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

#\$%&'() * +&,&'-./01/&,/2+!3!45"67!689:;<=)! >(?@/&0?1A!'B!C'-./01/&!3!;59D!C+0.!C.//0!E?\$&%&A!3!F,G,!D'H!98<<8<!3!C'-./01/&!!JK!")598!! \$+,-./0,12!34!5367.01./!8.9:.61.;!<=2!>?@!ABA?C! L?00/&1%1?'(N!0P&/%0+&/!QH-%@%1?'(0!?(!1./!R/2?/@%5!%(2!Q%&SA!)))

R'2/&(!M?0T%(?-!U'&\$2I0!

"#\$%&'()*!

F.,L,I!M?01'&A!

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L/H1/\&!F/\&a?(0!_+(2! \&\%2+\%1/!Z)\%\&2!4>C!M?01'\&A!L/T1,I!9<9<7!
C' \frac{1!E}{!}(2!R\%A!E, \frac{1}{T}^{+}S!_{S}') 0.?T!4>C! \frac{2!R\%2+\%1}{!} - .''SI!9<''6`9<9''7!
%) $5H"H!'&$PR'!
$+,-./0,12!34!5367.01./!
0P./!M?01'\&A!'B!P\&/\%0+\&/0!4S']/\&!2?@?0?'(I!9<9)7!
H * S!E/36T:3/1!
!0^'$'(?%$!E%1?(!ZW/&?-%0!4+TT/&!2?@?0?'(I!9<9;7!
' ''&%R(*P!&HH(H'&*'HR(JH!
$+,-./0,12!34!5367.01./!
0F'01]%&!Q+&'T/I!"6)d`9<"60!4$']/&!2?@?0?'(I!9<9"7!
0Q\%\&SA!R'2/\&(!Q+\&'T/I!")d<`"8<<0!4S']/\&!2?@?0?'(I!9<9"7!
+,-./0,12!34!\%3D3/=;3!
0b+2%?0W0!4+TT/&!2?@?0?'(I!9<"=7!
0^.&!01?%(!P&%2?1?'(00!4+TT/&!2?@?0?'(I!9<"5`9<"=7!
0R'2/&(!^.&?01?%(?1A0!4+TT/&!2?@?0?'(I!9<"=7!
!0ZW/&?-%(!Y(2?%(!C/S?X?'+0!P&%2?1?'(00!
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9

