



ARTS1453

ƒhfcXi Wc fm7 \]bYgY `Zcf'6UW_[fci bX'GdYU_Yfg'6

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

7ci fgY`Cj Yfj]Yk

`GHUZZ7cbhUWih8YHU]`g`

`7cbj Ybcfg`

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
7\Yb[!K Y]`K Ub[V\Yb[!k Y]`k Ub[4 i bgk "YXi "Ui	VmUddc]b]h] Ybh	A cfj Yb`6fck b &(\$	\$&`-' ,) & , %)

`@YWi fYfg`

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
7\Yb[!K Y]`K Ub[V\Yb[!k Y]`k Ub[4 i bgk "YXi "Ui	VmUddc]b]h] Ybh	A cfj Yb`6fck b &(\$	\$&`-' ,) & , %)

`Hi hcfg`

B Ua Y	9a U]`	5j U]`UV]`]m	@cW]h]cb	D\cbY
7\Yb[!K Y]`K Ub[V\Yb[!k Y]`k Ub[4 i bgk "YXi "Ui	VmUddc]b]h] Ybh	A cfj Yb`6fck b &(\$	\$&`-' ,) & , %)

GWcc`7cbhUWih]Zcfa Uh]cb

GWcc`cZ<i a Ub]h]Yg`UbX`@Ub[i U[Yg

@cW]h]cb. GWcc`C Z]W]ZA cfj Yb`6fck b`6i]X]b[ž@Yj Y`&ž&),

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

D\cbY. Ž*%&`-' ,) `%, %

: U! . Ž*%&`-' ,) ; +\$)

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

5hYbXUbW]`F Yi

[fUbh]b['cZUVgYbW' a i ghVY'gUhgZYX'U'ghi XYbhk]''gh''VY'UV'Y'rc'a YYh'HY'W'e i fgY'g''YUfb]b['ci hW'a Yg UbX'#cf'j c'i a Y'cZ'YUfb]b[" '5' ghi XYbhgYY_]b['Uddfcj U'rc'VY'UVgYbhiZcf'a cfY'h\Ub'cbY'a cbh'a i ghUdd'm]b'k f]h]b['rc'h\Y'8YUb'UbX'dfcj]XY'U''cf] []bU'cf'W'fh]ZYX'gi ddcfh]b['XcW'a YbU]cb"

: cf'a cfY']bZcfa Uh]cb'UVci h'HY'UH'YbXUbW' d'f'c'rc'W'e'g']b'h\Y': UW' h'micZ5f'rg'UbX'GcW]U' GW]YbW]g. [\h'rdg.## k k "Uf'rg"i b'gk "YXi "Ui #W ffYbh'ghi XYb'rg#UW\]XYa \]W\]bZcfa Uh\]cb#d'f'c'rc'W'e'g!\[i \]XY' \]bYg#](#)

5 W]XYa]W]bZcfa Uh]cb'

: cf'YggYbh]U'ghi XYbh]bZcfa Uh]cb'fY'Uh]b['rc. f'Yei Ygr'g'Zcf'Yi h'bg]cb/fYj]Yk'icZa Uf_g/cW]W dUh]cbU''\YU'h UbX'gUZ'hm/YI Ua]bUh]cb'dfcW'Xi fYg/gdYW]U'W'ebg]XYfUh]cb']b'h\Y'Yj Ybh'cZ]'bYgg'cf'a]gUXj Ybh' fY/ ghi XYbh'Yei]m'UbX'X]gUV]']m'UbX'ch'Yf'YggYbh]U' UW]XYa]W]bZcfa Uh]cb'z gYY' [\h'rdg.## k k "Uf'rg"i b'gk "YXi "Ui #W ffYbh'ghi XYb'rg#UW\]XYa \]W\]bZcfa Uh\]cb#d'f'c'rc'W'e'g!\[i \]XY' \]bYg#](#)

