



ARTS2128

5 frž'5Wlj]ga ž'Di V`]Mg

GYa YghYf'C bY`##`&\$%

GWXcc`cZHAY`5frg`UbX`A YXJU`#`I BGK`..5frg`UbX`GcWJU`GWYbWg

: cf`YggYbh]U`gh XYbh]bZcfa Uhcb`fY`Uh]b[`rc. `fYei Ygrg`Zcf`YI h`bg]cb/fYj]Yk `cZa Uf_g/cVW dUhcbU`\\YU`h
UbX`gUZ`hm/YI Ua]bUhcb`dfcW`Xi fYg/gdYW]U`Wc]bg]XYfUhcb`]b`h`Y`Yj YbhcZ]`bYgg`cf`a]gUXj Ybh fY/
gh XYbhYei]mUbX`X]gUV]`]m`UbX`ch`Yf`YggYbh]U`UWXYa]W]bZcfa Uhcbž
gYY`[\hdg.#k.k"Ufng"i bkg "YXi "Ui #W ffYbhgh XYbng#UWXYa \]W\]bZcfa Uhcb#dfcfcW`g!\[i \]XY`\]bYg#](#)

7ci fgY'8YHJ]`g

7fYX]hDc]bHg`*`

Gi a a UfmcZhY'7ci fgY

Gi VYWh5fYU. FZWSfdWS` V BWDad_ S` UWE fgV[W

5fhghWghfUH[]Yg`Uj Y`Ya Yf[YX`Ug`dck YfZ` `a YUbg`cZa U_]b[`gcWU`UbX`dc`h]WU`a YggU[Yg`YUfX`VmIU
k]XYf`Ui X]YbWZ`UbX`ghfUH[]Yg`gi W`Ug`W`h`fY`Aa`a]b[žZUg`a`cVgZ[i Yff]`U`h`YUfYž`UbX`cb`]bY
UW]j]ga`Uj Y`UX`Ub`ja dUW`UWfcgg`dc`h]WU`WUa`dU[]b[žgcWU`UXj`cWUW`ž`UbX`W`a`a`i`b]ma`cV[]gU]cb"
H\]g`W`i`fgY`k`j`]bfcXi`W`mci`hc`gca`Y`cZhY`_Ym\]ghcf]WU`XYj`Y`cda`YbHg`UbX`XYVUH`g`Ufci`bX`ck`Ufh
Ug`VYyb`i`gYX`hc`]bgd]fY`W`Ub[Y`UbX`hc`]bh`fj`YbY`k`]h`]b`di`V`]WgdUW`"Mci`k`j`Uj`Y`h`Y`W`UbW`hc`k`cf_
k`]h`mci`f`dYf`g`hc`XYj`]gY`mci`f`ck`b`Zcfa`cZUW]j]ga`cf`W`a`a`i`b]m]Yb[U[Ya`YbhUfci`bX`Ub`]ggi`Y`cZmci`f`
W`c]W`"H\]g`W`i`fgY`]g`dUfhcZhY`H`YUfY`UbX`DYfZcfa`UbW`Gh`X]Yg`ghfYUa`" `hWUb`U`gc`VY`hU`_Yb`Ug`Ub
Y`YW]j`Y`]b`h`Y`6UW`Y`cf`cZA`YX]U`fDi`V`]WF`Y`U]cbg`UbX`5Xj`Yfh]g]b[E"

