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

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

!"#\$%'&#'()%(#*+, -."#"(#\$+/0".(1#\$+, , "#*2%#)&)%(#3"%4".#52/3#%3*()3(#6#\2)/(."7#8)%#)/#
&%'/#5"#3"%4"1#\$2"*(#/3"#93"#: &/%'#;.+%5"#</#(+, -)%(#*)3*#."&=\$>"1#:.+?"()3(#*"*#
4+/@"&"@"*#6#, +\%\'#4"&\'"*#*/.#&\"#*+\0#

B+/.#C%, #D>E, F?%#</#(.)0)%%)%(#\$+, , "#A."/.#5"#: +/**"F: +/**"#5)3*#\"#</).A".#5"#

&)#B+.("#5"#\(26*(1#\$\"\mathref{P}\)+/.#\()\%\(\mathref{R}\)\"#\(\mathref{P}\)*\"#\(\mathref{P}\)\"#\(\ma

\(\text{\mathcal{B}}\) \(\text{\mathcal{B}}\)

5%: +*)%(#6#: .' *''3(#&/%#*'', -&)%'3(#%3''*A,)-&''*7#X0''\$#\$''&)1#%#: +/0)%(#* '>/, ''\$(''.#&)# 4+.4"#5'/3#0"."#5"#0%3#5"#.%/#-+3#,).\$>'1#*'%#&"#*+/>)%()%(!Z#,)%*#*/.(+/(1#%#:+/0)%(#)\$>"(".#/3#-+"#!"#\$\$"#%&'(%&#N*+/: "#5 ' +*#5"#-[/;P#: +/.#*)#;", , "#,)&)5"7# \)#;", , "#(+/**)%(#5": /%#: &/*#5 '/3#, +%7#D+, , "#%*#3 ')0)%'3(#*+/0"3(#, 0, "#:)*# , '5%), '3(7#I''\$>3%</'', '3(1#%#)/.)%(#: /#*''#5' - . + /%&'' .#: + / .#)\$>''('' .#/3''#+ /#5'' / H# 5+*''*1#,)%#%#'()%(#;''., '', ''3(#\$+30)%3\$/#</'/3''#;+%#</'/+3#J!;)%(#;/%!K#/3''#,)&)5%'# 6#\$+/: *#5"#.", Q5"*1#\$"\&\"F\$\\M#: ."35\\H+](\#\(#.\"0\\"3(\#*)3\\\#\\"7\\/\\M))3(\\#\\#: .\\&\\\\$\\\#\ : ".*+33"&1#%#3"&',)0)%(#),)%#", , "3" "#\$>"Y&"#, '5"\$%31#*%#-%'3#</'%#%43+.)%(#(+/(# 5''#*)#,)&)5%'7#8)%#6#&)#0+%#5' *+.,)%#\$+/\$>' ''#6#: &)(#5+*1#%3\$):)-&''#5''#*''#(+/.3''.1#%# '()%#\$&)%#</''#\$''&)#'', :%)%(7#!''#,)&#*''()%(#)44.)0'#/3''#5\%')\%3''#5''#?+/.*#:&/*#(V(1# \$+3*A:)A+37#^#\$"#, +, "3(F&61#C%, #)0)%(#93)&", "3(#: /#*"#: .+\$/.".#/3#: "/#52).4"3(1#)\$>"(".#/3#: "A(#*)\$#5"#, %&"(#"(#/3#;)4+(#5"#-+%#6#-)*#: .%H7#\"&+3#*"*#5%"*1#J!\$"@"# -+33"F6F.%'31#:)3%/'"1#\(2)0)%(#;)%(#-+/\(4\)&45)3*#/3"#,)., %("!K7#!"#;"/#'()%(#;)%-&"1# "&\"#'()%(#: .''**' "1#"(#\"#, %\\"(#32)0)%(#:)*#-%'3#\$/%(7#B+/.()3(1#J!\$"@"#5), 3' "#;", , "!K#)0)%(#*)%*#5"#: &"%3"*#: +%43""*#5"#, %&"(#"(#\"*#)0)%(#"3;+/.3""*#5)3*#*)#-+/\$>"1# &''*#?+/''*#4+3_' ''*#\$+, , ''#5''*#: +%34*7#! ''#*+%#, O, ''1#''&&''#4' , %**)%(!`#''&&''#)0)%(#,)#&)# : +%(.%3"1#*"#*"3()%(#+::."**"1#"(#.+/&)%(#5"*#M"/H#\$+,, "#"3#:&"%3"#\$.%*"7#

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)0)%#5]#: .' 0+%#5"#:).A.#\$"#?+/.F&61#,)%#"3(."#\)#: &/%'#"(#*"*#-)4)4"*1#%#3"#*)0)%#:)*#
\$+, , "3(#;)%"7#B/%#%#)0)%#0/#C%, 1#\$+/.)3(#*+/*#\)#: &/%'1#\$>)/**' #5"#*+/&%'.*#6#5", %#
/*' *#"(#00(/#52/3#>)-%#+\$\$%5"3()&#'&% '7#

J!I/#0"/H#)&\".#6\\(\mathbb{R}\)\"4).\"\(\mathbb{F}\)\",\(5\)\",\(73\)!d!K\(\mathbb{H}\)

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J!a+3#*)341#,", , "1#(/#5' &% "*!d#\%P;"#."*("#&61#</\#0)#3+/*#3+/..%!d!K#

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^#: .' *''3(1#''3(''35)3(#,' '&00''#,/#5'',)35''.#5')&\''.#?/*</',6#\)#4).''1#C\(#.''0\(#''3#')*:''3*'''#\''*#,)\(%3*#(.'', -&)3(''*#5''#*)#;'', , ''1#*''*#4.)35*##