```
#
4"#B+C'0#/012'--*1.%,#:0'5'.+*%,-#D,*7'.-60'E#7'0+*2*7%+*1.E#'+7"F##
#
I = (-+47*$@(7-/$I..14+7/+1*$?QC$21-$@(7:/"47-($!-1,+8(-$ MD--(*/$ F7/+1*7:$I/":(/+4$'-7+*(-.\$I..14+7/+1*$!""#$%&\$ %&AV\$\$>-(.(*/$ M(-/+2+(8\$I/":(/+4\$'-7+*(-\$!'(\$\$\$()\*(+\&\$)""#$%\&\$ %&AG\$\$>-(.(*/\$' (H7.\$Q+4(*.(8\$I/":(/+4\$'-7+*(-\$')""#$))*(+\&\$' %&AX\$
```

#

 $W" \# Y6.5'5 \# L.+'0.\%,\#)'\% 7 C^*.9 \# W0\%.+-\#\%.5 \# : 1.+0\% 7 +-($ 

```
$
                 $
                 $
$
                 $
$
                 $
U"#$1.]0'2'0''5#!0+*7,'-(#
J"#: 1.2'0'.7'#/017''5*.9-##
%"#A'2'0''5#:1.2'0'.7'#/017''5*.9-(#
%&%%$
                 06:5-5F6J/E KXb$fC7=$@1D./1*$C/7/($) *+, (-.+/0b$4+2"&<*6(.42-"";.8%-;+\$2.,6*$&+6#J.
                 >;$&$2*;. E *&*:+0+&%.)+2$#$"&#."&.I"C.4"2$"+2"&"0$2.4\\*\5#.!*\$+&\\#7\$cJD:0\\%!"T$\\&\\d$
                 '"($C1D/"<(./$I/":(/+4$'-7+*(-.\$I..14+7/+1*\$C0=>1.+D=\$I-:+*:/1*\$' U.
                 C(" = (-\$ 6 F f \$ 0 6:5 - 5F6J/E K f \$ ? + (.(\$ 9 6 f \$ C 4" 7 (2(-\$ # I f \$ ` -+; ./(8\$C 6 f \$ ! 1 ./\$\ S h \$)
                 ?(::$#OfR$f'"($) *+, (-.+/O$12$ 3+.41*.+*$ 6 78+.1*T$hK*8+7*7$C/7/($) *+, (-.+/Ob$4%6+&:\%-.
                 ) $33+6+&2+#.$&./&=56+<.*&<.9+*;%-(.I$O?#.*%.K.E"&%-#.*&<.L.E"&%-#.!"#\H8>I.
                 A+2"&#%652\%"&%cJD:0\%\&\%d\$' "(\$F7/+1\*7:\$I/\":(/+4\$'-7+\*(-.i\$I..14+7/+1\*\$M1\*2(-(\*4\$)
                 06:5-5F6J/E KXT$ 6 +::(-$\MfT$\E(-=7*$Q\hT$?+(.($9 6 fT$C("=(-$ 6 FfT$?(::$#OfT$f'"($
                 ) *+, (-.+/0\$12\$3+.41*.+*\$678+.1*T\$hK*8+7*7\$C/7/(\$)*+, (-.+/0<math>\$4+2"\&<*6(.42-"";.8\%-;+\%\$2.
                 , 6*$&+6#J.M*D$: *%$"&. "3.! *%$+&%.4 "2$"+2"&" 0 $2.4\\*\\5#;>-*;;+&:+#.$&.>*6+G.8.N5*;$\\*\\5H-.
                 4%5<(7%c I >-+:$%&%%d$ i 7:($?1D4"(/$M1*2(-(*4($1*$#+, (-.+/0$7*8$S-78D7/($\ 8D47/+1*b$
                 C(" = (-\$ 6 F f \$ 0 6:5 - 5F6J/E \$ f \$ ? + (.(\$ 9 6 f \$ C 4" 7 (2 (-\$ # I f \$ ' - +; ./(8 \$ C 6 f \$ ! 1 ./\$ \ S h \$ )
                 ?(::$#Of\\f\'\"(\$)\*+,(-.+\0\\12\\3+.41\*.+\\$\678+.1\\\\8+7\\7\\(\)\\\\\\\\\\+,(-.+\0\\\4\\6+\\2\\\-.
                 ) $33+6+&2+#.$&./&=56+<..*&<..9+*;%-(..1$0?#..*%.K.E"&%-#..*&<.L.E"&%-#.!"#\H8>1.
