



# ARTS1240

9bj ]fcba YbhUbX`GcWYIm

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

7ci fgY`Cj Yfj ]Yk

GHJZZ7cbHJW`8YHU]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]hcb	D\cbY
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@cW]hcb. `GW\cc``C Z]WžA cfj Yb'6fck b'6i ]X]b[ ž@Yj Y`&ž&),

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

D\cbY. `ž\*%&'- ' , ) `%, %

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

7ci fgY'8YHJ`g

7fYX]hDc]bHg`\*`

Gi a a UfmicZ\hY'7ci fgY

5F HG%&(\$ "9bj ]fcb a YbhUbX'GcWYhm' fYVc[ b]gYg'hY'i f[ YbWnigi ffc i bX]b[ 'hY'W ffYbhgHUh'cZ9UfA" H\]g'Vci fgY'ZcW gYg'cb'XYj Y'cd]b[ 'W]h]WU' ]bg][ \hg ]brc'hY'\i a Ub'X]a Ybg]cbg'cZYbj ]fcb a YbH' ]ggi YgZ Zca`Yj YfmXUm]ZYgmY'XYW]g]cbg'hc'Vc`YW]j Y'VXc]Wg/]bWi X]b[ ' ]ggi Yg'gi W'Ug'i fVUb XYj Y'cda Ybhz'fYgci fW' i gY'f][ \hgZ'YbYf[ mUWWggZ'UbX'ZcX'dfcXi W]cb" 5F HG%&(\$ 'k ]`dfcj ]XY'mci 'k ]h hc'g'hc'UbU'mgY'\ck'W'h fU'Z'YVc'bca ]V'UbX'dc'h]WU'gmgH'a g'ja dUW]X]ZYfYbhYVc'gmgH'a g'cZk \]W \i a Ubg'UfY'U'dUfH'9bj ]fcb a YbhUbX'GcWYhm]k ]`Yb[ U[ Y'mci 'k ]h'YI Ua d'Yg'cZ\ck'hY'd'UW]g'hUhk Y g\UfY'k ]h'U' ]j ]b[ 'WYUhi fYg'UfY ]bZi YbW'X'UbX'a cX]ZYX'VmVc'a dYh]b[ ' ]bH'fYgHg" H\]g'Vci fgY'U]a g'hc ]bZ'fa'UbX'YbVci fU[ Y'h]b\_]b[ 'hUh[ YbYfUHY'g'cWU'W'Ub[ Y'k ]h'cb[ c]b[ ' ]cVU' ]a dUW]g"

5F HG%&(\$ ]g'U' [ UHk UmVci fgY ]brc'hY'9bj ]fcb a YbH'<i a Ub]h]Yg'UbX' ]g'U'a UbXUrcfmVci fgY ]b'hY ; Yc[ fUd\]WU'Gh X]Yg'a U'cf"

7ci fgY@YUfb]b[ 'Ci hVc'a Yg

- %` ÆYbh]zn'UbU'mgY'UbX'YI d'U]b'hY'fUb[ Y'cZYbj ]fcb a YbH'`dfcV'Ya g'ZUW]X'VmVc'bhYa dcfUfm gcWYhm'
- &" 7 f]h]WU'm]bh'ffc[ UH'hY'fY'U]c]bg\]d'VYHk Y'Yb'\i a Ub'Vc'a a i b]h]Yg'UbX'hY'k ]XYf'Ybj ]fcb a YbHg h'Ym]b\UV]h'XfUk ]b[ 'cb'hY' ]bg][ \hg'cZa i 'h'd'Y'X]gV]d' ]bYg"
- ' " Æ]h]UH' ]bXYdYbXYbh'fYgYUfW'Z'k ]h'XYa cbgH'UH'X'UV' ]h'hc'UggYa V'Y'Z'gmb'hYg]gY'UbX Vc'a a i b]W]h'Z]bX]b[ g'UbX' ]bh'fd'fYU]h]cbg"
- ( " 5dd'mg\_]`g'cZW]h]WU'UbU'mg]gZ'dfcV'Ya 'gc' ]b[ 'UbX' ]bh'fd'fYU]h]cbZ'hc' ]XYbh]Zm]UbX'YI d'cfY'\_Ym Ybj ]fcb a YbH'`W'U'`Yb[ Yg"

