**ARTS1480** 

=bhfcXiWtcfmi: fYbWX 5

HYfa 'Hk c''#'&\$&%

# 7 ci fgY<sup>-</sup>Cj Yfj ]Yk

## GHJZZ7cbHJWhi8YHJ]`g

#### 7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@c₩Jh]cb	D∖cbY
J U`Åf]Y '7 ca VY! ; Yfa Yg	j "Wca VY[Yfa Yg4 i bgk "YXi "Ui	A cbXUm%\$'!'%% fdf]j UhY'Webgi `hUh]cb ]b'HYUa głž K YXbYgXUm%%hc %&'fdi V`]WE / 5 gYgg]cb']b'HYUa gł cf'VmUddc]bha Ybh fJ UWY!hc!ZJWY'cf cb`]bY'df]j UhY Webgi `hUh]cbgł	A cfj Yb 6fck bž Yj Y``&žfcca &+%	f\$&L'-\$*)`! -, %%

#### Hihcfg

BUa Y	9a U]`	5j U]`UV]`]m	@c₩Uhjcb D∖cbY
B]bU <sup>·</sup> 7ccfYm	b]bU"WccfYm4 i bgk "YXi "Ui	6mUddc]bha Ybh'	A cfj Yb`6fck bžHc`6Y `Yj Y``&žfcca 5bbci b₩X &++
A cb]ei Y`@Ui fU	a "`Ui fU4 i bgk "YXi "Ui	6mUddc]bha Ybh'	A cfj Yb 6fck bžf\$&Ł-\$*) '! `Yj Y``&žfcca &' &+ &++

#### GWX.cc``7cbHJWhi=bZcfaUhjcb

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

@cWUhjcb. `GW&cc``CZJWYžAcfjYb 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>

7cifgY<sup>·</sup>8YHJ]`g

7 fYX]hDc]bhg`\*`

Gi a a UfmcZh\Y'7ci fgY

K \mbchi≿]biħYif]Wkžj]VfUbhUbXiX]jYfgYiWcaaib]micZ:fYbWkigdYU\_YfgiUfcibXiħYikcfXiUbXiVYWcaYiU

]b"h\Y"WcifgY"

 YYXVUW\_. Yj Yfmg]b[ Y Wca dcbYbh]b h\Y Wci fgY ]g WcbXi WJ Y hc ZYYXVUW\_ fUi hca UhYX ZYXVUW\_ ]b cb`]bY UWhj ]hJYgžj YfVU``UbX k f]hhYb ZYYXVUW\_ Zca mci f h hcfE" H\Y Wca d`Yhjcb cZU fYZYWhj Y YUfb]b[ 'ci fbU``k ]``\Y`d mci `Wcbgc`]XUhY UbX YI dUbX mci f `YUfb]b[ `UbX`\Y`d`i g ZjbX k Umg hc gi ddcfhmci f k Y``!VY]b[ `UbX gi WWrgg`]b h\Y Wci fgY"

# 5ggYgga Ybh

HfUj Y``UffUb[Ya Ybhg`a UXY`df]cf`UbX#cf`UZhYf`h\Y`di V`]WUh]cb`cZh\]g`Wci fgY`cj Yfj ]Yk `UfY`bchU`j U`]X YI W gY`Zcf`h\Y`fYgW\YXi `]b[`cZUbmUggYgga Ybh'

D`YUgY`bchY`h\Uhihincf]U`g`f]bWiX]b[`cb`]bY`hincf]U`g`]b`NccaŁik]``bchVY`fYWcfXYX`Zcf`Vch\`df]jUWmUbX UhhYbXUbWY`difdcgYg"`5hhYbXUbWY`hc`hincf]U`gžik\]`Y`bchWcadi`gcfmž`]g`YggYbh]U``hc`giWWYggžYgdYW]U``m VYWUigY`gcaY`UWfjj]h]Yg`]b`h\Y`fYZYWfjjY``YUfb]b[`^cifbU``k]``XfUk`Zfca`mcif`YIdYf]YbWY`]b`WUgg"