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OP./!E/X%$?1A!%(2!R'&%$?1A!'B!^'S'(?%$!ZW/&?-%(!\&%@/!C'$$?(X,0!J/]!K'&a![1%1/!Z00'-?%1?'(!
        'B!Q+&'T/%(!M?01'&?%(0!Z((+%$!^'(B/&/(-/I!J?%X%&%I!JK!4G-1'$/&!8`=I!9<997,!
0E^{-}/(0/2!F_{+}(2/8N!L_{*}^{2}(?(X!1./!F_{-*}/2!E_{a}/!'B!) + %1\%@?1\%.0!J/1!K'_{a}![1\%1/!E\%1?(!ZW/_{*}-\%(!ZW/_{*})])
       M?01'&A!U'&a0.'T!4f''WI!R%&-.!"6I!9<9"7,!
) 'R"5!'&NOH!
OP\&/\%0+\&/!M+(1?(X!\%(2! \&\%@/!C'\$\$?(X!?(!1./!R/2?/@\%\$!\%(2!Q\%\&\$A!R'2/\&(!M?OT\%(?-!U'\&\$2,0!))))
       M+W%(?!?/0!^{/(1/\&!b/00/!E,!C'0/($/\&X/\&!U'\&a:?(:F\&'X\&/00![/W?(%\&!4J'@/W$/&!9"I!)])}
       9<9:7.!
0Z(1'(?'!2/![/Tg\$@/2\%!\%(2!1./!E\%X+(\%!2/! +\%!\%@?1\%,0! +/01!S/-1+\&/!B'\&!M[P!;8dN!^'S'(?\%S!E\%!?(!))]
       ZW/\&?-\%I! [ > J K!D&'-aT'&1!4f''WI!R%&-.!"9I!9<9"7,!
0C/%-1?'(0!1'!1./!ZW/&?-%(!O(-'+(1/&N!D%&1'$'Wh!2/!E%0!^%0%0!%(2!R?-./$!2/!R'(1%?X(/,0!
        +/01!E/-1+\&/!B'\&!MY[P!"9;N!Q%\&SA!R'2/\&(!Q+\&'T/I!")d<`"8<< I!>(?@/&0?1A!'B!C'-./01/&!)
       4 /$&+%&A!"5I!9<9"7,!
0C/\$?X?'(!?(!1./!R/2?1/\&\&%(/%(!E%(20-\%T/,0!J/]-\%0!\$/!>(?@/&0?1A!%(2!D'+&(/W'+1.!>(?@/&0?1A!))))
       OC'A%$!U'&a0.'T0!'B!1./!Z$.%W$&%0!Z&-.%/'$'XA!F&'X&%WI!\&%(%2%I![T%?(!4b+$A!"dI!
       9<"87,!
J5)Q"HH()*&N!"WJ"5("*%"!
J/3V/=X!&00,01=+1!4R%(+0-&?T1!C/0/%&-.!?(!^'SS%$'&%1?'(!]?1.!C%&/!D''a0!i![T/-?%S!
       ^'\$\/-1?'(0@!^'(B\&/(-/!%(2!O@/(1!F&'X&%WW?(X7@!P./!C'00/\$\M'T/!C'\$\$?(0!E?\$\&\&AI!
       > (?@/\&0?1A!'B!C'-./01/\&!49<"6`7,!
5.0.=/67!&00,01=+10!F&'B/00'&!F/1/&!^.&?01/(0/(I!>(?@/&0?1A!'B!C'-./01/&,!F&'2+-/2![T%(?0.!
       $?$$?'X&%T.A!B'&!P
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       F%&aI!FZN!F/((0AS@%(?%![1%1/!>(?@/&0?1A!F&/00I!9<997,!49<9<7,!
5.0.=/67!&00.01=+10!F&'B/00'&![.%&'(!e?('0.?!%0!>(?@/&0?1A!'B!^%$?B'&(?%I![%(1%!^&+c!%(2!>^!
       R+$1?-%WT+0!C/0/%&-.!F&"#/-1!?(!R/2?1/&&%(/%(![1+2?/0,!F&?(-?T%$!%00?01%(1!1'!-':2?&/-1'&!
       \%(2!/H1/(0?@/!\&/0/%\&-.!B'\&N!R\%\&-'!F'S'I!T D)
                                                                             I!/2,![.\%\&'(!
       e?('0.?1% 4Y(2?%(%T'$?0I!YJN!M%-a/11I!9<"57,!49<"97,!
J5)0"HH()*&N!#"L"N)J<"*'!
```

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\&%2+%1/!E?%?0'(I!>(?@/&0?1A!'B!C'-./01/&!M?01'&A!L/T%&IW/(1!49<9)`7!
G\&X%(?c?(X!^'WW?11//!R/W$/\&I!9<95!j%X%(1/0!^'(B/&/(-/!'(!R/2?/@%S![1+2?/0!49<9)^7!)
Z\&-.\%/'S'XA!\%(2!Q1.('.?01'\&A!49<9)7!
F&'X&\W!^''&2?(\%1'&I!>(?@/&0?1A!'B!^'S'&\%2'!R/2?1/&&\(/\%(![1+2?/0!\&'+T!49<"5`9<"67!
      F\&?(-/1'(!>(?@/\&0?1A!!>(?@/\&0?1A!'B!R?-.?X\%(I!>(?@/\&0?1A!'B!G\&/X'(I!>(?@/\&0?1A!'B!J'1\&/!B!J'1\&/!B!G\&/X'))))
      L\%W/I!F'W'(\%!^{S}/X/I!>(?@/\&0?1A!'B!R?((/0'1\%I!\%(2!>(?@/&0?1A!'B!^'S'&%2',!))))
N&*P$&P"H!
\%01?S?\%(![T\%(?0.!\%(2!Q(XS?0.!4BS+/(17!)
E\%1?(I![]/2?0.I!^\%1\%5\%(I!j\%5/(-?\%(!4\&/\%2?(X7!))))
5"0"5"*%"H!
Y'' = 73X = 0!\%!! \#.-=+.2!!1. W%0,2/@%(/A*&'-./01/&,/2+!)
Z00'-?%1/!F&'B/00'&!'B!M?01'&AI!Z00'-?%1/!L/%(I!>(?@/&0?1A!'B!C'-./01/&!
AY!N=F/=!\&6T./X=+!HX3DD./I!S%+\&%,0W'SS/\&*\&'-./01/\&,/2+!
F\&'B/00'\&!'B!M?01'\&AI!>(?@/\&0?1A!'B!C'-./01/\&!
ZY!J = [03! < Y!H, ./=!H,0=
```

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