HYUW]b[ 'GhfUH' [ ]Yg`

H\Y'Vci fgY' ]g' ]Uj [ \hVmk UmicZU'rk c'\ci f'YW]i fY'Z'U'cbY'\ci f'hi hc'f]U'UbX'cbY'\ci f'cZcb' ]bY'Vc'bh'bh' ?c'V'g' ]YI dYf]Ybh]U'`YUfb]b[ 'W]WY'\Ug'VYYb'i gYX'Ug'U'dfc[ fUa a U]h]W]h'a d'UH'Z'c'f'cf[ Ub]g]b[ 'hY ]bH' [ fU]h]cb'cZ'YW]i fYgZ'h hc'f]U'g'UbX'Ugg][ ba YbHg' ]b' 5F HG%&(\$ "' Æ'YW]i fYgZ'gh XYbHg'k ]`VY' ]bH'cXi W]X hc' ]\_Ym]Vc'bW]dHg' ]b'Ybj ]fcb a YbH'`\i a Ub]h]Yg' i g]b[ ' ]fci bXYX'UbX'fYU'!k cfX'YI Ua d'Yg'hc'YbVci fU[ Y gh XYbHg'hc'fY'UH'`YW]i fY'Vc'bh'bh'hc'Ybj ]fcb a YbH'`UbX'gcW]U'dfcW]ggYg'UbX'\UddYb]b[ g'cW]W'ff]b[ ' ]b hY]f' ]j Yg" 'Gh XYbHg'd'fYdUfY'Ub'YggUm]VUgYX'cb`YW]i fY'hYa Yg'UbX'hY'gi ddc'f]b[ ' ]h'fUhi fY"Hi hc'f]U' YI YfW]gYg'YbVci fU[ Y'gh XYbHg'hc' ]bVc'f'c'fU]h' ]g]i U' ]a U[ Yfm]brc'hY'f'i bXYfgh]UbX]b[ 'cZVc'a d'YI d'fcV'Ya gZ'Z'gh'f'W]h]WU'fYUX]b[ 'g\_]`gZ'UbX'XYVUH'h hc'f]U'hc'd]V]g'Ua cb[ 'hY]f'd'YfYg" 5'Z]bU'YI Ua ' ]g'i gYX hc'YI Ua ]bY'gh XYbhVc'a d'fY\Ybg]cb'cZ'YW]i fY'Vc'bh'bh'UbX'fYUX]b[ g" 'H\Y'UggYgga YbHg'UfY'i gYX'hc XYj Y'cd'gh XYbHg'f'k f]h]b[ 'UbX'W]h]WU'UbU'mg]g'g\_]`g'UbX'UggYgg'Vc'h'hY'f'i bXYfgh]UbX]b[ 'cZ'hY'Vci fgY hc'd]V]g'UbX'hY]f'UV' ]h'hc'Vc'bg'f'i W]i'c[ ]WU'Uf[ i a YbHg"

5ggYgga Ybh

5ggYgga YbhHUg\_g

5ggYgga YbhHUg_	K Y][ \h	8i Y'8UH	Gh XYbh@YUfb]b[ Ci hWca Yg'5ggYggYX
HU_Y'\ca Y'YI Ua	( \$l	&) #*\$ #&\$&%%%\$\$'DA	%ž'&ž' ž(
; fci d'DfYgYbhU]cb'	&\$l	K YY_g+'UbX',	%ž' ž(
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5ggYgga Ybh8YHU]`g

5ggYgga Ybh% 'HU\_Y'\ca Y'YI Ua

GhUfhXUH. 'Bch5dd]WVY

@Yb[ h. '% \$ \$'k cfXg

8YHU]`g.

Gh XYbfg'k ]`bYYX'hc'Ubgk Yf'( 'ci hcZ, 'dfYgYbhYX'ei Ygh]cbg'fY'UH'X'hc''YWh' fY'UbX'h' hc]U''WcbY'bh'9UWX  
g\cfhYggUmUbgk Yf'Wb'VY'i d'hc'(\$ \$'k cfXg"

8YHJ]g.

%%\$\$k cfXg" Mci 'UFY'fYei ]fYX'hc 'Wca d'YH'cbY'YggUmZfca 'hk c'cdh]cbg"

K f]hYb'ZYXVUW\_k ]`dfcj ]XYX'j ]U'Hi fb]h]b'k ]h'h\Y'i gY'cZU'a Uf\_]b[ 'fi Vf]W

Hi fb]h]b'gYh]b[ . 'H\]g'Ugg][ ba Ybh]g'gi Va ]hYX'h'fci [ \ 'Hi fb]h]b'UbX'ghi XYbh]Xc'bcHgYY'Hi fb]h]b'g]a ]Uf]h]mifYdcfry"



F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

7 ci fgY`fYUX]b[ g`Uj U]UV`Y`j ]U`Y[ Ubhc

F YWca a YbXYX`F Ygci fWg

GYY`UVcj Y"

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

7 ci fgYg`UFY`dYf]cX]WU`mfYj ]Yk YX`UbX`gh XYbhtg`ZrYXVUW`]g`i gYX`hc`]a dfcj Y`hYa`": YXVUW`]g`  
[ U`hYfYX`Zca`gh XYbhtg`i g]b[ `a m9I dYf]YbW`" `h]g`YbWci fU[ YX`hUhigh XYbhtg`Wca d`Yh`hY]f`gi fj Ymg`Vm  
UW`gg]b[ `hY`dYfgcbU`]gYX`k YV`]b`\_j ]U`hY`A ccX`Y`Wci fgY`g]h"

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'fI \*) 'XUmg'U'mYUfI" 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 YbHgE'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]WU'm'fYW]j Y'U'h]W\_Yhbi a VYfž'Vi h]Zmci 'HY'Yd\cbY'mci 'k ]'b'YX'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'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]bg]UbVW'g'k \YfY'H'g ]g'bc]hdccg]V'Yž'hk ]'VY'ghUH'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 YbHg'cb]bYj ]U'A ccX'Y. \hhdg.#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`cfXg`cf`]XYUg`cZc`h`Yfg`UbX`d`fYgYbh]b[ `h`Ya`Ug`mci`f`ck`b``#WUb`hU`\_Y`a`Ubm  
Zcfa`gZ`Zca`X`Y`]VYfU`h`V`X`Y`U`h]b[ `h`c`U`W`Y`X`Y`b`h`U`m`i`W`c`d`m]b[ `Z`ca`U`g`ci`f`W`k`]h`ci`h`U`W`\_`b`ck`Y`X[ `Ya`Y`b`h`

I`B`G`K` `[`f`ci`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
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