7ci fgY'8YHJ]`g

7fYX]hDc]bhg`*`

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

Gi V'YWhUfYU.'7\]bYgY'Gh X]Yg

H\]g'7\]bYgY'Ub[i U[Y'Wci fgY'jg'XYg][bYX'Zcf'7\]bYgY'VUW_[fci bX'gdYU_Yfg'k \c'\Uj Y'UWci]fYX'gci bX
_bck`YX[Y'Zca`h\Y'dfYj]ci g']bffcXi Wc'fmWci fgY'5F HG%() &'cf'k \c'dcggYgg'Wca dUfUV'Y'dfcZ'WYbWni]b
7\]bYgY'"7cb]bi]b['h\Y'dfYWX]b['k cf_ž'h\Y'dfYgYbhWci fgY'Z f'h\Yf'XYj Y'cdg'mci f'Zci f'Ub[i U[Y'g_]`g
f]"Y""ghYb]b[žgdYU_]b[žfYUX]b['UbX'k f]h]b[ě]b'Ub']bH[fUH'X'a UbbYF'"#]bffcXi V'Wg'mci 'hc'Uddfci]a UH'm
') \$j cWJVi 'Ufmk cfXgž'U'cb['k]h' h\Y'UggcW]UH'X'gcW]cW' h' fU'UbX'']b[i]gh]WUk UfYbYgg]'b'XUm!hc!XUm
hcd]Wž'gi W'Ug'fU_]b['UVci h'h\Y'k YUH'Yfž'gYY]b['U'XcWc'fž'fYbh]b['U'd'UW'hc''j] Y'UbX'dfYdUf]b['Zcf'fUj Y'"

5h'h\Y'WcbWi g]cb'cZ'h]g'Wci fgY'h\Y'ghi XYbhk]`VY'UV'Y'hc

% I bXYfghUbX'UbX'i gY'Uddfci]a UH'm') \$'YggYbh]U'j cWJVi 'Ufm]h'Y'a g"
&" 5dd'm'h\Y'Zci f'Ub[i U[Y'g_]`g]'b'7\]bYgY'f]"Y""ghYb]b[žgdYU_]b[žfYUX]b['UbX'k f]h]b[ě]Uhi ddYf
']bffcXi Wc'fm'Yj Y'ž'fU_]b[']b'hc'UW'Wci bhghi XYbhgf\Yf]fU[Y'VUW_[fci bX"
, "

5ggYgga Ybh

5`UggYgga Ybhg`cZ`h`j`g`W`i`fgY`UFY`j`b`U`Z`f`a`c`Z`f`Y`I`U`a`g`f`k`\\`M`X`\\`U`j`Y`g`d`Y`W`j`W`X`U`H`g`U`b`X`h`j`a`Y`h`c`V`Y`
 W`c`a`d`Y`H`X`"G`d`Y`W`j`W`b`g`f`i`W`j`c`b`g`Z`c`f`Y`U`W`X`U`g`g`Y`g`g`a`Y`b`h`k`j`V`Y`U`b`b`c`i`b`W`X`c`b`@`Y`W`i`f`Y`g`z`A`c`c`X`Y`z`U`b`X`h`Y`b`
 X`j`g`W`g`g`Y`X`k`j`h`h`Y`g`h`i`X`Y`b`h`g`U`c`b`[`k`j`h`h`Y`d`f`c`[`f`Y`g`g`c`Z`h`Y`W`c`i`f`g`Y`"

5ggYgga YbhHUg_g`

5ggYgga YbhHUg_`	K`Y`[`\\`h`	8`i`Y`8`U`H`Y`	G`h`X`Y`b`h`@`Y`U`f`b`j`b`[` C`i`h`W`c`a`Y`g`5`g`g`Y`g`g`Y`X`
A`j`b`j`H`Y`g`h`	&\$i	K`Y`Y`_`j`)	%z&z
C`f`U`H`Y`g`h`g`i`	'`\$i	K`Y`Y`_`%`\$`/`K`Y`Y`_`%`	&z`z`{
7`c`a`d`c`g`j`h`c`b`i`	&\$i	K`Y`Y`_`%`&	&z`z`{
:`j`b`U`9`I`U`a`i`	'`\$i	9`I`U`a`i`D`Y`f`j`c`X`	%z&z

