



ARTS3756

7i ffYbh8YVUHg'jb'; `cVU`8Yj Y`cda Ybh

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

7ci fgY`Cj Yfj]Yk

GhJZ`7cbhJW`8YhJ`g

7cbj Ybcfg

B Ua Y	9a Uj`	5j Uj`UVj`]m	@cWjhcb	D\cbY
8f`DYbbm; f]Z]b	dYbbm`[f]Z]b4 i bgk "YXi "Ui	D`YUgY`ZY`ZYY`rc Ya Uj`a Y`rc`UffUb[Y Ub`Uddc]bha Ybhz`]b! dYfgcb`cfj`jU`Ncca "		

GW`cc``7cbhJW`bZcfa Uhjcb

GW`cc``cZGcWU`GWYbWg

Fcca`%) -

Acfj Yb`6fck b`7 &\$

Ya Uj`.gcgg4 i bgk "YXi "Ui

d\cbY. '\$&-' ,)`% \$+

7ci fgY'8YHJ]`g

7fYX]hDc]bHg`*`

Gi a a UfmicZ\hY'7ci fgY

H\Y[`cVU`XYj Y`cda Ybh`UbXgWUdY`]g`Wc`bgfUbhM\W\Ub[]b[`UbX`g\]Z]b[""H\]g`Wc`i fgY`k`]"[]j Y`mci `hY`
cddcfh`b]hmc`YI d`cfY`W`h]b[!YX[Y`XYVUHg`UbX`dfcV`Ya`g`hY[`cVU`XYj Y`cda YbhX]gW]d`]bYz`dc`]WriUbX`
dfUW]W`]g[fUdd`]b[`k`h`z`Vc`h`[`cVU`mUbX`c`WU`m`Mci`k`]"`Uj Y`hY`cddcfh`b]hmc`YI d`cfY`hY[`cVU`
W`cdYfU]cb`UbX`a`i`h`!X]a`Ybg]cbU`fYgdcbgY`bYW`ggUfmic`UXXfYgg]b[`gca`Y`cZ`hY`a`cghdfYgg]b[
W\U`Yb[Yg`cZci`f`h]a`Yz`]bW`i`X]b[`hY`X]j`Yfg]hmcZUW`c`fg`]bj`c`]YX"

7ci fgY`@YUfb]b[`Ci hW`a Yg

%" 5fh]W`UH`hY`hY`W`ffYbhXYVUHg`]b[`cVU`XYj Y`cda Ybh`
&" GY`YWz`i`h`]gY`UbX`UbU`mgY`Uddfcdf]UH`hY`hg`hc`YI d`cfY`]b[`cVU`XYj Y`cda YbhXYVUHg`
' " 9I d`U]b`hY`k`Umg`W`ffYbhXYVUHg`UZYWri[`cVU`XYj Y`cda YbhdfUW]W`
("

bi a Yf]WU" [fUXY'k]h]b' h'k c'k YY_g'cZgi Va]gg]cb"

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

D`YUgY' bchY' h'U h'W UdhYfg' Z'ca' h'YI h'cc_g' W]bbchVY' i gYX' Ug' W'cfY' gci fW'g']b' h']g' UggYgga Ybh'k \]Y' mci
a UmfUbx' UfY' YbW' i fU[YX' h'c' X'fUk' Z'ca' U'k']XY' j Uf]YhmicZ'hdYg' cZfYgYUfW' Ubx' di V']W]h]cbz' h'Y' Vi' ` _' cZ
mci f'fYgYUfW' gi ddcfh\ YfY' a i ghVY' Z'ca' d'YYf! fYj]Yk YXz' UWXYa]W'ci fbU' Uf]WYg' Ubx' fYgYUfW'
a cbc[fUd\g" C f[Ub]gU]h]cbU' Ubx' dc`]W]idUdYfg' Z'ca' fYdi hUVY' gci fW'g' UfY' dYfa]gg]V' Yz' Vi' hg\ci' X
gi ddcfhUbx' bchfYd' UVW' mci f' UWXYa]W'gci fW'g"

F Ygci fWg

DfYgWf]VYX`F Ygci fWg`

D`YUgY`gYY`A ccX`Y`Zcf`U``]ghcZU``fYei]fYX`fYUX]b[g"

F YWca a YbXYX`F Ygci fWg

D`YUgY`gYY`A ccX`Y`Zcf`U``]ghcZfYWca a YbXYX`fYUX]b[g" F`Y`Yj UbhWci fgY`fYgci fWg`UbX`gi V`Y`Wh
[i]XYg`WUb`U`gc`VY`UW`WggYX`h`fci [\ `h`Y`I` BGK `@]VfUfm`Mci `g`l`ci `X`W`Y`W`h`Y`@]VfUfmfY[i `UfmZcf`U`
XU`U`V`U`g`Y`Z`Y`ci fbU`UbX`gi V`Y`Wh[i]XY`]bei]f]Yg"

