



# ARTS1452

# =blfcXiWtcfmi7\]bYgY`Zcf`6UW\_[fcibX`GdYU\_Yfg`5

# 7 ci fgY<sup>·</sup>Cj Yfj ]Yk

# `GHJZZ`7cbHJWh`8YHJ]`g`

#### '7cbj Ybcfg'

B Ua Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D\cbY
DUb <sup>°</sup> K Ub[	DUb"k Ub[4 i bgk "YXi "Ui	6mUddc]bha Ybh	A cfj Yb 6fck b &( *	-',)&'(-

#### °@Y₩ni fYfg'

BUa Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D∖cbY
DUb <sup>.</sup> K Ub[	DUb"k Ub[4 i bgk "YXi "Ui	6miUddc]bha Ybh	A cfj Yb <sup>-</sup> 6fck b &( *	- ' , ) &' ( -
7\Yb[!kY] <sup>-</sup> KUb[	7\Yb[!kY]"kUb[4 i bgk "YXi "Ui		A cfj Yb <sup>-</sup> 6fck b &( \$	-',)`&,%)

#### 'Hihcfg'

BUa Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D∖cbY
7\Yb[!kY]KUb[	7\Yb[!kY]"kUb[4 i bgk "YXi "Ui	6mUddc]bha Ybh	A cfj Yb <sup>-</sup> 6fck b &( \$	- ' , ) `&, %)
<iub[\iub['7\yb< td=""><td>\iUb[\iUb["WXYb4 ibgk"YXi"U i</td><td>6m5ddc]bha Ybh</td><td>A cfj Yb 6fck b &amp;%\$</td><td>D`YUgY'Ya U]`</td></iub[\iub['7\yb<>	\iUb[\iUb["WXYb4 ibgk"YXi"U i	6m5ddc]bha Ybh	A cfj Yb 6fck b &%\$	D`YUgY'Ya U]`
Mʃb[`]'Gi b	m]b[`]"gi b4 i bgk "YXi "Ui	6m5ddc]bha Ybh	A cfj Yb 6fck b &) )	-',)`&*(\$
L]UckY]'N\Ub[	\U`4 i bgk "YXi "Ui	6m5ddc]bha Ybh	A cfj Yb 6fck b &‰	D`YUgY'Ya U]`

#### GWX.cc``7cbHJWhi=bZcfaUh]cb

GWkcc``cZ<iaUb]h]Yg'UbX'@Ub[iU[Yg

@cWUhjcb. `GW&cc``CZjWYžA cfjYb`6fckb`6i]`X]b[ž@YjY``&ž&),

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

D\cbY.'Ž\*%&'-',)'%\*,%

: UI . Ž\*%&'-' , ) ', +\$)

9a U]`. <u>\U`4 i bgk "YXi "Ui</u>

# 7ci fgY<sup>·</sup>8YHJ]`g

#### 7 fYX]hDc]bhg\*\*\*

## Gi a a UfmcZh\Y'7 ci fgY

#### Gi VYWhUfYU. 5Z[ WeWE fgV[We

H\]gʻ]bhfcXi Wrcfm7\]bYgY'Wci fgY`]gʻZcfʻ7\]bYgY'VUW\_[ fci bX`gdYU\_Yfg`k\c`fYWc[ b]gY`ZYk Yf`h\Ub`) \$ 7\]bYgY'WLUfUWhYfg"`GHUfh]b[ `Zrca `D]bm]bž'h\Y`cZ]WJU``d\cbYh]WgmghYa `cZGHUbXUfX`7\]bYgYž'h\Y`Wci fgY \Y`dg`mci `YgHUV`]g\`U`gmghYa Uh]W`YUfb]b[ `dUhhYfb`UbX`XYj Y`cdg`mci f`Zci f``Ub[ i U[ Y`g\_]``gʻf]"Y"``]ghYb]b[ ž gdYU\_]b[ ž'fYUX]b[ `UbX`k f]h]b[ 'z`]b`Ub`]bhY[ fUhYX`a UbbYf"`=hi]bhfcXi WYg`mci `Uddfcl ]a UhY`m%) \$`j cWUVi `Ufm k cfXgž'U`cb[ `k]h\`h\Y`UggcWJUhYX`gcW]cW`hi fU``UbX``]b[ i ]gh]WUk UfYbYgg`]b`XUmhc!XUmhc]Wgžgi W.`Ug