                 A+2"&#%652\%"&\%c67-4"\%\&\%\d\\" (\$S-(7\\\Q7g(\$I\/":(\+4\\\'-7+\*(-.i\\\I..14+7\+1\*\\\66((\/+\*;\\T\)
                 3 "((:+*;T$KQ$
                 S
                 06:5-5F6J/EKX\$6+::(-\$\Mf\$\$!-+(/1\$Qf\$\$M1:D=*7\$Qf\$$?+(.(\$9 6 f\$$?(::\$#Of\$$f'"(\$
                 ) *+, (-.+/0\$12\$3+.41*.+*\$678+.1*\b\$, -+./01*2\"."3.4"2\""+2"\&"0\$2.4\\*\5#."\&.41"6\".
                 ! *6%$2$I *%$"&7$c 6 7-4"$%&%%d$' "($S-(7/$Q7g($I/":(/+4$'-7+*(-.i$I..14+7/+1*$6((/+*;T$
                 3 "((:+*;T$KQ$
```

```
82\\D\\(.!6":6*07\\cdot\)0\\\A\\\*/(-*7/+1*7:\CO=>1.+D=\\12\\I87>/(8\\!"0.+47:\\I4/+,+/0\\\
                        06:5-5F6J/E Kb$8<6+##$&:.\(\hat{\text{"15}};*\(\hat{\text{"15}};*\(\hat{\text{"15}};*\(\hat{\text{"15}};*\(\hat{\text{"15}})\) +\(\hat{\text{"16}}\) 6:$$
                       cI>-+: \% \& \% Ad \%' "(\$ 3 +.41*.+*\$ I/": (/+4\$' -7+*(-.\$\$ I..14+7/+1*\$C0=>1.+D=\$\$ +-/D7:\$)
                       ! JT$9:+(/"(-=(.$C IT$?(::$#Ob$9$:-.42-"";.0*6#$\(.>"*2-+\(H).'FI+2\(\*\\)"*\&"."3.0"5\(\)-.41"6\(\).
                       41+2$*;$B*\$''&.*&<./&\|+&\|$D+.,6*\$&\$&:G.8.2"O1*6\|\"&."3.>"*2-.4+F7\$c67-4"\$\&\&Ad\$'"($
                       S-(7/\$Q7g(\$I/":(/+4\$'-7+*(-.i\$I...14+7/+1*b\$]+-/D7:\$
                       ! JT$9:+(/"(-=(.$C I T$?(::$#Ob$9$:-.42-"";.0*6#$\\(.>"*2-+\(!). 'F1+2\(\)*\\$"&\(!)"\(.>"3.Q"5\(!-.41"6\(.).
                       41+2$*;$B*\$"&. *&<./&\+&#$D+., 6*$&$&:G.8.2"01*6$#"&."3.>"*2-.4+F7.cJ7*D4 6 50Q4 6 50(6)$\&$(
                        S-(7/\$Q7g(\$I/":(/+4\$'-7+*(-.i\$I...14+7/+1*\$]+-/D4 6 50Q4 6 50:
%&%&$
                        !JT$9:+(/"(-=(.$CIT$?(::$#Ob$, -+.*##"2$*%$"&.?+%C++&.9$:-.42-"";.>5%$&:.!";$2(.*&<.
                       42-"";.4$B+.C$%-.41"6%.41+2$*;$B*%$"&.4%*%5#.*&<. E5;%$#1"6%.! *6%$2$1*%$"&?$JD:0T$%&%&$
                        1+-/D7:$F7/+1*7:$I/":(/+4$'-7+*(-.i)*I...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1*$M1*2(-(*4()*1...14+7)*1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14+7/+1**1...14**1..
                        06:5-5F6J/E KT$ ?+(.($9 6 T$ 6 4 S D+*($' I T$C4"7(2(-$#T$ ?-11g.$ 6 I T$ 3 7/.1*$ I 6 T$O4 6 50O*
                        !JT$9:+(/"(-=(.$CIT$?(::$#Ob$, -+.*##"2$*%$"&.?+%C++&.9$:-.42-"";.>5\%&:.!";$2(.*&<.
                       42-"";.4$B+.C$\%-.41"6\%.41+2$*;$B*\\$"&.4\\*\\5#*\&<.E5;\\$#1"6\%.!*6\\$2$1*\\$"&7.k'1>+4.\$+*\$
                        j 1D/"$C>1-/.$C>(4+7:+e7/+1*R$MD--(*/$O(.(7-4"$2-1=$/"($ 3 +.41*.+*$K*PD-0$+*$C>1-/$
                       O7E1-7/1-O\$7/\$) 3 N 6 78+. 1*b1\$c I >-+:\$\%\&\\&\\M\"+:\8-(*i.\$3+.41*.+\$\]+-\D7:\$!-(.(*\7\/+1\$\)
                       ! JT$9:+(/"(-=(.$C I T$?(::$#Ob$, -+.*##"2$*%$"&.?+%C++&.9$:-.42-"";.>5\%$&:.!";$2(.*&<.