### 5ggYgga YbhHUg\_g

5ggYgga YbhHJg_	K Y][ \h	8iY`8UHY	GhiXYbhi@YUfb]b[ CihWcaYgʻ5ggYggYX
FYZYWMJjY``YUfb]b[`ĉifbU``	(\$1	I bh]``k YY_'%\$`flUgh gi Va ]gg]cb`Xi Y`A cbXUm k YY_'%∕Ł	%ž &ž' Ž (
E i ]nnYg <sup>·</sup>	(\$1	E i ]n`%Uj U]`UV`Y`VYfk YYb \$' #\$+`UbX`\$*#\$+#&\$&%Ž`E i ]n &`k ]``VY`Uj U]`UV`Y`VYfk YYb ' %#\$+`UbX`\$' #\$, #&\$&%"	%ž''
J ]XYc Ugg][ ba Ybh	&\$1	8iY'cb']fghXUmcZ: cfaU` 9IUa 'DYf]cX	%ž`'ž(

## 5ggYgga Ybh8YHJ]`g

5ggYgga Ybh'% FYZYWjjY`YUfb]b[ ^ci fbU`

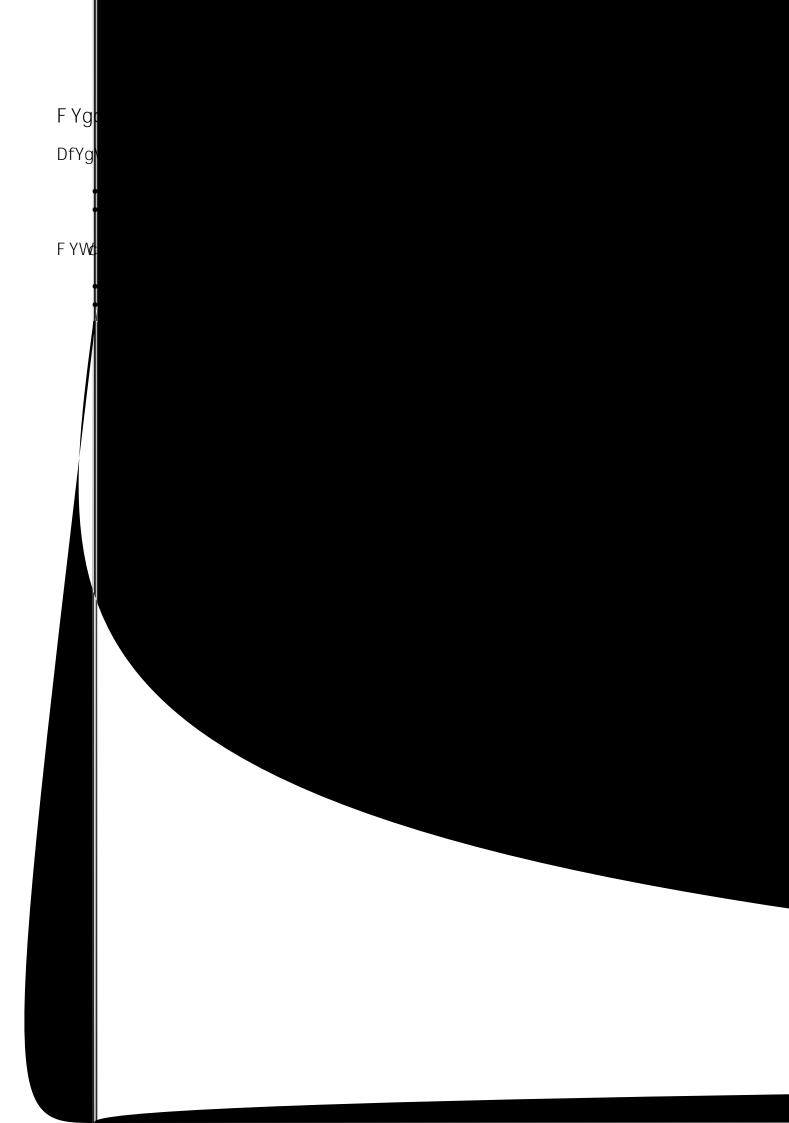
GHJfhXUHY.: fca kYY\_'%Zcb[c]b[ kYY\_`m

@Yb[h\.

Hi fb]h]bʻgYh]b[.'H\]gʻ]gʻbchU'Hi fb]h]bʻUgg][ ba Ybh 5ggYgga Ybh&.'E i ]nnYg GhUfh'XUhY.'Bch'5dd`]WUV'Y @Yb[ h\.'&\$'a ]bi hYg'YUW\'h]a Y 8YhJ]`g.

1		

		,	
1			



# 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'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 YbhgŁ'hc ]bWi XY'Ug'Yj ]XYbWY hc'gi ddcfhimci 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 VYfž'Vi 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 'gfUhi 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'

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

i bXYfgHUbX\*mci f\*f][\hg\*UbX\*fYgdcbg]V]`]h]Yg\*Ug\*U\*gh XYbhUhI BGK