



"#\$\$!&!%#)&%\*+,!\*-!.&\*%!\*0%+\*1!&0!%#(!20&%(&4%\$\$('

<".2%\$.02/.=%=)/8'=6%)/.5%.+2%.7%23%/'>/'55".0%.7%/'='".+5%>')5)025%)0(%5=#'5:%  
?)/=6%7./15%.7%>."\$08%"0%23%4:@:%"0\$=+(('%5=#'%>)/2.=5%23)2%5')/\$3'(%/5"('0\$'5/  
./.;%>+8)23/'085%)0(%1.0"2./'(%/.)5:%B%1./%52+\$2+'(%>)/\$2"\$%7./%(')="08%  
C"23%+/,)0%1"0./"26%+0/'52%)72/'%23%!"#"=%D)/%C)5%"1>./2'(%7/.1%C3"2%?+/.>')0%  
\$.=0")=%'E>/'"0\$:%F0%GHIJA%4:@:%"\$2"5%,8)0%2.%)(>2%>)/25%.7%23%-/'2"53%>.=."  
1.('=A%\$')2"08%./8)0"K'(%>)/21'025%C"23%7+==L2"1'%.77"\$'/5:%

M3'5%1.('/0"K'(%>."\$'%77"\$'/5%'07./.\$'(%>+,"\$%./('%)0(%"5%5.1'2"1'5%5"0%)5%)%  
0)5\$'02%7./1%.7%,./.;'0LC"0(.C5%>."\$302%\$')2'(%2'05".05%,2C"0%.77"\$'/5%)0(%  
\$.11+0"26%1'1,/'5:%

?)/=6%>."\$'%7./\$'5%C'/'%)=5.%+5'(%2.%>/.2'\$2%\$.0.1"\$%"02/'525%"0%23%GJIN5%)0(%  
GJON5A%./);"08%+>%=),./%./8)0"K"08%)0(%52/';%)\$2"#"26%)1.08%23%C./;"08%\$=)55'5!"

D./=(%D)/%F%5)C%)%C"('L5\$)=%2/)057'/%.7%2'\$30.=.8"5%7/.1%23%1"="2)/6%2.%=.%)=%  
'07./\$'1'02A%)5%')/=6%1'23.(5%7./%\$/.C(%\$.02/.=%C'/'%)()>2'(%7/.1%1"="2)/6%  
>)/\$2"\$'5:%P+'08%23"5%>'".(%2')/%8)5%,)\$1'1%1)/;2'(%5%)%7)52A%)77./(),=%)0(%  
'="),=%2..=%7./%=%)C%'07./\$'1'02:%F0%)(#/2'5'1'025A%')/=6%1)0+7)\$2+'/'5%5)"(%"2%  
\$.+=(%('1./)="5%>'.>='A%('52/.6%23%Q1.,%5>/"2RA%\$)+5%'>365"\$)=%>)"0%)0(%1);'%  
>/.2'52'/5%=-.;%5"==6:%

B72'/%\$"#"=%+0/'52%S%)0(%"25%/'>/'55".0%S%"0%23%GJTN5%)0(%GJUN5A%/'".2%\$.02/  
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?)/=6%/'".2%\$.02/.=%2)\$2"\$5%"0\$=+(('%#)"/".+5%>."\$'%7./1)2".05%S%23%"02'/=.\$;'(%)/1%  
7./1)2".0%23)2%+5'5%.77"\$'/5R%),2.05%2.%\$./(.0%.77%)/'5A%23%53.C%.7%7./\$'%  
(1.052/2".0%23)2%C./;5%>56\$3.=.8"\$)==6%)0(%>365"\$)==6%,6%1);"08%)%5+>/'5%  
)(#)0\$%.0%)%\$/.C(A%)0(%23%.,E"08%"0%.7%>+,"\$%)/'5%,6%.\$\$+>6"08%)0(%5)="08%.7  
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#\$\$&(!)\*+\$(%\$!  
GJIN5%8%"02/.(+\$2".0%.7%2')/%8)5%  
GJUN5%"0\$')5"08%+5'5%.7%)/.5.=%2')/%8)5%5>/)65%W""%&)\$'X%  
GJYN5%"02/.(+\$2".0%.7%"1>)\$2%1+0"2".05%  
GJJN5%7"C"('5>')(%('>=.61'02%.7%>'>>'/%5>/)6%  
INNN5%/"5%"0%+5%.7%5.+0(%0(%="832%('#"5%7./%/"2%\$.02/.=%5X%A%7=)53,)08%8/0  
)5%C'==%)5%/.==.+2%.7%Z%8+05%)0(%"00.#)2".0%.7%'E"52"08%/"2%\$.02/.=%  
2'\$30.=.8"5%

"#\*!\$+(!%#(!6\$7\*+!&\*%10%+\*6!\$09-\$8%9+(+!\$03!9::1&(+!%0!(!20&%(3!  
4%\$%5!