5ggYgga Ybh (.: ]bU 9l Ua

GHJfhXUHY.: cfa U`YI Ua dYf]cX

@Yb[ h\. '%&\$'a ]bi hYg

8YhU]`g, `H\Y`Z|bU``YI Ua `]g`Vca dfY\Ybg]j Y`UbX`YI Ua ]bYg`ghi XYbhgfi@]ghYb]b[ ž`F YUX]b[ `UbX`K f]h]b[ `g\_]``g Vcj YfYX`h\fci [ \ci hih\]g`Vci fgY'' ≢i]g`gW\YXi `YX`]b`h\Y`Zcfa U``YI Ua ]bUh]cb`dYf]cX`f%&\$`a ]bi hYgŁ''`H\]g`]g h\Y`Z|bU``UggYgga YbhZcf`UhHYbXUbWY`di fdcgYg''

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

		]
		-
		-
		-
		-

## FYgci fWg

## DfYgWf]VYX F Ygci fWYg

%" ≠bhY[fUhYX'7\]bYgYžJc`iaY`%ž'HYIhVcc\_ž'(h\`9X]h]cb`fG]ad`]Z]YXŁ' f17 cadi`gcfmŁ

&"`≠bhY[fUhYX`7\]bYgYžJc`iaY`%zKcf\_Vcc\_ž(h\`9X]h]cb`fG]ad`]Z]YXŁ' ``f17cadi`gcfmŁ

'"'=bHY[fUHYX'7\]bYgYžJc`i a Y'%2'7\UfUWHYf`K cf\_Vcc\_ž(h\`9X]h]cb`fG]a d`]Z]YX'UbX'HfUX]h]cbU`Ł # fCdh]cbU`Ł

#### FYWca a YbXYX FYgci fWYg

5i X]c`fYWcfX]b[g`cZh\Y`hYI h/cc\_g`UbX`k cf\_Vcc\_g`UfY`Uj U]`UV`Y`cb`A ccX`Y

%"`Ghfc\_Y`CfXYf

- 5 fWX '7 \]bYgY.'<u>\htd.##k k k "UfWX WX ]bYgY"Wca</u>
- MY``ck '6f]X[Y. <u>\htd.#k k k "mY``ck Vf]X[Y"Wca #/\]bYgY#/\]bYgY!X]WqcbUfm'd\d</u>

#### &"`7\]bYgY!9b[`]g\`8]\\**M**]cbUfm

• A UbXUf]b Hcc`f bU\$

## Gi Va ]gg]cb cZ5ggYgga YbhHUg\_g

# 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]hjbž'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'mYUfŁ'" =Zmci UfY'i bUV'Y'hc'gi Va ]hmci f'Ugg][ ba YbhXi Y'hc'U'ZUi `hk ]h\ 'Hi fb]hjb'mci 'a Um'Udd`mZcf'Ub'YI hYbg]cbž'Vi hmci a i ghfYhU]b'mci f'hjW\_Yhbi a VYf'Zfca '9I hYfbU``Gi ddcfhfU`cb[ 'k ]h`Ubm'ch\Yf'fY`Yj UbhXcW a YbhgŁ'hc ]bWi XY'Ug'Yj ]XYbWi'hc'gi ddcfhimci f'YI hYbg]cb'Udd`]WUh]cb''`=Zmci 'Ya U]``9I hYfbU``Gi ddcfhimci 'k ]``

#### 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"`=hWUb`hU\_Y`a Ubm Zcfa gžZca `XY`]VYfUhY`W\YUh]b[`hc`UWW]XYbhU``mWcdm]b[`Zca `U`gci fWY`k]h\ci hUW\_bck `YX[Ya Ybh'

IBGK [fcidg'd`U[]Uf]ga ]bhc h\Y Zc``ck]b[ WUhY[cf]Yg.

