



## ARTS3122

Dfc [ fUa 'UbX'F YdYfrc]fY. 'H\YUhfYž'DYfZcfa UbW'UbX  
8 UbW

GYa YghYf'Hk c''##'&\$%

7ci fgY`Cj Yfj ]Yk

`GHUZZ7cbfUW`i8YfU]`g`

`7cbj Ybcfg`

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
9f]b`6fUbb][ Ub	Y"VfUbb][ Ub4 i bgk "YXi "Ui	H\i fgXUm&!` da		



7ci fgY'8YHJ]`g

7fYX]hDc]bqg`\*`

Gi a a UfmicZ`h`Y'7ci fgY

Gi V`Y`W`h`5`f`Y`U`g` `F`Z`W`S`f`d`W`S` `V`B`W`d`\_`S` `U`W`E`f`g`V`[`W`e`l`6`S` `U`W`E`f`g`V`[`W`e

H\]g`W`c`i`f`g`Y`]`b`j` ]`h`g`m`c`i` `h`c`f`Y`Z`Y`W`h`c`b`m`c`i` f`i` b`X`Y`f`[`f`U`X`i` U`H`Y`d`f`c`[`f`U`a` `U`b`X`d`f`Y`d`U`F`Y` `Z`c`f`U`W`U`f`Y`Y`f`]`b`h`Y`U`f`h`g`" `#`  
]`b`W`i` X`Y`g`U`b`c`f`]`Y`b`h`U`h`c`b`h`c`]`b`X`i` g`h`f`m`h`U`h`k`]`d`f`c`j` ]`X`Y`d`Y`f`g`d`Y`W`h`j` Y`g`c`b`h`Y`Y`j`c`i` h`c`b`c`Z`W`e`b`h`Y`a` d`c`f`U`f`m`  
d`Y`f`Z`c`f`a` U`b`V`W` `U`b`X`]`b`g`][` \`h`g`]`b`h`c` h`Y` `W` `h`i` f`U` `Z`c`f`W`g`h`U`h`g`U`d`Y`d`f`c`X`i` W`h`c`b`U`b`X`d`f`c`[`f`U`a` a` ]`b`[` `X`Y`W`]`g`]`c`b`g`  
h`c`X`U`m`i`M`c`i` `k`]`k`c`f`\_`c`b`U`[`i` ]`X`Y`X`f`Y`g`Y`U`f`W`X`d`f`c`Y`W`h`c`d`U`b`U`g`Y`U`g`c`b`c`f`W`f`U`H`Y`d`Y`f`Z`c`f`a` U`b`V`W`d`f`c`[`f`U`a` `Z`c`f`U`b`  
U`f`h`g`c`f`[`U`b`]`g`U`h`c`b`m`c`i` ` \`U`j`Y`W`X`c`g`Y`b`" `H`Y`U`j`a` `]`g`h`c`W`e`b`b`Y`W`h`m`c`i` f`Y`U`f`b`]`b`[` `U`h`i`b`j`Y`f`g`]`h`m`k`]`h`h`Y` `W`f`f`Y`b`h`  
g`h`U`h`Y`c`Z`h`Y`U`f`h`g`U`b`X`Y`b`W`c`i` f`U`[`Y`m`c`i` `h`c`Y`i`d`c`f`Y`d`f`c`g`d`Y`W`g`Z`c`f`W`e`b`h`f`]`V`i` h`j`b`[` `h`c`h`Y`]`b`X`i` g`h`f`m`U`Z`Y`f`m`c`i`  
[`f`U`X`i`U`H`Y`" `H`Y`]`g`h`Y`W`U`d`\$

%o

# 5ggYgga Ybh

Q YfY mci WJb ci h]bY UbmifY Yj Ubh]bZcfa Uh]cb'hUhk Ug' bch]bWl XYX' ]b'5 A G Vi ha Umidfcj Y'\Y'dZ'`Zcf


8YHJ]g. '8Yj Y`cd`UbX`XY`j Yf`U`%\$`a ]bi hY`[ fci d`dfYgYbhUjcb`cZhY`W fUhc f]U`#dfc[ fUa a ]b[ `dfc`YWh]b  
[ fci dg`cZ(!\*`gh XYbth`Xi f]b[ `WUgg`h`a Yzi g]b[ `j ]gi U`dfc`YW]cbg`fY"[ "Dck Yfdc]bhg`]XYgEk \]W`UFY  
gi Va ]hYX`UhY`YbX`cZWUgg" H\]g`]g`hY`Z]bU`UggYgga YbhUg\_`Zcf`UhYbXUbW`di fdcgYg"Gh XYbth`k ]`  
fYW]j Y`U`fi Vf]W]bX]W]h]b[ ``Yj Y`cZdYfZcfa UbW`U[ U]bghYUW`UggYgga YbhW]hYf]Uzk f]hYb`gi a a Uhj Y

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'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'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'`mUg\_'Zf'cbY"  
Hi fb]hb'U'gc'dfcj ]XYg'i 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`bh`/`
- 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` : `E`[`f`U`X`Y`U`g`U`f`Y`gi`h`c`Z`i`bg`U`h`g`Z`U`W`c`f`m`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`]`\$ %ofm %o %o %o



