



ARTS2150

H\YAU_]b[`cZHfiadfg`5aYf]WU

HYfa 'H\fYY''##'&\$&\$

7 ci fgY[·]Cj Yfj]Yk

GHJZZ7cbHJWh78YHJ]`g

7cbj Ybcfg

BUa Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D∖cbY
8Ub]Y``: `Ya]b[X"ZYa]b[4 i bgk "YXi "Ui	9aU)``hc`UffUb[Y`Ub Uddc]bhaYbh		

GWXcc`7cbHJWhr≢bZcfaUh]cb

GW&cc``cZ<iaUb]h]Yg`UbX`@Ub[iU[Yg

7cifgY[·]8YHJ]`g

7 fYX]hDc]bhg***

Gi a a UfmcZh\Y'7ci fgY

H\Y'Y'YWjcb'cZ8cbU'X'Hfi a d'hc'h\Y'I b]hYX'GHUHYg'dfYg]XYbWn\][\`][\hg'[Ud]b['f]Zg']b'h\Y'gcWjYhmUbX dc']hJWg'cZh\Y'WcbHYa dcfUfmI b]hYX'GHUHYg''8YWUXYg'cZ]bWfYUg]b[']bYei U`]hmž'[`cVU`]gUh]cb'UbX'W `hi fU` WcbZ]WiVYhk YYb'fY`][]ci g'WcbgYfj Uhj Ygž']VYfHUf]Ubg'UbX'k \Uh'5a Yf]WUbg'WU``fj[VYfU`gfi\Uj Y``YZh 5a Yf]WUb'dc`]hJWg'UbX'gcWjYhma cfY'X]j]XYX'h\Ub']h\Ug'VYYb'Zcf'\U`ZU'Wfbhi fm''5hh\Y'gUa Y'hja Yž'h\Y I b]hYX'GHUHYg'fYa U]bg'h\Y'k cfXfg'[fYUHYghdck YfžYI YfWjg]b['Ub'Ybcfa ci g`gUm]b'[`cVU``[cj YfbUbVW'ž Zfca 'YWcbca]Wg'hc'h\Y'Ybj]fcba Ybh''H\]g'Wci fgY'YI d`cfYg`_YmY'Ya Ybhg']b'h\Y'a U_]b['cZHfi a dfg 5a Yf]WU''': cW g]b['dUff]W `Uf'mcb'h\Y'dYW`]Uf'&\$h\!Wfbhi fmI G'\]ghcf]Yg'cZWUggžfUWfžfY`][]cb'UbX ['cVU`Yb[U[Ya Ybhžmci 'k]``YUfb'\ck'h\Y'k cfXfg'c`XYgh`]VYfU`XYa cWfUWn\Ug'VYWca Y'gi W\'U'j]hU``UbX ZfUi [\hZcfWf']b'h\Y'WcbHYa dcfUfmk cf'X"

7cifgY`@YUfb]b[`CihWcaYg

%" 5bU`mgY`_Ym]XYUgžYj YbhgždYcd`YžUbX`XYj Y`cda Ybhg`]b`fY`Uh]cb`hc`a cXYfb`5a Yf]WUb`\]ghcfm' &" 9j U`i UhY`fY`Yj Ubh`\]ghcf]c[fUd\mUbX`fY`UhYX`gW\c`Uf`m`]hYfUhi fY"

- ' " 9I d`U]b`\]ghcf]WU``ei Ygh]cbg`i g]b[`Yj]XYbWY!VUgYX`Uf[i a Ybhg`VUgYX`cb`]bXYdYbXYbhm`cWUhYX df]a UfmUbX`gYWcbXUfmigci fWYg"
- ("7caaib]WUHY']XYUg'h\fci[\`kf]h]b['UbX'cfU``dfYgYbHUH]cb"