5ggYgga Ybh8YHJ`g`

5ggYgga Ybh%`A`j`b`j`H`Y`g`h`

G`H`f`h`X`U`H`Y` .`B`c`h`5`d`d`j`W`V`Y`

8`Y`H`J`g` .`H`\\`Y`f`Y`U`f`Y`&`j`b`!`W`U`g`g`A`j`b`j`H`Y`g`h`g`f`%`\$`i` `U`b`X`(`) `a`j`b`i`h`Y`g`Y`U`W`X`z`k`\\`j`W`Y`I`U`a`j`b`Y`g`h`i`X`Y`b`h`g`f`i`@`g`h`Y`b`j`b`[`z`
 F`Y`U`X`j`b`[`U`b`X`K`f`j`h`b`[`g`_`j`g`i`b`h`k`\\`Y`f`Y`h`Y`W`c`i`f`g`Y`d`f`c`[`f`Y`g`g`Y`g`"

5ggYgga Ybh&`C`f`U`H`Y`g`h`g`

G`H`f`h`X`U`H`Y` .`B`c`h`5`d`d`j`W`V`Y`

8`Y`H`J`g` .`H`\\`Y`f`Y`U`f`Y`&`c`f`U`H`Y`g`h`g`i`b`h`Y`W`c`i`f`g`Y`" `C`b`Y`j`g`F`Y`U`X`5`c`i`X`f`i` `a`j`b`i`h`Y`g`z`%)`i` `z`k`\\`j`W`Y`I`U`a`j`b`Y`g`
 g`h`i`X`Y`b`h`g`f`i`7`\\`j`b`Y`g`Y`W`X`U`f`U`W`H`f`f`Y`W`c`[`b`j`h`c`b`z`f`Y`U`X`j`b`[`j`h`Y`f`U`W`i`U`b`X`c`f`U`W`c`a`a`i`b`j`W`U`h`c`b`" `H`\\`Y`c`h`Y`f`j`g`F`c`Y`!`D`U`m`
 f`%)`i` `z`k`\\`j`W`Y`f`e`i`j`f`Y`g`i` `h`j`g`

Gi Va]gg]cb'cZ5ggYgga YbhHUg_g

Gh XYbHg'UfY'YI dYWX'hc'di h'AY]f'bUa Yg'UbX'ghi XYbhbi a VYfg'cb'Yj YfmdU[Y'cZ'AY]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 Ybh'fci [\ 'Hi fb]hb'zd'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_XUmg'UbX'-. \$\$Ua '-) .\$\$da 'cb'k YY_YbXg'f1 *) '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'm'Zcf'Ub'YI HYbg]cb'Z'Vi hrci
a i ghfY]b'rci f'h]W_Yhbi a VYf'Z'ca '9I HYfbU'Gi ddcfhfU'cb['k]h'Ubmc'hYf'fY'Yj UbhXcW a Ybhg'hc
]bW'XY'Ug'Yj]XYbW'hc'gi ddcfhrci f'YI HYbg]cb'Udd'j]W]h'cb" Zmci 'Ya U]'9I HYfbU'Gi ddcfhrci 'k]`
Ui 'ca U]W'`m'fYW'j] Y'U'h]W_Yhbi a VYf'Z'Vi h]Zmci 'HY'Yd\cbY'mci 'k]`b'YX'hc'gdYW]W'`m'Ug_'Zcf'cbY"
Hi fb]hb'U'gc'dfcj]XYg'i dXUHY'g'cb'hAY]f'gmghYa 'ghU'h'g'cb'Hk]HYf"

; YbYfU'`m'Z'UggYgga YbhHUg_g'a i ghVY'gi Va]HYX'Y'YW'fcb]W'`mj]U'Y]h'Yf'Hi fb]hb'cf'U'A ccX'Y
Ugg][ba Ybh'`b]bg]UbW'g'k \YfY'h']g']g'bchidcgg]V'YZ'jhk]`VY'g'UHYX'cb'mci f'Wci fgY'g'A ccX'Y'g]HY'k]h
U'HYfbU]j] Y'gi Va]gg]cb'XY]j]g"

@UH'5ggYgga YbhDYbU'h]Yg

Gh XYbHg'UfY'fYgdcbg]V'Y'Zcf'hAY'gi Va]gg]cb'cZUggYgga YbhHUg_g'Vmi'hY'f'Yei]fYX'XUHY'g'UbX'h'a Yg"
8YdYbX]b['cZ'AY'YI HY'bh'cZXY'Um]b'hAY'gi Va]gg]cb'cZUb'UggYgga YbhHUg_'dUgh'hAY'Xi Y'XUHY'UbX'h'a Yz