5 WUXYa ]W<c bYghmUbX`D`U[ ]Uf]ga

D`U[ ]Uf]ga `]g`i g]b[ `hY`k cfXg`cf]XYUg`cZchYfg`UbX`dfYgYbh]b[ `hYa `Ug`mci f`ck b" `hWUb`hU`Y`a Ubm  
Zcfa gZ`Zca `XY`]VYfUHY`WXYU]b[ `hc`UWV]XYbhU`mW`dm]b[ `Zca `U`gci fW`k ]h`ci hUW\_bck`YX[ Ya Ybh`

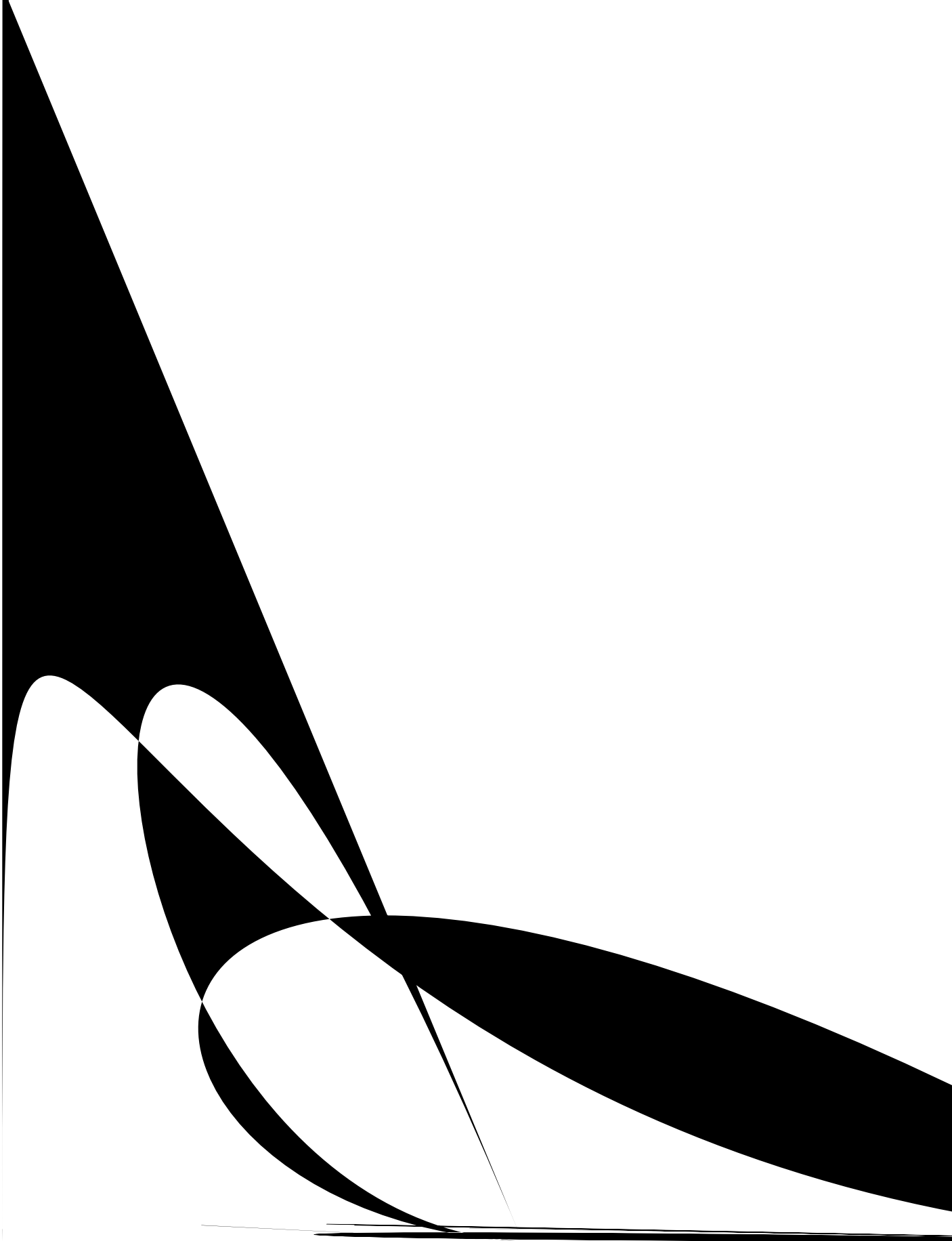
I BGK `[ fci dg`d`U[ ]Uf]ga `]bhc`hY`Zc`ck ]b[ `WUHY[ cf]Yg.

7 cdm]b[ .`i g]b[ `hY`gUa Y`cf`j Yfmg]a ]Uf`k cfXg`hc`hY`cf][ ]bU`hYI hcf`]XYU`k ]h`ci 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 ]h`ci 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 ]h`ci 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 ]h`ci hWYX]hU`bX`hc  
d]YW]b[ `hc[ YhYf`ei chYg`UbX`dUfUd`fUgYg`]bhc`U`bYk `k \c`Yz`k ]h`ci 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





F Ygci fWg

DfYgW]VYX F Ygci fWg