                       42-"";.48B+.C$\%-.41"6\%.41+2$\*;$B\*\\$"\&.4\\*\\5#.*\&<. E5;\\$\#1"6\%.!\*6\\$2$1\*\\$"&7\&6 67-4"\$\\&\\&\d$
                        S-(7/\$Q7g(\$I/":(/+4\$'-7+*(-.i\$I...14+7/+1*\$6((/+*;T\$3"((:+*;T\$KQ\$fM7*4(:(8\$8D(\$/1\$)))))))))
                       Ma]K#NAZ$
                        06:5-5F6J/E Kb$4"2$"+2"&"0$2.4\*\$5#.*&<. R - (.$\\. E *\\\\+6#.$&.9+*;\\\-.>*6+b\\\\_(E-D7-O\)
                       %&%&d$'"($) *+, (-.+/0$12$ 3 +.41*.+*$ 6 78+.1*$ I /":(/+4$'-7+*+*;$\ 8D47/+1*$!-1;-7=$
                        I:D=*+\$C0=>1.+D=\$678+.1*\$3 \ \text{K}
%&AZ$
                        06:5-5F6J/E KT$!1./$\ST$?+(.($96T$C4"7(2(-$#IT$?(::$#OT$?-11g.$6I$$!+62+I\$"&"."3.
                       @ *2\"6#.A+; *\\+<.\\".41"6\\#.41+2\$*;\$B*\\$"\&.?+\\C++&.! *6+&\\#. *&<.>-\$;<6+&\\$cJD*(\$\&AZd\$' ''(\$
                        F7/+1*7: I/":(/+4$'-7+*(-.i)I...14+7/+1*M1*2(-(*4(NO7.)](;7.NF])
                        06:5-5F6J/E KT$!1./$\ST$?+(.($9.6T$C4"7(2(-$#IT$?(::$#OT$?-11g.$6.I$!+62+1\%"\%#."3.
                       @ *2\"6#.A+; *\\+<.\\".41"6\\#.41+2\$*;\$B*\\$"\&.?+\\C++&.! *6+&\\#. *&<.>-\$:<6+&\\$c (E-D7-0\$\&AZd\$
                        06:5-5F6J/E Kb$, -+. 9+*;%-. 8##+##0+&%. "&.M++<#."3. S*&#*#.4%*\\+.4\\5<+&\\#.456D+(b\\cappa I>-+:\\$
%&AB$
                       \&ABd\$\#(2(*.(\$7*8\$!DE:+4\$@(7:/"\$)H>(-+(*4(\$67*"7//7*\$9C\$))))
%&A[$
                       06:5-5F6J/E Kb$I *%+6*;. 8&T;+. ! *$&.$&.*., 6*2T. *&<.@$+;<. 8%-;+%+6.> *#+.4%5<(b$cJD:0$%&A[d$
                        ' "($6+8<(./$C>1-/.$6(8+4+*($M1*2(-(*4(T)$3+4"+/7T)$9C)$
                        06:5-5F6J/E KT$'-1<E-+8; (T$Mb$>"6+.4%*?$;$%(.*&<.9$1.A*&:+."3. E"\%"&.>-*&:+#.5#$&:.
%&AG$
                        >''&\6'';.*&<.4\6+&:\%-7\sc I>-+:\$\&AGd\$C>-+*;\%&AG\\@1*1-.\$O(.(7-4"\$CO=>1.+D=T\\I-:+*;/1*T\\
```

```
'U$
U"#$1.]0'2'0''5(#
%&%%$
                           06:5-5F6J/E KT$!-+(/1$Q I T$O(E*($ I I T$?1":+;$ 6 b$S$& 'V% E+&%"6$&...!6":6*07$c I>-+:$
                           %&%%d$ j 7:($?1D4"(\$M1*2(-(*4($1*$#+, (-.+/0$7*8$S-78D7/($\8D47/+1*b$
                           $
                           06:5-5F6J/E KT$?+(.($9 6 T$ 6 4S D+*($' I T$C4"7(2(-$#T$?-11g.$ 6 I T$ 3 7/.1*$ I 6 T$Q7*;$
%&%&$
                           !JT$9:+(/"(-=(.$C I T$?(::$#Ob$, -+.*##"2$*%$"&.?+%C++&.9$:-.42-"":.>5\%$&:.!";$2(.*&<.