7 cdm]b[..i g]b[.ih,Y`gUa Y`cf`j Yfmig]a ]`Uf`k cfXg`hc`h,Y`cf][]bU``hYI h`cf`]XYU`k ]h\ci hUW\_bck `YX[]b[`h\Y gci fWF`cf`i g]b[`ei chUh]cb`a Uf\_g"`H\]g`U`gc`Udd`]Yg`hc`]a U[YgžUfhUbX`XYg][b`dfc´YWfgž'Ug`k Y```Ug dfYgYbhUh]cbg`k \YfY`gca YcbY`dfYgYbhg`Ubch\Yf\*g`]XYUg`cf`k cfXg`k ]h\ci hWfYX]h"

=bUddfcdf]UhY`dUfUd\fUg]b[..7\Ub[]b[`U`ZYk`k cfXg`UbX`d\fUgYg`k \]`Y`a cghmfYhU]b]b[`h\Y`cf][]bU` ghfi Whi fY`UbX#cf`dfc[fYgg]cb`cZ]XYUg`cZh\Y`cf][]bU`žUbX`]bZcfa Uh]cb`k]h\ci hUW\_bck`YX[Ya Ybh`H\]g`U`gc Udd`]Yg`]b`dfYgYbhUh]cbg`k \YfY`gca YcbY`dUfUd\fUgYg`Ubch\Yf'g`]XYUg`cf`k cfXg`k]h\ci hWfYX]hUbX`hc d]YW]b[`hc[Yh\Yf`ei chYg`UbX`dUfUd\fUgYg`]bhc`U`bYk`k \c`Yžk]h\ci hUddfcdf]UhY`fYZYfYbW]b["

7 c``i g]cb. k cf\_]b[ k ]h ch Yfg Vi hdUgg]b[ cZth Y k cf\_'Ug U dYfgcb'g ]bX]j ]Xi U`k cf\_'' 7 c``i g]cb U gc ]bWi XYg dfcj ]X]b[ 'mci f k cf\_'hc Ubch Yf gh XYbhVYZcfY h Y Xi Y XUhYžcf Zcf'h Y di fdcgY cZh Ya

- i bXYfgHJbX\*mci f\*f][\hg\*UbX\*fYgdcbg]V]`]h]Yg\*Ug\*U\*ghi XYbh\*Uhil BGK
- VY 'Uk UfY 'cZd'U[]Uf]ga ž Wcdmf][ \hzi I BGK 'Ghi XYbhi7 cXY 'cZ7 cbXi WhubX '5 WW dhuV Y I gY 'cZ I BGK '=7 H F Ygci fW g'Dc']Wh
- VY Uk UfY cZh Y gHUbXUfXg cZVY Uj ]ci f YI dYWHYX cZYj YfmcbY ]b h Y I BGK Wea a i b]m
- `cWUHY'gYfj ]WYg'UbX']bZcfa UHjcb'UVci hI BGK 'UbX'I BGK '@]VfUfm

Gca Y'cZh\YgY'UfYUg'k]``VY'ZJa]`]Uf'hc'mci žch\Yfg'k]``VY'bYk"'; U]b]b['U'gc`]X'i bXYfgHJbX]b['cZU``'h\Y fY`UhYX'UgdYWfg'cZ9@=G9'k]``\Y`d'mci 'a U\_Y'h\Y'a cghcZmci f`gh X]Yg'Uh'l BGK "' \htd.#gi VYWf[i]XYg"`]VfUfm'i bgk "YXi "Ui #Y`]gY#UVci hY`]gY