<".2%!02/.=%>/.(+\$25%,"08%+5'(%"0%23'%4@%)2%>/'5'02%7-4%6708%23'%  
\$.1>)0"5%W)1.08%.23'/5X[%

- o ,-\$/\$%0\$! V%4\R5%=)'("08%'E>./2'/A%./"8"0)2'(%5%>6/.2'\$30"\$5%  
\$.1>)06A%=.08%2"1%'E>./2'/%.7%2')/%8)5'5%)0(%"1>)\$2%1+0"2".05:%  
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- o F0%.23!/%\$)5'5A%)%5+,52)0\$'%=";'%)=\$.3.=%1"E'(%"0%C"23%23%2')/%8)5%\$.1>.+0(%1"832%,%7=)11),='A%.!/%23%'>/.>'==)02%=";'%,+2)0'0%23)2%"5%0%)%5>/)6%1"832%,%7=)11),=':%

"#\$%&!&!'\$0!&6:\$8%!690&%&\*05!>&08193&0=!+9??(+!7911(%'@!

h72'0%23%0C./((5%Q/+,,'/R%.!/%Q>=)52"\$%,+==25R%)/'%+5'(%"0%23%1'(")%2.%/7'/%2.%)=  
 "1>)\$2%1+0"2".05:%-+2%23'/'%)/'%1)06%;"0(5%.7%"1>)\$2%1+0"2".05%23)2%\$)0%\$)+5%  
 ("77'/'02%"0b+/'"5:%F1>)\$2%1+0"2".05%)/'%\$.11.0=6%1)(%.7%1'2)=A%>=)52"\$A%/+,,/A%  
 ,')0%,)85A%7.)1%./%C..(:%

F1>)\$2%&+0"2".05%)/'%)%8/.+>%7%Q='55%='23)=R%)11+0"2".0%)0(%>/.b"\$2"='5%23)2%)/  
 ('5"80'(%2.%3)=2%>'.>='R5%)\$2".05%,6%)>>=6"08%"1>)\$2%\$)+5"08%>)"0%2.%>)/2%.7%23  
 ,.(6:%

\_"';%Q/)=R%,+==25A%"1>)\$2%1+0"2".05%)/'%7'/'(%+2%.7%53.28+05%./%5>'\$")=%=)+0\$3  
 M3'6%\$)0%)=5.%,%3)0(L23/.C0%)5%8/0)'5:%

"#\$%&!\$+(!%#(I@(+!\$1#\$+6!'\*!&6:\$8%!690&%&\*0'5!

F1>)\$2%1+0"2".05%)/%'('5"80'(%2.%3)2%6.+%)0(%\$)+5%'>)"0:%M3'6%\$)0%\$)+5%'5'/.+5%  
 "0b+/6%)0(%'#0%(')23:%Z'.>=')2%8/)'2'/'5%;.7%5#'/'%"0b+/6%./%(')23%"0\$=+(%23%'  
 6.+08%)0(%.=(A%)06.0%'C"23%)%51)===%7/)'1%./%7/)'8"='%,.0'5:%F0b+/'"5%7/.1%"1>)\$2%  
 1+0"2".05%"0\$=+(['%

- L-/+"5"08% @C'=="08%
- L D.+0(5%7/.1%>'0'2/)'2".0%.7%23%'5;"0%
- L P)1)8'2.%"02'/0)=%./8)05%
- L!.0\$+55".0%
- L -)'"0%(1)8'2%
- L a)\$2+/'5%
- L-./;'0%,.0'5%
- L ?6%'(1)8'2%)0(%,="0(0'55%

F1>)\$2%&+0"2".05%\$)0%,%7)2)=:%M3%'/'5;5%.7%"0b+/6%)0(%(')23%, '\$.1%'1./%=";'=6%  
 C3'0%