                           42-"";.4\$B+.C\$\%-.41"6\%.41+2\$*;\$B*\%"\&.4\%*\%5\#.*\&<.E5;\%\$\#1"6\%.!*6\%\$2\$1*\%"\&7\$ a 4/1E(-\$B/"\$\$)
                           %&%&$ B 1 . 65Y3/06-=4@/PZ284;/M636-:C@/,; . N1382 . T$ 6 78+. 1*T$ 3 K$
                           06:5-5F6J/E KT$!1./$\ST$?+(.($96T$C4"7(2(-$#IT$?(::$#OT$?-11g.$6I\$!+62+I\$"\&"."3.
%&AZ$
                           @ *2\"6#.A+; *\\+<.\\".41"6\\\#.41+2\$*;\$B*\\$"\&.?+\\C++&.! *\6+&\\\\#. *\&<.>-\$;<\6+&\%\\67\\$[/"\]\$\&AZ\\$
                           7 B T E - F8315/ [:-F2-46/\ -5Z264\mathbb{Z} 6 78+. 1*\mathbb{Z} 3 \mathbb{Z}
%&AG$
                           06:5-5F6J/E KO/'-1<E-+8: (T$Mb$>"6+.4\*?$:$\(.*&<.9$I.A*&:+."3. E"\\$"&.>-*&:+#.5\#$&:.
                            , -6++.) $33+6+&%.4-"6\\\#60.\&\+6D+&\\$"&\\".\$"0.\\.\".\$"0.\\.\".\"6D+\\".\"\"6D
                           >"&\6";.*&<.4\6+&:\%-7\s I>-+:\%\&AGd\$C1D/"<(./\$I/":(/+4\$'-7+*(-.i\$I...14+7/+1*T\$I-:+*;/1*T\$
                           'U$
%&AX$
                           E "%$"&. C$%-.! *##$D+.4%6+%2-$&:.*&<. E ( "3*#2$*;.A+;+*#+.*%.%-+.9 *0#%6$&:#7$ 6 70$%&AXb$
                           '"($) *+, (-.+/0$12$' (H7.$7/$ I -:+*;/1*$9+*(.+1:1;0$O(.(7-4"$#70\) I -:+*;/1*\\" U/
                           IE1 < 8\$ 6 \ \[ \] / \ 0 6:5 - 5 F 6 J / E K\[ \$ a i O (+::0\$ 9 J\[ \$ ' - 1 < E - + 8; (\$M\\ \$, \$##5+., + 0 I + 6 *\\ 56+. > - *\&: +#.\$\&.
                           A+\#1''\&\#+.\%'', 9(1+6\&2+W.*\&<.X\%-+6...6*<\$\%''\&*:.>6(''\%-+6*1(...+2-\&\$V5+\#\%c 6 70\%\&AXd\$'''(\$)
                           ) *+, (-.+/0\$12\$' (H7.\$7/\$I-:+*;/1*\$9+*(.+1:1;0\$O(.(7-4"\$#70\$I-:+*;/1*\$' U\$
P"#! U-+0%7+-(#
?@6/A1=1 | 85S/N2U=83@6F/-U34:-C43/ | 6:6/-=31/N:636546F/-4/C15A6:65C63V/?@636/-:6/-=31/=8346F/85/
^ 15A6:65C6/`:1C66F85S3a/-U196>//
                           06:5-5F6J/E KX\\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strue{10.71*\strace{10.71*\strace{10.71*\strace{10.71*\strace{10.71*
%&%%$
                           >;$&$2*;. E *&*:+0+&%.)+2$#$"&#."&.I"C.4"2$"+2"&"0$2.4\\*\5#.!*\$+&\\#7\$cJD:0\\%!"T$\\&\\d$
                            ""(C1D/"<(./SI/":(/+4S'-7+*(-.SI...14+7/+1*SC0=>1.+D=bSI-:+*;/1*TS'U.
                           C(" = (-\$ 6 \text{ F f } \$ 06:5 - 5 \text{F 6 J/E } \$ f \$ \$ ? + (... (\$ 9 6 f \$ C 4" 7 (2 (-\$ # I f \$ \$ ' - + ; ./(8 \$ C 6 f \$ \$ ! 1./$ \ S h \$ )
                           ?(::$#Of\\f\'\"(\$)\*+,(-.+\0\\12\\3+.41\*.+\\$\678+.1\\\\8+7\\7\\(\)\\\\\\\\\\+,(-.+\0\\\4\\6+\\2\\\-.