- K cf_gi Va]hYX`%\$`hc`%-`XUmg`UZhYf`h`Y`gh]di`UH`X`XYUX`]bY`k`j`VY`UggYggYX`UbX`ZYXVUW`dfcj`]XYX`Vi`hU`a`Uf`_`cZnYfc`k`j`VY`fYW`fXYX`" `Z`h`Y`k`cf`_`k`ci`X`\\Uj`Y`fYW`]j`YX`U`dUgg`a`Uf`_`Vi`hZcf`h`Y`U`h`b`Y`gg`UbX`h`Y`k`cf`_`]g`U`W`a`di`gcfm`W`i`fgY`W`a`dcbYbhf`i`fX`Y`fYei`]fYa`YbH`Z`U`gh`XYbhk`]`VY`XYa`YX`h`_`Uj`Y`a`Yh`h`UhfYei`]fYa`Ybh`/`
- K cf_gi Va]hYX`&\$`cf`a`cfY`XUmg`UZhYf`h`Y`gh]di`UH`X`XYUX`]bY`k`j`bchVY`UWW`d`h`X`Zcf`UggYgga`Ybh`UbX`k`j`fYW`]j`Y`bc`ZYXVUW`z`a`Uf`_`cf`[`fUXY`" `Z`h`Y`UggYgga`Ybh`Ug`_`]g`U`W`a`di`gcfm`W`a`dcbYbhcZ`h`Y`W`i`fgY`U`gh`XYbhk`]`fYW`]j`Y`Ub`l`bgUhgZUW`c`fm`:`U`]`fl`:`k`[`fUXY`Ug`U`fYgi`h`cZ`i`bgUhgZUW`c`fmdYfZ`fa`UbVW`]b`Ub`YggYbh]U`W`a`dcbYbhcZ`h`Y`W`i`fgY`"

H\]g`]bZ`fa`U`h`cb`]g`U`gc`Uj`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" #WUb'hU_Y'a Ubm Zcfa gž Zca 'XY]VYfUHY'WXUhf]b['hc'UWV]XYbhU`mWcdm]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.

7cdm]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'ja U[YgžUfhUbX'XYg][b'dfc'YWgžUg'k Y`Ug'dfYgYbhU]cbg'k \YfY'gca YcbY'dfYgYbhg'UbchYf'g'XYUg'cf'k cfXg'k]h'ci hWYX]h'

#Uddfcdf]UHY'dUfUd\UfUg]b[.7\Ub[]b['U'Zk'k cfXg'UbX'd\UfUgYg'k \]Y'a cghmifYU]b]b['hY'cf][]bU'gfi W'fY'UbX#f'dfc[fYgg]cb'cZ]XYUg'cZhY'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\UfUgYg'UbchYf'g'XYUg'cf'k cfXg'k]h'ci hWYX]h'UbX'hc d]Y]W]b['hc[YhYf'ei chYg'UbX'dUfUd\UfUgYg']bhc'U'bYk'k \c'Yžk]h'ci hUddfcdf]UHY'fYZfYbW]b["

7c`i g]cb.'k cf_]b['k]h'chYfg'Vi hdUgg]b['cZhY'k cf_'Ug'U'dYfgcb'g']bX]j]Xi U'k cf_"7c`i g]cb'U'gc]bWi XYg'dfcj]X]b['mci f'k cf_'hc'UbchYf'gh'XYbhVYZ'fY'hY'Xi Y'XUHY'žcf'Zcf'hY'di fdcgY'cZhYa d'U[]Uf]g]b['UhUbm]h]a Yž'dUm]b['UbchYf'dYfgcb'hc'dYfZcfa 'Ub'UWUXYa]W]Ug_žghU']b['cf'UW'ei]f]b[UbchYf'dYfgcb'g'UWUXYa]Wk cf_'UbX'Wcdm]b[]žcZf]b['hc'Wca d'YH'UbchYf'dYfgcb'g'k cf_'cf'gYY_]b[dUma YbhZcf'Wca d'Y]b['UWUXYa]Wk cf_"

