



## ARTS2040

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B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
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D\cbY. f\$&L`- ' , ) `( , ) \*

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# 5ggYgga Ybh

8YHU]YX]bZcfa UH]cb'cb'UggYgga Ybhk ]''VY'Uj U]UV'Y'cb'hY'5F HG&\$(\$ 'A ccX'Y'g]hY

## 5ggYgga YbhHUg\_g`

5ggYgga YbhHUg_	K Y][ \h	8i Y'8UH	Gh XYbh@YUfb]b[ Ci hWta Yg'5ggYggYX
F YUX]b[ 'UbX'F YgYUfW'@c[ '	&)	%* #\$, #&\$% '\$-. \$\$'5A	%ž
A U'cf'9ggUm	( \$	&\$#-\$- #&\$% '\$(. \$\$'DA	&ž ž(
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## 5ggYgga Ybh8YHU]`g

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GHUfhXUH. '

@Yb[ h. 'A ]bcf'Ugg[ ba Ybh

8YHU]`g. 'H\]g'UggYgga Ybh]g'a UXY'i d'cZhfY'Y'dUf'g'cZ) \$\$'k cfXg'UbX'k ]''Wcbg]h hY'%) \$\$'k cfXg' ]b'hcHU''  
 H\Y'Ugg[ ba Ybh'Xi Y'k YY\_'mZcf'hfY'WcbgY'W'hj Y'k YY\_'gž]g ]hgY'Za UXY'i d'cZhfY'Y'dUf'g.%'G\cfh  
 fYUX]b[ 'c[ ž' ]W]X'mk f]hY'b&'G\cfhUbbchUH'X'V]V'c[ fUd\]WYb'fm "'H\Y'dfcj ]g]cb'cZ&'gY'W'cbXUfmUbX  
 fY'UH'X'W'fU]h]cbg ]b'A @5'Zcfa Uhh'UhYI d'fY'g'gh'Y'gh XYb'f]g ]b'hY'fY'gh]b'hY'gY'hfYUX]b[ 'Zcf'hY'k YY\_'žH\Y  
 ]b'hY'b]cb'\Y'fY ]g'hc'dfcj ]XY'U'gWU'Zc'X'cf'U'dU'h'k Um'ck UfXg'hY'bYI hUggYgga Ybhk \]W ]g'hY'a U'cf  
 YggUm'6f]Y'Zk f]hY'b'""fc` ]b[ ""ZYXVUW\_ dfcj ]XYX'Zcf'YUW'gi Va ]gg]cb ]b'h'a Y'Zcf'hY'gi Va ]gg]cb'cZ  
 bYI hfYUX]b[ 'c[ ''

Hi fb]h]b'gYh]b[ . 'H\]g'Ugg[ ba Ybh]g'gi Va ]hY'X'h'fci [ \ 'Hi fb]h]b'UbX'gh XYb'g'Xc'bchgY'Y'Hi fb]h]b  
 g]a ]Uf]m'fYdcf'g"

5ggYgga Ybh&. 'A U'cf'9ggUm

GHUfhXUH. '

@Yb[ h. '&\$ \$!&) \$\$'k cfXg

8YHU]`g. 'H\]g'UggYgga Ybh]g'U'a U'cf'YggUm'cZ&ž) \$\$'k cfXg"@ W]X]m]b'k f]h]b[ 'k ]''VY'Ub'ja d'cf'Ubh'Ugd'Y'W'h  
 cZ'h]g'UggYgga Ybh'k f]hY'b'ZYXVUW\_ž'a Uf\_]b[ 'fi V]f]WU'X'bi a Yf]WU' [ fUXY'dfcj ]XYX' ]b'UXj UbW'cZ]bU'  
 UggYgga Ybh'

Hi fb]h]b'gYh]b[ . 'H\]g'Ugg[ ba Ybh]g'gi Va ]hY'X'h'fci [ \ 'Hi fb]h]b'UbX'gh XYb'g'Xc'bchgY'Y'Hi fb]h]b  
 g]a ]Uf]m'fYdcf'g"

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

8YhU]g. 'H\]g'UggYgga Ybh]g'U'hU\_Y`lca Y`YI Ua "'H\Y'ghi XYbhg'k ]``\Uj Y'h\Y'ei Ygh]cbg'cb'h\Y'ZfghXUmcZ  
h\Y`YI Ua ]bU]cb'dYf]cX'UbX'Ub'YggUmcZ%\$\$\$!%) \$\$'k cfXg'k ]``VY'Xi Y'U'k YY\_`'Uhf'"H\]g'g'h\Y  
ZbU'UggYgga Ybh]f'h\]g'Wci fgY"Bi a Yf]WU' [ fUXY'dfcj ]XYX'j ]U'; fUXYa Uf\_"