5h`h`Y`W`bWi`g]cb`cZh`]g`W`i`fgY`h`Y`gh`XYbhk`j`VY`UV`Y`hc

%` ÆYbh]zng][b]Z]WUbha`ca`YbHg`UbX`XYVUH`g`]b`h`Y`XYj`Y`cda`YbhcZdi`V`]WUfž`UW]j]ga`ž`UbX`h`Y`
dc`h]Wg`cZdi`V`]WgdUW`]b`h`Y`&\$h`UbX`&%ghW`bh`f]Yg`""
&"`5ggYgg`_Ym`h`Yc`fY`h]WU`W`bW`d]hg`Ug`k`Y`Ug`dfUW]WU`a`cXYg`cZUW]j]ga`UbX`di`V`]WUk`UfYbYgg!
fU]g]b[ž`UbX`Udd`mi`h`Ya`hc`W`b`h`Ya`dcfUfm]ggi`Yg`""
'`" `K`cf`_`W`"UVcfUH]`Y`mk`]h`c`h`Yfg`]b`i`bXYfhU_]b[`fYgYUfW`UbX`dfYgYbhU]cb`cZ]bX]b[g`""

HYUW]b[`GhfUH[]Yg`

F`YUX]b[gžj`]XYcgž`UbX`U`W`a`V]bU]cb`cZcb`]bY`UbX`ZUW`!hc!ZUW`Y`W`h`fYg`k`j`dfcj`]XY`U]ghcf]WU`W`b`h`Y`h`
UbX`W`h]WU`h`Y`fa`]bc`c[mZcf`i`bXYfg]UbX]b[`h`Y`j`Uf]ci`g`]bh`ffY`U]cbg`VYhk`YYb`Ufh`UbX`UW]j]ga`"5`Z]ddYX
a`cXY`cZ`h`hc`f]U`g`k`j`gi`ddcf]gh`XYbh`YX`Yb[U[Ya`Ybhk`]h`]ggi`Yg`UbX`W]gY`gh`X]Yg`cZ`h`Y`f`ck`b`
W`ccg]b[ž`YUX]b[`hc`UfX`h`Y`XYj`Y`cda`YbhcZhY`Z]bU`[g`U` %o` %o`

gga Ybh

gga YbhHUg_g`

gga YbhHUg_	K Y][\h	8i Y'8UH	Gh XYbh@YUfb]b[Ci hWta Yg'5ggYggYX
\cd'dfYgYbhUHjcb`	;%\$i	%- #\$(#&\$% '\$- .\$\$'5A	%
UfW`dUdYf`	(\$i	%&#\$(#&\$% '%%) - 'DA	%&.
Vi h]cb'hc`[fci d gg`	;%\$i	Bch5dd`]WVY	'
d'fc`YVh`	(\$i	\$\$%#* #&\$% '%%) - 'DA	&Z

gga Ybh8YHJ]`g

gga Ybh%`K cf_g\cd'dfYgYbhUHjcb

UH. %- #\$(#&\$% '\$- .\$\$'5A

g.`) `a]bi hYg"H\]g`HUg_`k]``\Y`d`dfYdUFY`hY`k`UmZcf`mci`f`fYgYUfW`YggUm`Gh`XYbtrg`fYW`j`Y`
U`fYdcftrg`UggYggYX`UWc`fX]b[`hc`U`fi`Vf]WcZa`Uf_]b[`W`]hYf]U"

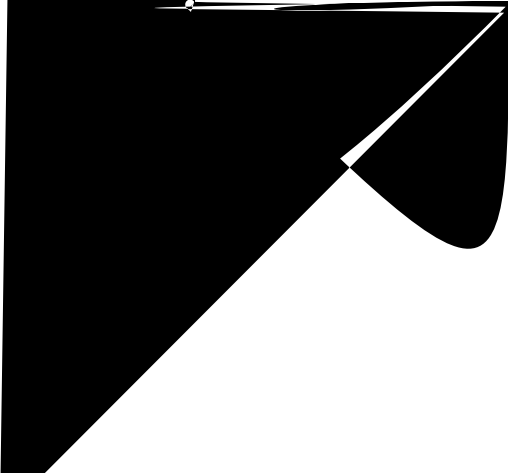
cbU`XYHJ]`g.