- L &+2">=/'%/.+0(5%)/'%7'/'(%/)'>'(=6%
- L M3'6%)/%'1'(%2%5.1',.(6R5%3')(A%0'\$;%./%\$3'52:%
- L B%>/'5.0%"5%3"2%"0%23%'8/."0%.!/%),.#%'23%'C)"52%
- L a'/'(%2%53./2%/)08%'1);"08%"2%3"2%5.1'.0%'#/6%3)/(%
- L a'/'(%2%=.08%/)08%'1);"08%23%'53.2%#/6%"0)\$2+/'2%
- L M3'6%,.+0\$%.77%23%'8/.+0(%0(%C)===5%

-)=(6%('5"80'(%0(%>../=6%1)'%"1>)\$2%1+0"2".05%)/%'E2/'1'=6%(1)08'/.+5:%

" a./%0%'E)1>='.7%3.C%"1>)\$2%1+0"2".05%)/%'("5\$+55'(%"0%)%>.>+)=/%2/)'(%  
 1)8)K"0%'("52"/,+2'(%2.%>=")\$%)0(%)=)C%'07./\$1(022%5%)/2"\$=%7/.1%Z."\$%  
[&8\)K"0%](#)

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



"#\$%!&'!%#(H\$1&%;!+&\*&%!8\*0%+\*1!\$03!#\*B!&'!&%!9'(!6\*0&%\*+(35!

¥ M3'/'%)/'%\$+//'02=6%0.%8/'(%/+='5%7./%3.C%"1>)\$2%1+0"2".05%53.+=(%,%'  
(5"80'(A%>/.(+\$'(A%2'52'(%0(%+5'(%"0%23'%40"2'(%@2)2'5:%

¥ M3'/'%"5%0.%='8)=%.,="8)2".0%"0%)06%\$.+02/6A%)06C3'/'%"0%23%C./=(%2.%/'\$./(%  
23%0+1,/'%.7%(')235%0(%"0b+/'"5%7/.1%/"'.2%\$.02/.=%2'\$30.=.8"5:%

¥ \_";'C"5'A%23'/'%"5%0.%='8)=%.,="8)2".0%2.%/'\$./(%23'/'A%>+6\$0)5'%./'%  
'0#"/.01'02)=%(1)8':%

¥ M3%'='8)=%52)2+5%.7%2')/%8)5%+0('/'%"02'/0)2".0)=%=%)C%"5%+0\$=')/':%

¥ M3%'!3'1"\$)=%D')>.05%!0#02".0%,)05%.\$3'1"\$)=%C)/7)/'A%,+2%\$.02)"05%)0%  
'E\$>2".0%\$=)+7%'%23%'5%.7%<".2%!02/.=%B8'025%,6%=%)C%'07./\$'1'02:%

¥ M3'/'%"5%0.%52)0)/('5'(%1'\$3)0'51%2.%)\$\$+.02%7./%3.C%1+\$3%2')/%8)5%./%  
.23'/'%='55%='23)=%C')>.05%8'25%53">>'(%./%52./'(%./%+5'(%0%'"23'/'%)0)2".0)=%  
./%02'/0)2".0)=%5\$)=':%

"#\$%!&'CD('!D(%#\$1&%,E5!

¥ \_";'%)==%C')>.05A%23'/'%)/'%("77'/'02%5\$)='5%.7%#".='0\$'+5'(%"0%('>=.61'025%  
.7%/"'.2%\$.02/.=%C')>.05:%F7%)%8'/0)'%"5%2.55'(%0%23'%8/.+0(%"0%7/.02%.7%)%  
\$/C(%C3'/'%23'/'%)/'%\$=')/%'E"2%>."025%W)5%>/.2.\$.=%5+88'525XA%"2%"5%='55%  
23)2%5.1'.0%C"==%('"%23)0%"7%F%=.(8'%23)2%5)1'%8'/0)'%"02.%)%\$)/A%./%)%>/  
\$'==A%./%)%5+,C)6%52)2".0:%

\_";'C"5'A%"7%F%53..2%6.+%"0%23'%7..2%6.+%)/'%='55%=";'=6%2.%('"%23)0%"7%F  
"0%23'%3')(:%\*.C#'/A%23"5%(.5%0.2%1')0%23)2%23'%7..2%,+=='2%"5%)%  
Q3+1)0"2')/0%)8'02R%0C3'/'%)5%23'%3')(%,+=='2%"5%)%#".='02%C')>.0:%40=";'%  
.23'/'%.b\$25%03"\$3%)/%0.2%0./1)='6%C')>.05%,+2%\$)0%,%'C')>.0"K'(%W7./%







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