



ARTS2360

? bck `YX[Y'UbX'F YU`]hm

HYfa `H\fYY`##`&\$&\$

7 ci fgY`Cj Yfj]Yk

GhJZZ'7 cbhJWw'8 YhU]`g

7 cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
5`Ygg]c`HUWwU	U"huVwWU4 i bgk "YXi "Ui	: f]XUm% !%(`f`f`Vm Uddc]bha YbH		

GwXcc``7 cbhJWw' bZcfa Uh]cb

GwXcc``cZ<i a Ub]h]Yg`UbX:@Jb[i U[Yg

@cW]h]cb. `GwXcc``C Z]Ww`ZA cfj Yb`6fck b`6i]X]b[ž`@Yj Y``&ž&),

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

D\cbY. `ž`*%&`- ' ,) `)%*, %

: U! . `ž`*%&`- ' ,) ; , +\$)

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

5ggYgga Ybh

5ggYgga YbhHUg_g'

8i Y'8U	5ggYgga YbhHUg_	K Y][\h	8i Y'8UH'	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
	9UfmYI Ua '			

@Yb[h. ik c \ci fgž\YX']b h\Y' I BGK 'YI Ua 'dYf]cX" Gh XYb]k]''Yb[U[Y]b 'U'gWkc'Uf'mUbX'dcH\Yb]U'm
]a U[]bU]j] Y'k Umik]h' gca Y'ei Ygh]cbg'h\UhYa Yf[Y'Zca 'h\Y'Wci fgY'g'Yd]gh'a c'c[m'Wca dcbYb]f'fH\]g']g
h\Y'Z]bU'UggYgga YbhZcf'Uf]bXUbVW'di fdcgYg"Ł:]bU'YI Ua 'Vcc_'Yhg'UfY'bchX]gh]Vi h\X/g]h XYb]g'a Um
Wcbgi 'hk]h 'YV]i fYf#ŁcfX]bU]cf'UVci h\h\Y]f'dYfZcf'a UbVW"

Hi fb]h]b'gY]b[. 'H\]g']g'bchU'Hi fb]h]b'Ugg][ba Ybh

5 hYbXUbW F Yei]fYa Ybhg

Gh XYbhg UfY gfcfb [mYbWci fu[YX hc UhhYbX U WUggYg UbX fYj]Yk YWfi fY fYWcfX]b[g"

7 ci fgY GWXYXi Y

[J Yk WUgg ha YhUVY](#)

Hja YhUVY

8UhY	HmdY	7cbhYbh
K YY_%%(GYdhYa VYf! %GYdhYa VYf	@YWi fY	hfcXi W]cb Z DYfgcbg F YUX]b[. F ? DžW ""%fF ? D'1 'cbY'cZhY Wci fgY hY hVcc_g'1 F YU]mB ? bck YX[Y3'D\]cgcd\mł A / 9žWg""& ž&(ž&) ž&*ž&+ fIA / 9'1 hY'chYf'cZ hY Wci fgY hY hVcc_g'1 A YhUd\ng]Mg UbX 9d]ghYa c'c[nł
	Hi hcf]U	DYfgcbg
K YY_&.&%GYdhYa VYf! &)GYdhYa VYf	@YWi fY	: fYY'k]'UbX'a cfU'fYgdcbg]V']m F YUX]b[. F ? DžW ""&/A / 9žWg""&, ž&- ž' \$ž' %ž' &
	Hi hcf]U	: fYY'k]'UbX'a cfU'fYgdcbg]V']m
K YY_' .& ,GYdhYa VYf! &C WcVYf	@YWi fY	; cX'UbX'Yj] F YUX]b[. F ? DžW "" /A / 9žW ""&/d'i g'gca Y fYUX]b[g'Uj U]UV'Y'cb'A ccX'Y"
	Hi hcf]U	; cX'UbX'Yj]
K YY_(.) C WcVYf! - C WcVYf	@YWi fY	@Z'g'a YUb]b['UbX'XYUh'g\Ufa F YUX]b[. F ? DžWg""(ž) /A / 9žWg""%ž' ' ž' (ž') ž ' * /d'i g'gca Y fYUX]b[g'Uj U]UV'Y'cb'A ccX'Y"
	Hi hcf]U	@Z'g'a YUb]b['UbX'XYUh'g\Ufa
	5ggYgga Ybh	9Uf'mYI Ua
K YY_) .%&C WcVYf! '%* C WcVYf	@YWi fY	Hfi h'UbX'↑ gh]W]h]cb F YUX]b[[.. F ? DžWg""+ž, /A / 9žWg""%ž%+ž' , ž** Ž'gca Y fYUX]b[g'Uj U]UV'Y'cb'A ccX'Y"