Hi fb]h]b'gYh]b[ . 'H\]g'Ugg][ ba Ybh]g'gi Va ]hYX'hfci [ \ 'Hi fb]h]b'UbX'ghi XYbhg'Xc'bcgYY'Hi fb]h]b  
g]a ]Uf]mfYdcf]g"

Gi Va ]gg]cb'cZ5ggYgga YbhHUg\_g

Gh XYbHg'UFY'YI dYWX'hc'di hHAY]f'bUa Yg'UbX'ghi XYbhbi a VYfg'cb'Yj YfmdU[ Y'cZHY]f'Ugg][ ba YbHg"

Hi fb]hb'Gi Va ]gg]cb

Zmci YbWci bhYf'U'dfcV'Ya 'k \Yb'UHYa dh]b[ 'hc'gi Va ]hrci f'Ugg][ ba YbhHfci [ \ 'Hi fb]hbzd'YUgY  
HY'Yd\cbY'9I HYfbU'Gi ddcfhcb'-', ) '' '' %cf'Ya U]'HYa 'cb'[YI HYfbU'HY'fji ddcfh4 i bgk "YXi "Ui."](#)Gi ddcfh  
\ci fg'UFY', .\$\$Ua '-'%. \$\$da 'cb'k YY\_XUmgi'UbX'-. \$\$Ua '-'). \$\$da 'cb'k YY\_YbXg'f1 \*) 'XUmgi'U'mYUfL' Zmci  
UFY'i bUV'Y'hc'gi Va ]hrci f'Ugg][ ba YbhXi Y'hc'U'ZU' 'hk ]H'Hi fb]hb'rci 'a UmiUdd'mZcf'Ub'YI HYbg]cbZ'Vi hrci  
a i ghfYH]b'rci f'h]W\_Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb[ 'k ]H'UbmcHAYf'fY'Yj UbhXcW a YbHg'hc  
]bWi XY'Ug'Yj ]XYbW'hc'gi ddcfhrci f'YI HYbg]cb'Udd' ]W]hcb" Zmci 'Ya U]'9I HYfbU'Gi ddcfhrci 'k ]`  
Ui 'ca UH]W'`miFYW'j] Y'U'h]W\_Yhbi a VYfZ'Vi h]Zmci 'HY'Yd\cbY'rci 'k ]`bYYX'hc'gdYW]W'`miUg\_'Zf'cbY"  
Hi fb]hb'U'gc'dfcj ]XYgi dXUH'g'cb'HY]f'gmghYa 'ghUH'g'cb'Hk ]HYf"

; YbYfU'`mZ'UggYgga YbhHUg\_g'a i ghVY'gi Va ]HYX'Y'YWfcb]W'`mj ]U'Y]HAYf'Hi fb]hb'cf'U'A ccX'Y  
Ugg][ ba Ybh'`b ]bgHUbW'g'k \YfY'h.]g ]g'bchidcgg]V'YZ]hk ]`VY'gUHAY'cb'rci f'Wci fgY'g'A ccX'Y'g]HY'k ]H  
U'HYfbUH] Y'gi Va ]gg]cb'XYH]g"

@UH'5ggYgga YbhDYbU'h]Yg

Gh XYbHg'UFY'fYgdcbg]V'Y'Zcf'HY'gi Va ]gg]cb'cZUggYgga YbhHUg\_g'VmiHY'fYei ]fYX'XUH'g'UbX'h'a Yg"  
8YdYbX]b[ 'cZHY'YI HYbhcZXY'Um]b'HY'gi Va ]gg]cb'cZUb'UggYgga YbhHUg\_'dUghHY'Xi Y'XUH'UbX'h'a Yz