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

Gh XYbhYj U`i Uh] Y`ZYXVUW`]g[U`h`Y`f`Y`X`Z`c`f`a`U`mi`g]b[`I` BGK` f]A`n9I`dYf]YbW`gi`fj`Ym
a`Y`W`U`b]g`a`f`[hfdg.#gh XYbh`i`bgk`"YXi`"Ui`#a`n9I`dYf\]YbW`](#)U`b`X`U`gc`h`fci`[`\`]b`Z`c`f`a`U`UbX`W`Ugg![`Y`b`Y`f`U`h`X`
W`U`b`b`Y`g`"5`g`h`]g`]g`h`Y`Z`f`g`h`m`Y`U`f`h`U`h`=\`U`j`Y`h`U`i`[`\`h`5`F`H`G`+`)*`Z`m`ci`f`W`c`b`g`h`f`i`W`h]`Y`ZYXVUW`]g`Y`g`d`Y`W`U`m`
]a`d`c`f`U`b`h`Z`U`b`X`k`]`V`Y`i`g`Y`X`h`f`ci`[`\`ci`h`h`Y`W`ci`fgY`fYj`]g]c`b`d`f`c`W`g`g`[`c]b[`Z`c`f`k`U`f`X`"D`Y`U`g`Y`X`c`f`Y`a`Y`a`V`Y`f`
k`\`Y`b`d`f`c`j`X]b[`Z`Y`X`V`U`W`h`c`g`h`U`Z`U`h`I`BGK`h`U`h`m`ci`U`f`Y`g`d`Y`U_]b[`h`c`i`a`U`b`V`Y]b[`g`c`b`k`\`c`a`m`ci`f`k`c`f`X`g`
\`U`j`Y`U`b`]a`d`U`W`"

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`Ybhi`h`fci`[`\`Hi`fb]h]b`z`d`Y`Ug`Y`
HY`Yd`cb`Y`9I`HY`fb`U`Gi`ddc`fh`cb`-`,`)`"``"``%`cf`Ya`U]`h`Ya`i`cb`YI`HY`fb`U`HY`hgi`ddc`fh`4`i`bgk`"YXi`"Ui`"Gi`ddc`fh`
`l`ci`fg`UfY`,`.\$`\$Ua`-`-%`\$.\$`\$da`i`cb`k`YY`_X`Umg`U`bX`-`.\$`\$Ua`-`-`).`.\$`\$da`i`cb`k`YY`_Y`bX`g`f`l`*)`X`Umg`U`m`Y`U`f`l`"Ʒmci`
UfY`i`b`UV`Y`hc`gi`Va`]hmc`i`f`Ugg][`ba`Ybhi`Xi`Y`hc`U`Z`Ji`h`k`]h`Hi`fb]h]b`mci`i`a`Um`Udd`m`Z`f`U`b`YI`HY`bg]cb`z`Vi`hmc`i`
a`i`gh`f`Y`h]b`mci`f`h]W`Y`hbi`a`VY`f`Z`ca`9I`HY`fb`U`Gi`ddc`fh`f`U`cb[`k`]h`U`b`m`c`h`Y`f`f`Y`Y`U`b`h`X`c`W`a`Y`b`h`g`k`hc`
]b`Wi`XY`U`g`Y`j`]X`Y`b`W`hc`gi`ddc`fh`mci`f`YI`HY`bg]cb`Udd`]W`h]cb`"Ʒmci`Ya`U]`9I`HY`fb`U`Gi`ddc`fh`mci`k`]`
Ui`hc`a`U`h]W`U`m`f`Y`W`]j`Y`U`h]W`Y`hbi`a`VY`f`z`Vi`h]Z`mci`HY`Yd`cb`Y`mci`k`]`b`Y`Y`X`hc`gd`Y`W`Z`W`U`m`Ug`_`Z`f`cb`Y`"
Hi`fb]h]b`U`gc`d`fc`j`]X`Y`gi`d`X`U`h`Y`g`cb`h`Y`]f`g`m`g`h`Ya`i`g`h`U`h`g`cb`Hk`]h`Y`f`"

;`Yb`Y`f`U`m`z`Ugg`Y`gga`Yb`hi`U`g`_`g`a`i`gh`V`Y`gi`Va`]h`Y`X`Y`Y`W`f`cb]W`U`m`j`]U`Y`]h`Y`f`Hi`fb]h]b`cf`U`A`cc`X`Y`
Ugg][`ba`Yb`h`i`h`]b`g`h`U`b`W`g`k` \Y`f`Y`h`l`g`]g`b`c`h`d`c`g`g]V`Y`z`]h`k`]`V`Y`g`h`U`h`X`cb`mci`f`W`ci`fg`Y`g`A`cc`X`Y`g`]h`k`]h`
U`h`Y`fb`U`h]`Y`gi`Va`]gg]cb`X`Y`h]g`"

:`cf`]b`Z`fa`U`h]cb`cb`l`ck`hc`gi`Va`]h`Ugg][`ba`Yb`h]g`cb`]b`Y`j`]U`A`cc`X`Y`.\`h`d`g`#`g`h`X`Y`b`h`i`bgk`"YXi`"Ui`#`ck`!
gi`Va`]h`Ugg][`ba`Yb`h`a`cc`X`Y`"

5 WUXYa]W< cbYgmiUbX`D`U[]Uf]ga

D`U[]Uf]ga `]g`i`g]b[`h`Y`k`c`f`X`g`c`f`]X`Y`U`g`c`Z`c`h`Y`f`g`i`U`b`X`d`f`Y`g`Y`b`h]b[`h`Y`a` `U`g`m`c`i`f`c`k`b`" `#`W`U`b`h`U`_`Y`a` `U`b`m`
Z`c`f`a`g`Z`Z`c`a` `X`Y`]V`Y`f`U`h`Y` `W`X`Y`U`h]b[`h`c` `U`W`W`Y`X`Y`b`h`U` `m`i`W`c`d`m]b[`Z`c`a` `U`g`c`i`f`W` `k`]h`c`i`h`U`W`_`b`c`k` `Y`X[`Y`a` `Y`b`h`

I`B`G`K` `[`f`c`i`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
-

5 WUXYa]W**ϕ**Zcfa Uh]cb

: cf`YggYbh]U`ghi XYbh]bZcfa Uh]cb`fY`Uh]b[`tc.