W`ccgY`UbX`dfYgYbh`hc`hY`W`Ugg`Ub`YI`Ua`d`Y`c`Z`U`W`j`]`g`a`z`di`V`]`W`d`Y`f`z`c`f`a`U`b`W`z`W`c`a`a`i`b`]`m`
h`UHjcb`z`c`f`U`k`UfYbYgg`!`fU]g]b[`z`]b`W`i`X]b[` \]g`h`c`f`]`W`U`b`X`W`c`b`W`d`h`U`W`c`b`h`Y`I`h`z`c`f`h`Y`W`U`g`Y`g`h`i`X`m`U`b`X`U`
m`]b`z`c`f`a`Y`X`U`g`g`Y`g`g`a`Y`b`h`c`Z`]`g`Y`Z`Y`W`j`Y`b`Y`g`g`z`X`Y`a`c`b`g`h`f`U`h]b[`k` \`U`h`a`][` \`h`V`Y` `Y`U`f`b`Y`X`Z`c`a` `h`.]`g`
Y`Z`c`f`i`g`Y`]b`c`h`Y`f`W`c`b`h`Y`I`h`g`" `H\]g``HUg_`k]``\Y`d`dfYdUFY`hY`k`UmZcf`mci`f`fYgYUfW`YggUm`M`ci`U`f`Y`
fU[`Y`X`h`c`V`Y`W`Y`U`h`j`Y`k`]`h`m`ci`f`dfYgYbhUHjcb`!`k`]`h`]b`h`Y`j`Y`f`m`g`h`f`]`V`h`]`a`]`g`c`Z)` `a`]bi`h`Y`g`"

X`c`]`W` `W`U`b`V`Y`Z`c`a` `Y`I`U`a`d`Y`g`k`Y` \`U`j`Y`U`f`Y`U`X`m`W`c`j`Y`f`Y`X`z`c`f`m`ci`U`f`Y`U`g`c`Y`b`W`c`i`fU[`Y`X`h`c`W`ccgY`Ub`
Y`c`Z`m`ci`f`c`k`b`z`i`g]b[`h`Y`Y`X`]`h`Y`W`c`Y`W`]`c`b`g`c`f`m`ci`f`c`k`b`Y`I`d`Y`f`]`Y`b`W` `U`g`U`f`Y`g`c`i`f`W`" `H` \`Y`c`b`m`
U]b]h]g`h`U`h`m`ci` `W`U`b`b`c`h`f`Y`d`]`W`U`h`Y`k` \`U`h`g`c`a`Y`c`b`Y`Y`g`Y` \`U`g`W`c`g`Y`b`"

gga YbhW`]hYf]U.

7`f`Y`U`h`j`]`m`U`b`X`Y`Z`Y`W`j`Y`b`Y`g`g`]b`Y`j`c_]b[`h`Y`e`i`U`]`h`U`h`j`Y`U`g`d`Y`W`g`c`Z`h`Y`Y`j`Y`b`h`U`b`X`]`g`W`c`b`h`Y`I`h`k`]`h`]b`
)` `a`]bi`h`Y`g`
7`U`f`]`m`]b`g`i`a`a`U`f]g]b[`U`b`X`X`]g`h]b[`i`]g]b[`h`Y`d`U`f`h`W` `U`f`Z`Y`U`h`f`Y`g`c`Z`h`Y`g`Y`Y`W`Y`X`U`W`]`c`b`



5ggYgga Ybh&. 'F YgYUfW' dUdYf

GHUfhXUHY. '% #\$(#&\$% '\$- .\$\$'5A

8YHU]`g. '&\$\$\$'k cfXg"Gh XYbHg'fYVW]j Y'k f]HrYb'ZYXVUW_ 'UbX'U'bi a Yf]WU' '[fUXY"

5XX]h]cbU'XYHU]`g.