- K cf\_gi Va ]hYX`%\$`hc`%-`XUmg`UZhf`h`Y`gh]di`UH`X`XYUX`]bY`k`j`VY`UggYggYX`UbX`ZYXVUW`dfcj`]YX`Vi`hU`a`Uf`\_`cZnYfc`k`j`VY`fYW`fYX`" `Z`h`Y`k`cf`\_`k`ci`X`U`j`Y`fYW`]j`YX`U`dUgg`a`Uf`\_`Vi`hZ`f`h`Y`U`h`b`Y`gg`UbX`h`Y`k`cf`\_`]g`U`W`a`di`gc`fm`W`i`fg`Y`W`a`dcb`Y`bh`f`i`f`X`Y`f`Y`ei`]f`Y`a`Y`b`h`Z`U`g`h`X`Y`bh`k`]`VY`X`Y`a`Y`X`h`\_`U`j`Y`a`Y`h`h`U`h`f`Y`ei`]f`Y`a`Y`b`h`/`
- K cf\_gi Va ]hYX`&\$`cf`a`cf`Y`XUmg`UZhf`h`Y`gh]di`UH`X`XYUX`]bY`k`j`bch`VY`U`W`W`d`h`X`Z`f`UggYgga`Ybh`UbX`k`j`fYW`]j`Y`bc`ZYXVUW`z`a`Uf`\_`cf`[`f`U`X`Y`" `Z`h`Y`UggYgga`Ybh`U`g`\_`]g`U`W`a`di`gc`fm`W`a`dcb`Y`bh`c`Z`h`Y`W`i`fg`Y`U`g`h`X`Y`bh`k`]`f`Y`W`]j`Y`Ub`l`bg`U`h`g`Z`U`W`c`fm`:`U`]`f`l`:`k`[`f`U`X`Y`U`g`U`f`Y`gi`h`c`Z`i`bg`U`h`g`Z`U`W`c`fm`d`Y`f`Z`c`fa`Ub`W`]b`Ub`Y`gg`Y`bh`]U`W`a`dcb`Y`bh`c`Z`h`Y`W`i`fg`Y`"

H\]g`]bZ`c`fa`U`h`c`b`]g`U`g`c`U`j`U`j`\$ %ofm %o %o %o



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Zcfa gZ`Zca `XY`]VYfUHY`WXYU]b[ `hc`UWV]XYbhU`mW`dm]b[ `Zca `U`gci fW`k ]hCi hUW\_bck`YX[ Ya Ybh`

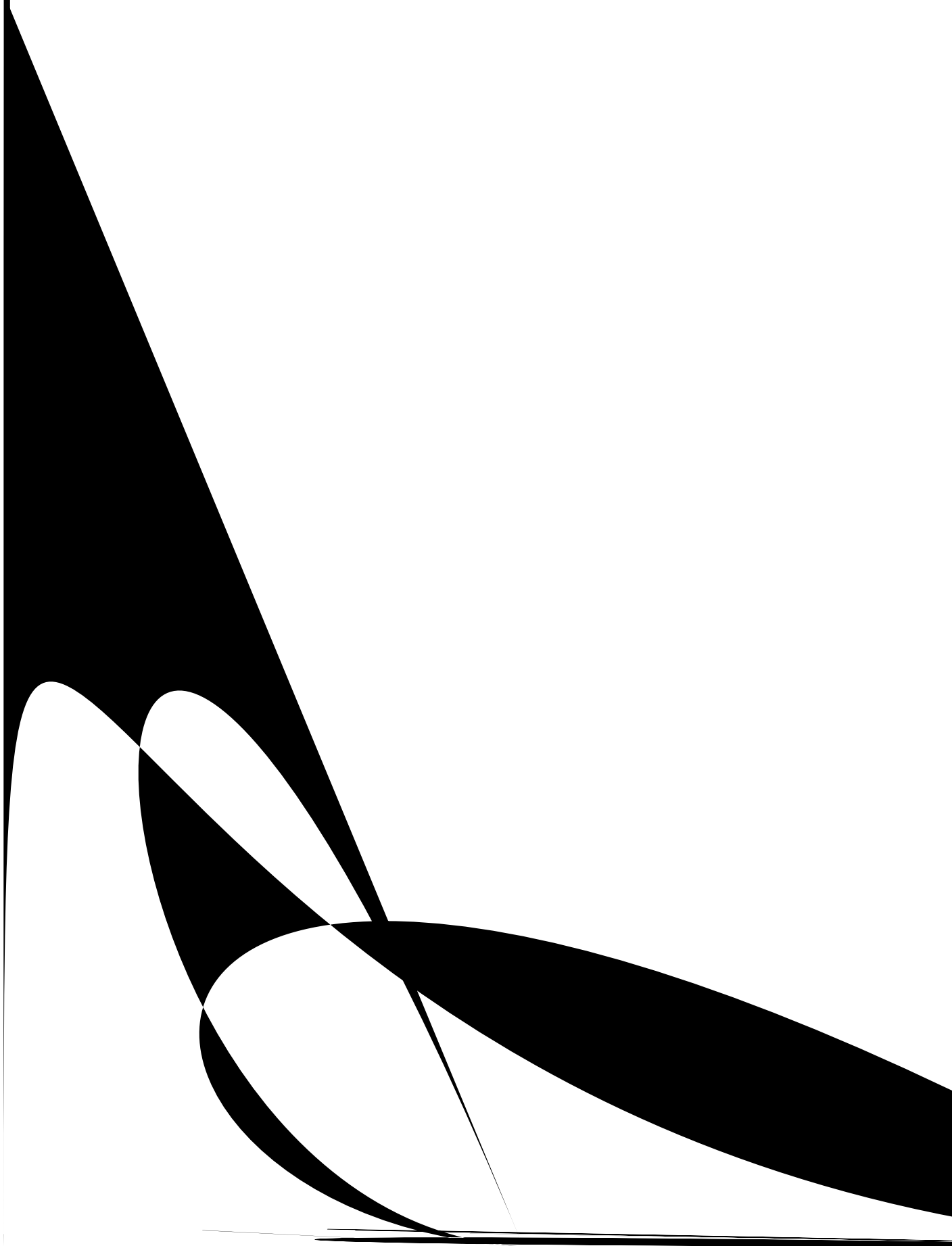
I BGK `[ fci dg`d`U[ ]Uf]ga `]bhc`hY`Zc`ck ]b[ `WUHY[ cf]Yg.