#Uddfcdf]UHY'W]h]cb.'7]h]b['gci fW'g'k \]W\Uj Y'bchVYYb'fYUXžk]h'ci hUW_bck 'YX[]b['hY'"gYWcbXUfm' gci fW'Zca 'k \]W'_bck 'YX[Y'cZhYa '\Ug'VYYb'cVU]bYX"

8i d']WU]cb'f'gY'Zd'U[]Uf]ga "L'gi Va]h]b['mci f'ck b'k cf_ž]b'k \c'Y'cf]'b'dUfžk \YfY']h\Ug'dfYj]ci g'm VYYb'dfYdUfYX'cf'gi Va]h]X'Zcf'UbchYf'UggYgga Ybhcf'Wci fgY'Uhl BGK 'cf'UbchYf'i b]j Yfg]m'

7cffYW'fYZfYbW]b['dfUW]W]g.

- DUfUd\UfUg]b[žgi a a Uf]g]b[žYggUm k f]h]b['UbX'h]a Y'a UbU[Ya Ybh
- 5ddfcdf]UHY'i gY'cZUbX'Uhf]Vi h]cb'Zcf'U'fU]b[Y'cZa UHY]U'g']bWi X]b['hYI hž]a U[YgžZcfa i 'UY'UbX WcbW'drg"

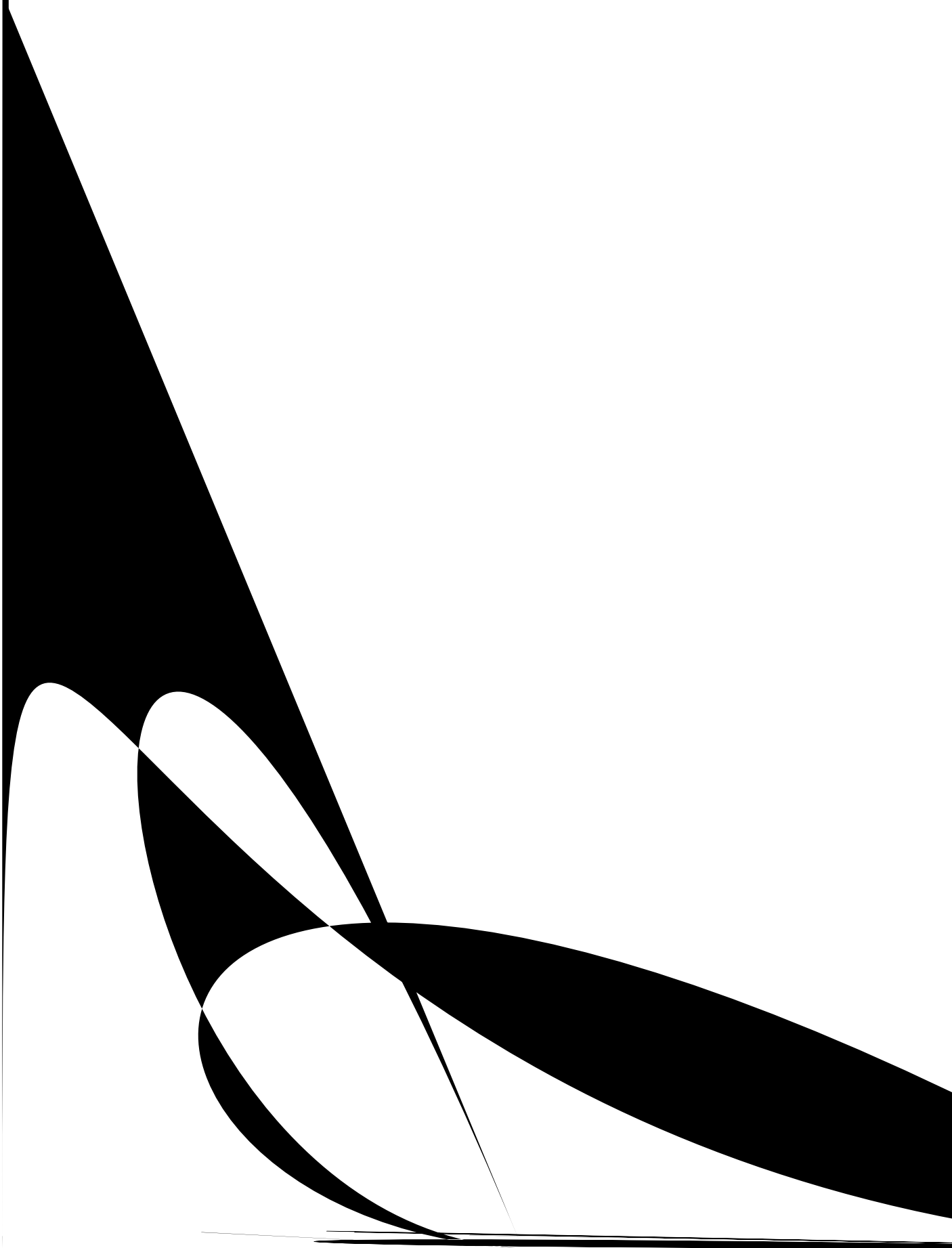
#X]j]Xi U'Ugg]ghU]bW']g'Uj U]UV'Y'cb'fYei YghZca 'H\Y'@YUfb]b['7YbhY'f' [f'htd.##k k k "Wi bgk "YXi "Ui #"](#) Gh XYbhg'UfY'U'gc'fYa]bXYX'h.UhWfYZ']h]a Y'a UbU[Ya Ybh]g'Ub]a dcfU]bhdUfhicZgh'XmUbX'cbY'cZhY]XYbh]ZYX'Wli gY'g'cZd'U[]Uf]ga]g'dccf'h]a Y'a UbU[Ya Ybh'Gh'XYbhg'g'lc'i 'X'U'ck'gi ZZY]bh]h]a Y'Zcf'fYgYUfW'žXfU]h]b['UbX'dfcdYf'fYZfYbW]b['cZgci fW'g']b'dfYdUf]b['U'UggYgga Ybh]h]a g"