H\]g'UggYgga YbhUg_g mci 'hc'XYa cbghfUH' mci f'i bXYfgHUbX]b['cZV]h]WU'W' bVWdHg']bfcXi W'X']b'hY
'YWi fYg'UbX'fYUX]b[g'Ufci bX']XYUg'cZhY'di V']Wgd\YfYzhY'hYcf]gU]cb'cZgdUW'zUbX'X]ZYfYbha cXY'g
cZgcW]U'm'Yb[U[YX'Ufh' 'Mci 'UfY'Ug_YX'hc'XYa cbghfUH' 'Uddfcd]UH' 'mgY'YW'X'hYcf]Yg'UbX'W' bVWdHg
Zca 'hY'W'ci fgY']b'fY'Uh]cb'hc'U'gdYW]WYI Ua d'Y'f'cZmci f'W'ccg]b[E'cZW'ca a i b]miYb[U[Ya Yb]g]hY!
gdYW]WUfz'dYfZ'ca UbW']b'Yfj Ybh]cb'z'cf'UW]j]ghUk UfYbYgg!fU]g]b["

5ggYgga YbhW]h'f]U

f`G][b]Z]W]b]h]m]U]Z]Y]W]h]m]i] f]d]Y]f]Z]c]f]a] U]b]W]W]]b]U]g]g]Y]g]g]U]V]`Y]`k] c]f]_]Z]V]Y]`]h]U]`Z]c]f]a] U]`Y]b]X]!]c]Z]g]Y]a] Y]g]h]Y]f]`Y]I] U]a]]b]U]h]c]b]Z]U] W]U]g]g]`h]Y]g]h]Z]U]`U]V]c]f]U]h]c]f]m]h]Y]g]h]Z]U]`g]Y]a]]b]U]f]d]f]Y]g]Y]b]h]U]h]c]b]`c]f]U]b]m]c]h]Y]f]Z]c]f]a] `c]Z]U]g]g]Y]g]g]a] Y]b]h]

: c]f]Z] f]h]Y]f]X]Y]h]U]`g]`]b]`f]Y]`U]h]c]b]`h]c]`G]d]Y]W]U]`7]c]b]g]X]Y]f]U]h]c]b]`]b]W]i] X]b] [``K] \]Y]b]`h]c]`5]d]d]m]Z]``<]c]k] `h]c]`5]d]d]m]`U]b]X] `G]i] d]d]c]f]h]b] [`8]c]W] a] Y]b]h]U]h]c]b]``d]`Y]U]g]Y]`f]Y]Z]f]`h]c]`h]Y]`G]d]Y]W]U]`7]c]b]g]X]Y]f]U]h]c]b]`k] Y]V]g]h]Y]`.

[\\]h\]c\]g.\]#\]g\]h\] X\]Y\]b\]h\]i\] b\]g\]k\] "Y\]X\]i\] "U\]i\] #\]g\]d\]Y\]W\]U\]!\]W\]c\]b\]g\]X\]Y\]f\]U\]h\]c\]b\]](#)

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 gZ`Zca`XY`]VYfUHy`WXYU]b['hc`UWV]XYbU`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.

7cdm]b[.`i`g]b['hY`gUa`Y`cf`j`Yfmg]a`]Uf`k`cfXg`hc`hY`cf][]bU`hY`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` \Yf`gca`YcbY`dfYgYbh]b[`Ubc`hY`f`g`]XYUg`cf`k`cfXg`k`]hCi hWYX]h`

#Uddfcdf]UHy`dUfUd`fUg]b[.`W`Ub[]b[`U`Zy`k`cfXg`UbX`d`fUgYg`k` \]Y`a`cghm`fYU]b]b['hY`cf][]bU`
g]fi`W`fY`UbX`]bZcfa`U]cb`k`]hCi hUW_bck`YX[Ya`Ybh`"H`]g`U`gc`Udd`]Yg`]b`dfYgYbhU]cbg`k` \Yf`gca`YcbY`
dUfUd`fUgYg`Ubc`hY`f`g`]XYUg`cf`k`cfXg`k`]hCi hWYX]h` #U`gc`Udd`]Yg`hc`d`]YW]b[`hc`[Y`hY`f`ei`chYg`UbX`
dUfUd`fUgYg`]bhc`U`bYk`k` \c`Y`Z`k`]hCi hfY`ZYfYbW]b[`UbX`U`gh`XYbh`g`ck`b`UbU`mg]g`hc`Vf]b['hY`a`U`hY`f]U`
hc`[Y`hY`f`"