7 cdm]b[ .`i g]b[ `hY`gUa Y`cf`j Yfmg]a ]Uf`k cfXg`hc`hY`cf][ ]bU`hYI hcf`]XYU`k ]hCi hUW\_bck`YX[ ]b[ `hY`  
gci fW`cf`i g]b[ `ei chU]cb`a Uf\_g`"H\]g`U`gc`Udd`]Yg`hc`]a U[ YgZ`UfhUbX`XYg][ b`dfc`YWgZ`Ug`k Y`Ug  
dfYgYbhU]cbg`k \YfY`gca YcbY`dfYgYbh]g`UbchYf`g`]XYUg`cf`k cfXg`k ]hCi hWYX]h`

hUddfcdf]UHY`dUfUd`fUg]b[ .`7`Ub[ ]b[ `U`ZYk `k cfXg`UbX`d`fUgYg`k \]Y`a cghmifYU]b]b[ `hY`cf][ ]bU`  
ghfi W`i fY`UbX`#`f`dfc[ fYgg]cb`cZ]XYUg`cZ`hY`cf][ ]bU`Z`UbX`]bZcfa U]cb`k ]hCi hUW\_bck`YX[ Ya Ybh`H\]g`U`gc  
Udd`]Yg`]b`dfYgYbhU]cbg`k \YfY`gca YcbY`dUfUd`fUgYg`UbchYf`g`]XYUg`cf`k cfXg`k ]hCi hWYX]hUbX`hc  
d]YW]b[ `hc[ YhYf`ei chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk `k \c`Yz`k ]hCi hUddfcdf]UHY`fYZYfYbW]b[ "

7 c`i g]cb. `k cf\_]b[ `k ]h`chYfg`Vi hdUgg]b[ `cZ`hY`k cf\_]Ug`U`dYfgcb`g`]bX]j ]Xi U`k cf\_"`7 c`i g]cb`U`gc

i bXYfgHUbX'mci f'f][ \hg'UbX'fYgdcbg]V']hYg'Ug'U'gh XYbhUhl BGK




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DfYgWf]VYX`F Ygci fWg`

⊖Zcfa Uh]cb`cb`A ccX`Y`g]h`Zcf`5F HG&\$(\$

F YWca a YbXYX`F Ygci fWg

⊖Zcfa Uh]cb`cb`A ccX`Y`g]h`Zcf`5F HG&\$(\$

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

K Y`k ]`gdYbX`h]a Y`h]fci [ \ci h]h]Y`Wci fgY`X]gW gg]b[ `W ff]W`i a `Ug`dUfhcZci f`gYbgY`cZ]h]Y`Z]Y`X``: cfa Uh  
k ]`U`gc`VY`X]gW ggYXz`YgdYW]U`miUg`k Y`Yj U`i Uh]`h]Y`Wci fgY`bYUf`h]Y`YbX`cZgYa Ygh]f`UbX`gh XYbh]k ]`  
Z``]b`a m]l dYf]YbW`fYdcf]g``

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7F ⇒CG