	Hi hcf]U`	C VgYfj UñcbU`_bck`YX[Y`UbX`di fY`fYUgcb
K YY_`-`-`Bcj Ya VYf! %`Bcj Ya VYf	@YWñ fy	GWdñWJ`Xci Vhg F YUX]b[. F ? DžVX`"%&/A / 9žVXg" (*ž(, ž*%ž* &ž *' ž*) .
	Hi hcf]U`	GWdñWJ`Xci Vhg
K YY_`%\$.`%*`Bcj Ya VYf! &\$`Bcj Ya VYf	@YWñ fy	@j]b[`k]ñ`gWdñW]ga F YUX]b[. Uj U]UV`Y`cb`A ccX`Y"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

A cghcZhY`fYUX]b[g`zcf`h]g`Wci fgY`k]`VY`Zca`h`Y`Z`ck]b[`hk`c`hYI`hVcc_g.

- F YU`]m3`? bck`YX[Y3`D\]cgcd`m`f9X]bVi f[\ `I` b]j Yfg]mDfYggz`&\$\$` Ł`VmGHd`Yb`<`Yh`Yf]b[`hcb
- A YhUd`ng]Vg`UbX`9d]gh`a`c`c[m`5`; i]XYX`5b`h`c`c[nž`fK`]Ym6`UW`k`Y`ž`&\$\$`Ł`YZX]h`X`VmGHd`Yb`<`Yh`Yf]b[`hcb

F YWca a YbXYX`F Ygci fWg

BchUj U]UV`Y

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

H\]g`Wci fgY`k]`VY`Zca U`mYj U`i Uh`X`h`fci [\ `I` BGK`fj`a`m9I`dYf]YbW`d`fc`W`gg": YYXVUW`Zca`h`g`gi`fj`Ym]g`i`gYX`Vm`h`Y`g`W`cc`UbX`]bX]j`]Xi U`h`U`W`Y`fg`h`c`]b`Zca`Wci fgY`XYg][`b`UbX`h`U`W`]b[`d`f`U`W`]V`W`"K`Y`UfY`U`gc`cd`Yb`Uh`Ubmi`h`a`Y`Xi`f]b[`h`Y`h`Y`fa`h`c`Wca`a`Ybh`g`UbX`gi [[Ygh]cbg`UVci`h`h`Y`Wci`fgY"

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'ggi 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'mYUfl" Ʒmci
UfY'i bUV'Y'hc'gi Va]hmc i f'Ugg][ba YbhiXi Y'hc'U'ZU' '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 YbHg'k'hc
]bWi XY'Ug'Yj]XYbVW'hc'gi ddcfhmci f'YI HYbg]cb'Udd']W]h]cb" Ʒmci 'Ya U] '9I HYfbU'Gi ddcfhmci 'k]
Ui 'ca UH]WU'`mfYW]j Y'U'h]W_Yhbi a VYfž'Vi h]Zmci 'HY'Yd\cbY' mci 'k]'`bYYX'hc'gdYW]Z]WU'`mUg_ 'Zcf'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]WU'`mj]U'Y]H'Yf'Hi fb]h]b'cf'U'A ccX'Y
Ugg][ba YbH' 'b]bgHUbVW'g'k \YfY'H'lg]g' bchidcgg]V'Yž]hk]'VY'ghUH'X'cb' mci f'Wci fgY'g'A ccX'Y'g]HY'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. \`hdg.#gh XYbH'i 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 bXYfghUbx'mci f'f][\hg'UbX'fYgdcbg]V]h]Yg'Ug'U'gh XYbhUhl BGK
- VY'Uk UfY'cZd'U[]Uf]ga ž'Wcdmf][\hž' BGK 'Gh XYbh7cXY'cZ7cbXi W'Ubx'5Ww'dhUV'Y'I gY'cZ I BGK '⇒H'F Ygci fW'g'Dc`]Wm
- VY'Uk UfY'cZh'Y'ghUbxUfXg'cZVY\Uj]ci f'YI dYW'X'cZYj Yfmcby`]b'h'Y'I BGK 'Wca a i b]m
- `cWJh'gYfj]W'g'UbX']bZcfa Uh'cb'UVci hl BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZh'YgY'UfYUg'k]`VY'ZJa]]Uf'hc'mci ž'ch'Yfg'k]`VY'byk "; U]b]b['U'gc`X'i bXYfghUbx]b['cZU`h'Y fY'UH'X'UgdYW'g'cZ9@G9'k]`Y'd'mci 'a U_Y'h'Y'a cghcZmci f'gh X]Yg'Uhl BGK ""

[\hhd.##ji V'YW'i \]XYg" \]VfUfm'i bgk "YXi "Ui #' \]gY#JVci h' \]gY](#)

5 WUXYa]W=Zcfa Uh]cb

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

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