7c`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_]7c`i`g]cb`U`gc`
]bWi`XYg`dfcj`]X]b[`mci`f`k`cf_]hc`Ubc`hY`f`gh`XYbhVY`Zc`fY`hY`Xi`Y`XU`hY`Zc`f`Zc`f`hY`di`fdcgY`cZ`hY`a`
d`U[]Uf]g]b[`Uh`Ubmi]a`Y`Z`dUm]b[`Ubc`hY`f`dYfgcb`hc`dYf`Zc`fa`Ub`UWUXYa`]W]Ug`_`Z`ghYU`]b[`cf`UW`ei`]f]b[
Ubc`hY`f`dYfgcb`g`UWUXYa`]Wk`cf_]UbX`W`dm]b[`]Z`c`ZYf]b[`hc`W`ca`d`Y`hY`Ubc`hY`f`dYfgcb`g`k`cf_]cf`gYY_]b[
dUma`YbhZc`f`W`ca`d`Y]b[`UWUXYa`]Wk`cf_]`

#Uddfcdf]UHy`W]U]cb.`7`]h]b[`gci`fW`g`k` \]W` \Uj`Y`bchVYYb`fYUX`Z`k`]hCi hUW_bck`YX[]b['hY`"gYW`bXUfm`
gci`fW`Zca`k` \]W`_bck`YX[Y`cZ`hY`a` \Ug`VYYb`cV]U]bYX`"

8i`d`]WU]cb`f`fY`Z`d`U[]Uf]ga` "E`gi`Va`]h]b[`mci`f`ck`b`k`cf_]b`k` \c`Y`cf`]b`dUf`Z`k` \YfY`]h` \Ug`dYfj`]ci`g`m`
VYYb`dfYdUfYX`cf`gi`Va`]hY`X`Zc`f`Ubc`hY`f`UggY`gga`Ybhcf`W`ei`fgY`U`hI`BGK`cf`Ubc`hY`f`i`b]j`Yfg]m`"

7c`ffY`W`fY`ZYfYbW]b[`dfUW]W]g.