HYUWX]b[GhfUhY[]Yg

H\Y'HYUW\]b['ZcfaUhcZh\]g'WcifgY']bWiXYg`YWifYg'UbX'hihcf]U`g"'H\]g'WcifgY'Yad`cmg'U'HYUW\]b[ghfUhY[mh\UhigYg'WiffYbhUZU]fg'Ug'U'WcbgHUbhhciW\ghcbY'hc`\Y`d'ghiXYbhg'hc`igY'\]ghcfmhc'ibXYfgHUbX h\Y'dfYgYbh''H\]g'UddfcUW\'U`gc'hYUW\Yg'mci'hc'igY'\]ghcf]WU``]bZcfaUh]cb'hc'Yb[U[Y'Wf]h]WU``mk]h [cjYfbaYbh'gd]bž'aYX]U'V]Ugž'UbX'dcdi`Uf'ghYfYchmd]b["'H\Y'UWh]j]h]Yg']b'h\Y'WcifgY'UfY'Vi]'hUfcibX UWh]jY'dUfh]W]dUh]cb'UbX'Yb[U[YaYbhh\fci[\'U'fUb[Y'cZ]bX]j]XiU``UbX'[fcid!VUgYX'UWh]j]h]Yg"

ghUbXUfXg`cZUggYgga YbhVUgYX`cb.`i bXYfghUbX]b[`cZh\Y`hcd]W'i gY`cZ\]ghcf]c[fUd\m'ghYb[h\`cZ fYgYUfVk/ghYb[h\`cZUf[i a Ybh'k f]hhYb`YI dfYgg]cb/fYZYfYbW]b[/UbX`dfYgYbhUh]cb"

Hi fb]h]b`gYh]b[.`H\]g`Ugg][ba Ybh]g`gi Va]hhYX`h\fci [\`Hi fb]h]b`UbX`gh XYbhg`WUb`gYY`Hi fb]h]b`g]a]`Uf]hm fYdcfng"

5ggYgga Ybh' . 5H\ca Y Z]bU` YI Ua]bUh]cb

GHUfh'XUhY.: cfa U`9I Ua DYf]cX

@Yb[h\.'%ž\$\$\$*kcfXg

8YHJ]`g.

%2\$\$\$`k cfXg"`Ghi XYbhg`k]```Ubgk Yf`cbY`hYghei Ygh]cb`h\Uhk]```VY`VUgYX`cb`h\Y`cbY`cZh\Y`a U]b`h\Ya Yg`cZ h\Y`Wci fgY`h\Uh\Ug`VYYb`UbU`mgYX`]b`fYUX]b[gžhi hcf]U`g`UbX``YWhi fYg"

Ghi XYbhgʻk]``fYWY]j YʻUʻa Uf_ʻUbXʻZYYXVUW_ʻVUgYXʻcbʻh\Yʻfi Vf]WZfca ʻHi fb]h]b"`H\Yʻfi Vf]Wk]``ci h]bYʻh\Y ghUbXUfXgʻcZUggYgga YbhVUgYXʻcb.ʻi bXYfghUbX]b[`cZh\Yʻhcd]Wʻi gYʻcZ\]ghcf]c[fUd\m'i gYʻcZYj]XYbWY/ ghYb[h\cZUf[i a Ybh'k f]hYbʻYI dfYgg]cb/fYZYfYbV]b[/UbX`dfYgYbhUh]cb"

Hi fb]h]b`gYh]b[.`H\]g`Ugg][ba Ybh]g`gi Va]hhYX`h\fci [\`Hi fb]h]b`UbX`gh XYbhg`WUb`gYY`Hi fb]h]b`g]a]`Uf]hm fYdcfng"

FYgci fWg

DfYgWf]VYX F Ygci fWyg

H\]g`k]```VY`a UXY`Uj U]`UV`Y`cb`A ccX`Y`UbX`@Y[Ub**tc**"

FYWca a YbXYX FYgci fWYg

H\]g`k]```VY`a UXY`Uj U]`UV`Y`cb`A ccX`Y`UbX`@Y[Ubhc"

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

=kY`WcaY`mcif`ZYYXVUW_`j]U`Am9IdYf]YbWY"