I BGK '@]VfUfmU'gc'\Ug'hY'9@G9'hc'Uj U]UV'Y'hc'Ugg]ghmci 'k]h'mci f'gh'XmUhl BGK "'9@G9']g XYg][bYX'hc']bhc'Xi W'bYk'gh'XYbhg'hc'gh'Xn]b['Uhl BGK 'Vi h]h]WUb'U'gc'VY'U'[fYUhfY'ZYg\Yf'Xi f]b['mci f'gh'Xm'

7ca d'Y]b['hY'9@G9'h'hc'f]U'UbX'ei]n'k]`YbUV'Y'mci 'hc.

- UbU'mgY'hc d]Wgž'd'Ub'fYgdcbgYg'UbX'cf[Ub]gY'fYgYUfW'Zcf'UWUXYa]Wk f]h]b['UbX'chYf'UggYgga YbhU]g_g
- YZYW]j Y'mUbX'Y ZZY]bh]m]ZbX'Uddfcdf]UHY']bZcfa U]cb'gci fW'g'UbX'Yj U'i UHY'fY'Yj UbW'hc'mci f' bYYXg
- i gY'UbX'a UbU[Y']bZcfa U]cb'YZZYW]j Y'mhc'UW'Wca d']g\ 'U'gdYW]Z]Wdi fdcgY
- VYhYf'a UbU[Y'mci f'h]a Y

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



gYa YghYf"5bm]ggi Yg:k]"VY`WUfYZ`mWc]bg]XYfYX`UbX`fYd`]YX`UWwcfX]b[`hc`hYUW]b[`fU]cbU`Yz`YUfb]b[
ghfUH[]Yg`UbX`I`BGK`dc`]WYg`]b`cfXYf`hc`fYUW`fYUgcbUV`Y`gc`i`h]cbg"7`cgY`hc`hY`YbX`cZ`hY`gYa`YghYfz`
hY`gh`XYbhg`UfY`U`gc`YbWci`fU[YX`hc`Z`"ci`hA`m9I`dYf]YbW`gi`fj`YmfUbcba`ci`g`UbX`i`bj`Yfg]mk`jXYL`hc`
Yj`U`i`UH`hY`Wci`fgY"

☞ W[Y`Y`Z`YX]h