- VYhYf'a UbU[Y'mci f'hja Y

7ci fgY'GWYXi `Y

		f]b`W`bgi`hUjcb`k`Jh`a`YE`hUh]bW`i`XYg`Vch`h`Y` W`b`hY`i`hZ`f`h`Y`[`fci`dfg`W`bW`j`YX`UW]cb`UbX`fYU`cf`]a`U[`]bYX`XcW`a`Yb`hUjcb`cZ`h`Y`UW]cb`]hg`Y`Z`
	@YWh`fY`	Ghfi`W`i`fY`UbX`ghfi`W`i`fY`Ygg`b`Ygg`" `H`Y`Y`W`i`fY`k`j`]b`f`c`X`i`W`h`Y`c`f`]Y`g`U`b`X`d`f`U`W`]W`g`c`Z`W`U`V`c`f`U`h`j`Y` k`c`f`_`U`g`U`Y`U`f`b`U`V`Y`g`_]`z`]b`W`i`X`j`b`[`d`f`U`[`a`U`h`W` U`d`d`f`c`U`W`Y`g`h`c`U`j`c`]X`j`b`[`k`h`U`h`>`c`:`f`Y`Y`a`U`b`W`U`Y`X` f`h`Y`h`m`f`U`b`b`m`c`Z`g`h`f`i`W`i`fY`Ygg`b`Ygg`"fi`
K`YY`_`-`.'`\$`5`df`]`!`*`A`Um`	Dfc`Y`W`h`	@YWh`fY`g`c`h`9`U`W`[`fci`d`d`f`Y`g`Y`b`h`g`U`g`h`U`h`g`i`d`X`U`h`Y` c`b`h`Y`]f`k`c`f`_` Hi`h`c`f`]U`g`c`h`7`c`b`h`j`b`i`Y`k`]h`[`fci`d`k`c`f`_`h`f`ci`[`\` g`h`f`i`W`i`fY`X`k`c`f`_`g`l`c`d`g`"
K`YY`_`%`\$`.'`+`A`Um`!`%` A`Um`	Dfc`Y`W`h`	@YWh`fY`g`c`h`9`U`W`[`fci`d`d`f`Y`g`Y`b`h`g`U`g`h`U`h`g`i`d`X`U`h`Y` c`b`h`Y`]f`k`c`f`_` Hi`h`c`f`]U`g`c`h`7`c`b`h`j`b`i`Y`k`]h`[`fci`d`k`c`f`_`h`f`ci`[`\` g`h`f`i`W`i`fY`X`k`c`f`_`g`l`c`d`g`"
K`YY`_`%`%`'`%`(`A`Um`!`&\$` A`Um`	Dfc`Y`W`h`	@YWh`fY`g`c`h`9`U`W`[`fci`d`d`f`Y`g`Y`b`h`g`U`g`h`U`h`g`i`d`X`U`h`Y` c`b`h`Y`]f`k`c`f`_` Hi`h`c`f`]U`g`c`h`7`c`b`h`j`b`i`Y`k`]h`[`fci`d`k`c`f`_`h`f`ci`[`\` g`h`f`i`W`i`fY`X`k`c`f`_`g`l`c`d`g`"
K`YY`_`%`&`.'`&%`A`Um`!`&+` A`Um`	Dfc`Y`W`h`	@YWh`fY`g`c`h`9`U`W`[`fci`d`d`f`Y`g`Y`b`h`g`U`g`h`U`h`g`i`d`X`U`h`Y` c`b`h`Y`]f`k`c`f`_` Hi`h`c`f`]U`g`c`h`7`c`b`h`j`b`i`Y`k`]h`[`fci`d`k`c`f`_`h`f`ci`[`\` g`h`f`i`W`i`fY`X`k`c`f`_`g`l`c`d`g`"
K`YY`_`%`.'`&`,`A`Um`!`' >`i`b`Y`	Dfc`Y`W`h`	Hi`h`c`f`]U`g`c`h`:`]b`U`g`U`f`]b`[`c`Z`[`fci`d`d`f`c`Y`W`g`k`]h` Y`U`W`X`c`h`Y`f`"

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

=j U'i Y'mci f'ZYXVUW'UbX'k]`i gY'hLY'a m9I dYf]YbW'Ubcbmā ci g'gi fj Ymž Ug'k Y''Ug]b!WUgg'fYZYW]cbžhc
]bZcfa `ck' =g\UdY'Z hi fY'hYUW.]b["

⇒ U[Y'7fYX]h

@]VYfUH'UHž: g_ S` 5aefž8ij YYb'; U`YfmžHUH'6f]fU]b'f&\$%&"H\Y'dYfZcfa UbW'hc_c'd`UW'cb'hLY'Zfgh
Ubb] YfgUfmcZhY'ghUfhcZhY'6D'; i `ZcZA YI]W'X]gUghYf' #i`UghYX'Zcf', +a]bi H'gž'cbY'Zcf'Yj YfmXUmicZ
hY'gd]"" ⇒ U[Y'Zca [k k k "" \]VYfUH'UH"cf\["i #dYfZcfa UbWg#i a Ub!W'ghUdf\]!&\\$%# fbc'W'dmf\]\[\h](#)

7F ⇒ CG

7F ⇒ CG'Dfcj]XYf'7cXY.'\$\$\$- , ;