Gi Va]gg]cb cZ5ggYgga YbhHUg_g

Hi fb]h]b Gi Va]gg]cb

Zmci YbWci bhYf'U'dfcV'Ya 'k \Yb'UhYa dhjb['hc'gi Va]hmci f'Ugg][ba YbhN fci [\ 'Hi fb]hjbžd'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'mYUfŁ'' Zmci UfY'i bUV'Y'hc'gi Va]hmci f'Ugg][ba YbhXi Y'hc'U'ZJi `hk]h\'Hi fb]hjb'mci 'a UmUdd`mZcf'Ub'YI hYbg]cbžVi hmci a i ghfYhU]b'mci f'hjW_Yhbi a VYf'Zfca '9I hYfbU'`Gi ddcfhfU'cb['k]h\ 'Ubmch\Yf'fY'Yj UbhXcW a YbhgŁhc]bWi XY'Ug'Yj]XYbWY hc'gi ddcfhmci f'YI hYbg]cb'Udd`]WUh]cb'' Zmci 'Ya U]`'9I hYfbU'`Gi ddcfhimci 'k]`` Ui hca UhjWU'`mfYWY]j Y'U'hjW_Yhbi a VYfžVi h]Zmci 'hY`Yd\cbY'mci 'k]``bYYX'hc'gdYWJZWU``mUg_'Zcf'cbY" Hi fb]hjb'U`gc'dfcj]XYg'i dXUhYg'cb'h\Y]f'gmghYa 'gfUh'g'cb'Hk]hYf"

; YbYfU``mž'UggYgga YbhHUg_g`a i ghVY`gi Va]HYX`Y`YWfcb]WU``mj]U`Y]H\Yf`Hi fb]h]b`cf`U`A ccX`Y Ugg][ba YbH'`=b`]bgHUbWfg`k \YfY`H\]g`]g`bchdcgg]V`Yž`]hk]```VY`gHUHYX`cb`mci f`Wci fgY**'**g`A ccX`Y`g]HY`k]H\ U`HYfbUh]j Y`gi Va]gg]cb`XYHU]`g"

: cf`]bZcfa Uh]cb`cb`\ck `hc`gi Va]hUgg][ba Ybhg`cb`]bY`j]U`A ccX`Y.`\hhdg.##gh XYbh'i bgk "YXi "Ui #\ck! gi Va]hUgg][ba Ybha ccX`Y

5WUXYa]W<cbYghmUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i g]b['H\Y`k cfXg`cf`]XYUg`cZcH\Yfg`UbX`dfYgYbH]b['H\Ya `Ug`mci f`ck b"`=h\Wb`HU_Y`a Ubm Zcfa gžZīca `XY`]VYfUHY`W\YUH]b['hc`UWV]XYbHU``mWcdm]b['Zīca `U`gci fW'`k]H\ci hUW_bck `YX[Ya YbH'

I BGK '[fci dg'd`U[]Uf]ga ']bhc'h\Y'Zc``ck]b['WUhY[cf]Yg.

- i bXYfgHJbX'mci f`f][\hg`UbX'fYgdcbg]V]`]h]Yg`Ug`U`ghi XYbh'Uh'I BGK
- VY Uk UfY cZdU[]Uf]ga žWcdmf][\lbzi BGK Ghi XYbh7 cXY cZ7 cbXi Wh0bX 5WW/dhUVY I gY cZ I BGK '=7 H'F Ygci fW/g'Dc']Wh
- VY Uk UfY cZh Y gHUbXUfXg cZVY Uj]ci f YI dYWYX cZYj YfmcbY]b h Y I BGK Wca a i b]m
- `cWUHY'gYfj]WYg'UbX']bZcfa UHjcb'UVci hI BGK 'UbX'I BGK '@VfUfm

Gca YicZh\YgYiUfYUgik]``VYiZJa]`]Ufihcimci žich\Yfgik]``VYibYk"'; U]b]b[`Uigc`]Xii bXYfgHUbX]b[`cZU```h\Y fY`UhYXiUgdYWfgicZ9@=G9ik]``\Y`dimci ia U_Yih\Yia cghicZmci fighi X]YgiUhil BGK"' <u>\hhd.#qi VYWfii]XYg"`]VfUfm"i bgk"YXi"Ui #Y`]qY#UVci hY`]qY</u>

