	Hi hcf]U'	; fYYh]b[g/ ' @cb[Yf]b]brcXi W]cbg fgmbWfcbci g UbX'cb`]bYŁ ; fYYh]b[gž Zfgh]b]brcXi W]cbg '@cb[Yf]b]brcXi W]cbg
K YY_ " . %>i bY ! '%>i bY	@YWi fY	:]fgh7 cbj YfgU]cbg fUgmbWfcbci gŁ
	Hi hcf]U'	A mZ]fghWŁbj YfgU]cbg fgmbWfcbci g UbX'cb`]bYŁ :]fghWŁbj YfgU]cbg. k cf_žbU]cbU']mž`Ub[i U[Yž a Uf]U' ghU] g' :]fghWŁbj YfgU]cbg. \ca Yž`Y]gi fYž]b]brcXi W]b['a m Z]YbXg
K YY_(. &%>i bY ! '>i bY	@YWi fY	<ca Y/ : Ua]mfUgmbWfcbci gŁ
	Hi hcf]U'	A miZ]a]mfgmbWfcbci gž'cb`]bYŁ
K YY_) . & , ' >i bY ! '>i m	@YWi fY	<ci gY/ '5WŁca a cXU]cb fUgmbWfcbci gŁ
	Hi hcf]U'	A m\ca Y fgmbWfcbci gž'cb`]bYŁ
K YY_*.) ' >i m! '- >i m	C b]bY'5W]j]m	F Yj]g]cb
K YY_+ . %&>i m! '%>i m	@YWi fY	G\cdd]b[fUgmbWfcbci gŁ
	Hi hcf]U'	A mig\cdd]b[fgmbWfcbci gž'cb`]bYŁ

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

Bc`g]b[`Y`hI hVcc_`k]``VY`i gYX" `F Yei]fYX`fYUX]b[g`UbX`UXX]hcbU`a UHf]U`k]``VY`i d`cUXYX`cb`A ccX`Y U`k YY_]b`UXj UbVW"

F YWca a YbXYX`F Ygci fWg

- HYI hVcc_g

A "DUdU_mf[]ci / `J ""DUbU[]ch]Xci `f&\$%(`?"?]_ghU`9``]b]_U`f7`]W`cb`; fYY_`_`@Yj Y`5%"`H\YggU`cb]_]. 7YbhfY`Zcf; fYY_`_`@Ub[i U[Y`fUj U]UVY`Uhi BGK ``]VfUfmUbX`I BGK `Vcc_g\cdE"

8""Hc`]Ug`YhU""f&\$%%E"?"? gY_]bcbUg`fGHUfh]b[`C`Z`5`h`Ybg. <Y`Yb]W5a Yf]WUb`I b]cb`fk]h`" `Ui X]c`7`8`gE flj U]UVY`Uhi BGK ``]VfUfmUbX`I BGK `Vcc_g\cdE"

- K YVg]hYg

Zffb,!!i i i žSgžYd1[/YdW] ŽS` YgSYW`bdaYdS_`žW žZa_`W

fH`Y`cZ]WU`g]h`cZH`Y`<Y`Yb]W5a Yf]WUb`I b]cb`žk \]W`cZ]fg`žYY; fYY_`_`Ub[i U[Y`YUfb]b[`fYgci fWgE

Zffb,!!i i i ž S` fZ[ž`ebžYdX`aY!

fH`Y`VYghcb`]bY`W`i fgY`Zcf`A cXYfb`; fYY_`VY[]bbYfg`dfcj]XYX`Vm`h`Y`bgh]h`h`Zcf`@Ub[i U[Y`UbX`GdYYW` DfcW]gg]b[E

Zffb,!!i i i žYdW] ŽS` YgSYW`YdYdW] >S` Y!_`aVW`OYdW]![V] žZf_`^

fH`Y`a cghW`ca dfY`Ybg] Y`fYžYfbW`[i]XY`Zcf`A cXYfb`; fYY_`E

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

H\]g`W`i fgY`]g`dYf]cX]W`m`fYj]Yk YX`UbX`gh`XYbfg`žYXVUW_]g`i gYX`hc`]ja`dfcj Y`h`Ya`": YXVUW_]g [U`h`Y`fYX`žca`gh`XYbfg`i g]b[`a`m`9I dYf]Y`bW`" `h]g`Y`bW`i fU[YX`gh`XYbfg`W`ca`d`Y`h`h`Y]f`gi`fj`Ymg`Vm

UWVYgg]b['hY'dYfgcbU`]gYX'k YV``]b_j]U'hY'A ccX`Y`Wci fgY'g]hY"

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'hgi ddcfh4 i bgk "YXi "Ui "'Gi ddcfh
\ci fg'UfY', .\$\$Ua '—%\$.\$\$da 'cb'k YY_XUmg'UbX'-. \$\$Ua '—) .\$\$da 'cb'k YY_YbXg'fl *) 'XUmg'U'm'YUfl" 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'Zcf'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 Ybhtg'hc
]bWi XY'Ug'Yj]XYbVW'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]'b'YX'hc'gdYW]Z]W]m'Ug_ 'Zcf'cbY"
Hi fb]h]b'U'gc'dfcj]XYg'i dXUH'g'cb'H'Y]f'gmgh'Ya 'ghU'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 Ybht' Ʒ]bgHUbVW'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 Ybht'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]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
-

