! "#\$%&'#()#*+, "*)#

- . &"#/0"12)%"#

A+/.#B%, #C=D, E\mathrmal{B}\m

3+.3"#4'/2#0".."#4"#0%2#4"#.%#-+2#,).\$='1#*'%#%"#*+/=)%()%(!\frac{1}{1},)\frac{1}{1}, \frac{1}{1}, \frac{1}{)\$="(".#/2#-+"#!"#\$\$"#%&'(%&#N*+/9"#4'+*#4"#-Z/:0#9+/.#*)#:", , "#,)&)4"6# [)#:", , "#(+/**)%(#4"9/%#9&/*#4'/2#, +%6#C+, , "#%*#2')0)%'2(#*+/0"2(#, N, "#9)*# 4"#; /+\#9.'9).".\#/2\#3./)/\#4"\#, \%&"(\\#\\#2''()\\(\#\0\\4\\\,\\\"2(\\#9)*\\\;/\\\\@+2\\4\\\\\\ , '4%), "2(6#H"\$=2%, /", "2(1#%#)/.)%(#9/#*"#4'-.+/%&".#9+/.#)\$="(".#/2"#+/#4"/G# 4+*''*1#,)%#%#'()%(#:''., '', ''2(#\$+20)%2\$/#; /'/2''#:+%#; /'+2#I!:)%(#:/%!J#/2''#,)&)4%'# 9".*+22"&1#%#2"#&')0)%(#>),)%#", , "2" "#\$="X#&"#, '4"\$%21#*\#-%'2#; /'%#\%2+.)\(#(+/(# 4''#*)#,)&) 4%'6#7)%#5#&)#0+%#4' *+.,)%#\$+/\$=' ''#5#9&) (#4+*1#%2\$)9) -&''#4''#*''#(+/.2''.1#%# '()%#\$&)%#; /''#\$''&)#'', 9%)%(6#!''#,)&#*','()%#)33.)0'#/2''#4%)%2''#4''#>+/.*#9&/*#(U(1#)9.P*#; / ' "&&"#" / (#,)23' #4/#, %&" (#,)&#\$/%(#; /%#&/\%#)0)%(#\$)/*' #/2"#*' OP."# \$+2*@9)@+26#]#\$"#, +, "2(E&51#B% #)0)%#82)&", "2(#9/#*"#9.+\$/.".#/2#9"/#4').3"2(1#)\$="(".#/2#9"@(#*)\$#4"#, %&"(#"(#/2#:)3+(#4"#-+%#5#-)*#9.%G6#["&+2#*"*#4%"*1#I!\$"?"# -+22"E5E.%'21#9)2%; /' "1#\(\)0)%(#:)%(#-+/%\(\)4\(2*#/2\"#,)., %("!J6#! "#:"/#' ()%(#:)%-&"1# "\&\"\#'()\%\#9.\"*\"\1\#\"(\\%\"\#, \%\&\"(\#2\')0)\%\#9)*\#-\%'2\#\$/\%(6\#A+/.()2(1\#I!\\$\"?\"\#4), 2\"\# :", , "!J#)0)%(#*)%*#4"#9&"%2"*#9+%2' "*#4"#, %&"(#"(\mathbb{k}\)"*#)0)%(\mathbb{#}\)2:+/.2' "*#4)2*#*)# -+/\$="1#\$+, , "#*%#"&\"#\$.)\22\%(#; / ' +2#0\%'22\"\%\"\\%\)..)\\$=\".6#F&\\"#)0)\(#\\$+2@2/\"# >/*; / ′ 5#)0+%#&''*#>+/''*#3+2^' ''*#\$+, , ''#4''*#9+%23*6#! ''#*+%#, N, ''1#''&\''#3' , %**)%(!_# "&\"#)0)%(#,)#\)#9+%(.%2"1#*"#*"2()%(#+99."**""1#"(#.+/&)%(#4"*#L"/G#\$+, , "#"2#9&"%2"# \$.%"6#

R/.%'/G1#B% #)0)%(#=/.&'!_#

T&#) 0) %(#3%' 概) #>+ / "#4" #*) #:", , "1#; /#3"%32) %(1#) &&+23' "#5#*"*#9%' 4*6#F&&''#) 0) %(#
"2(.+/0".(#/2#9"/#9&/*概''*#L"/G1#,)%#4"*概)., "*#L#-.%&P."2(#)/**%(U(6#F(#B% 1概/#
)/**%#*"2@(#*"*#L"/G概"#-.\&".6#

I!A+/**"E9+/**"!a!J#

B%, #*'%, , +-%%)#"(1#"2#*"#."(+/.2)2(1#)9".0/(#/2#'&P0"#4"#\$"?"#, N, "#'\$+&"#;/#
)\$\$+/.)%(6#!"#>"/2"#3).0+2#)20)!_#

I!C+, -%'2*/*; / '5\%)\#3)."\#4"\#g), 4)", /2\!c\!J\#

I!H/#0"/G#)&\".#5\\#3)."#4"\#g), 4)", /2!c!J\#

B%, #=' *%()#/2#%2*()2(6#C.)%32)%(E%#4"#:)%"#/2#*%%+23#(.)>"(#*+/*#)#9&/%'#*)2*#
9.+("\$@+2!c#d/#" ()%(E%#4' >5#*)@*:)%(#4"#\$"#; / '%#)0)%(#3)32' #&"#,)@2!c#g+21#9)*#4/#
(+/(6#C'' ()%(#9&/(U(#/2#\'3".#*"2@, "2(#4"#\$.)%2("#4"0)2(#()2(#4"#\$=)2\$"#*+/4)%2"6#
\(\text{V"#9&/*1#%#*+23")%(#5#\)#4",)24"#4"#*)#:", , "#\$"#,)@2E&56#b/)24#\)#0+%%2"#\(\text{N}')0)%(#
)99"&' 1#*)#:", , "#\$#\"#0%')3"#4' \$=).2' 1#\"*#L\"/G#\$+, , "#4".2%'.#.\"^\"(#4"#0%')#3.)24*#
"(#\$)0"*#\$#\(\text{N}')0)\(\text{M}', "3).4' #4' /2#)\(\text{M}''/2#)\(\text{M}''/99&\)2(6#

 $I!g''\#^*+.^*\#9)^*\#)/>+/.4'=/\%\#h''*(''\#5\#)\#,)\%+21\#''\#^*/\%\#(.+9\#,)\&i!J\#$

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T&#) 0) %(#-+24\#9+/.\#9) .@.1\#,)\%\#'\&\'\#) 0) \%\#) 3\%('\#:)\%-&\'', ''2(\#*#-.)*1\#\\$+, , ''\#9+/.\#\\# .''(''2\%\6\# I!g"#9).*#9)*i #+/#."0%'2*#0%("1#*\#(/#4+\%#L#)&\".i !J#

]#9.'*"2(1#"2("24)2(#,''&P0"#,/#4",)24".#4')&".#>/*; /'5#)#3)."1#B%, #."0%(#"2# 9"2*'"#\"*#,)%2*#(.", -&)2("*#4"#*)#:", , "1#*"*#3.)24*##