                           A+2"&#%652\\$"&7\sctright\scriptsO\\$\\&\%\d\\$' \"(\$F7\+1\*7:\$\I\/\":(\/+4\\$' -7\+\*(-.i\\$\I ...14\+7\/\1\*\$M1\*2(-(\*4\\$)
                           06:5-5F6J/E KXT$ 6 +::(-$\MfT$\E(-=7*$Q\hT$?+(.($9 6 fT$C("=(-$ 6 FfT$?(::$#OfT$f'"($
                           ) *+, (-.+/0\\\03 +.41*.+\$\67\\8+.1\\\8\\8+7\\\7\\(\8\) *+, (-.+/0\\\\4+2"\&<\\6(.42-\)";.\\8\\-;+\\\2.
                           , 6*$&+6#J.M*D$: *\\$''\&. ''3. ! *\\$+&\\ 4''2$"+2"&" O$2.4\\*\\5#.>- *;;+&:+#.$&.>*6+G.8.N5*;$\\*\\$D+.
                           4\%5<(7\%c I>-+:\%\%\%\%d\$ j 7:(\$?1D4"(/$M1*2(-(*4(\$1*\$#+, (-.+/0\$7*8\$S-78D7/(\$\setminus 8D47/+1*b\$)))))
                           C(" = (-\$ 6 \text{ F f } \$ 06:5 - 5 \text{F 6 J/E } \$ f \$ \$ ? + (... (\$ 9 6 f \$ C 4" 7 (2 (-\$ # I f \$ \$ ' - + ; ./ (8 \$ C 6 f \$ \$ ! 1 ./ \$ \ S h \$ )
                           ?(::$#Of\\f\'\"(\$)\*+,(-.+\0\\12\\3+.41\*.+\\$\678+.1\\\\8+7\\7\\(\$\)\\\\\\\\+,(-.+\0\\\4\\6+\\2\\\-.
                           ) $33+6+&2+#.$&./&=56+<.*&<.9+*:\%-(.I$O?#.*\%K.E"&\%-#.*&<.L.E"&\%-#.!"#\H8>I.
```

```
! "#$%%! '%
              I...14+7/+1*$O(.(7-4"$`$\8D47/+1*$_1D*87/+1*$$\%0%TX&&$
%&%&$
              `:85C8N=6/K596348S-41:>/E-;:65-/K3-.-:/06:5-5F6J\\\O1E(-\\\?("*g(\\O(.(7-4"\\
              I..+./7*4($I <7-8b$, -+. Y*66$+6#. *&<.@ *2$;$\\*\"6#. "3. I"C.4"2$"+2"&"0$2.4\\*\5#.Q"5\\-.
              8%-;+%+#., "C*6<#.41"6%.41+2$*;$B*\$"&7.S-(7/$Q7g(.$I/":(/+4$'-7+*(-.$I..14+7/+1*\$0\TX&&$
V"#N6U&*++'5E#U6+#.1+#Y6.5'5E#4>+'0.%,#W0%.+-#%.5#:1.+0%7+-(#
%&%%$
              `:85C8N=6/K596348S-41:3>/E-:;/B8=8-.30/_@:83/[:665=6-A0/E-;:65-/06:5-5F6Jb$J1E.$
             7*8 \ 8D47/+1*$21-$' (H7*.$cJ \ 'db$' (H7.$31-g21-4($M1==+..+1*$c' 3Mdb$o%G[TX%Gb[Z$)] 
J"#Y6.5'5#L.+'0.%.#W0%.+-#%.5#:1.+0%7+-(#
P"#N6U&*++' 5E#U6+#. 1+#Y6.5' 5E#L.+'0.%,#W0%.+-#%.5#:1.+0%7+-(#
@"#Y',,1H-C*?-E#!H%05-E#G1.10-(#
%&%%$
              '"(181-7$@(-2D-/"$9DE:0$6+*1-+/0$_(::1<."+>b$'"($)*+,(-.+/0$12$3+.41*.+*N678+.1*b$
              \8D47/+1*$S-78D7/($O(.(7-4"$C4"1:7-.$_(::1<."+>\b$'"($)*+,(-.+/0$12$3+.41*.+*N
              678+.1*b$
              %&%A$
              I...14+7/+1*$O(.(7-4"$7*8$\8D47/+1*$\1D*87/+1*b$
              67-0$\text{Ob}$ 64g*(($7*8$\:+e7E(/"\$37/(-.\$C4"1:7-."+>\b\$'"(\$)*+, (-.+/0\$12\$3+.41*.+*N
              678+.1*b$
```

 $C4"11:\$12\$ \times \$D47/+1*\$?-+8; (\$/1\$CD44(...\$)"(\$)*+, (-.+/0\$12\$3+.41*.+*N678+.1*$$$ 

%&%&\$

```
!L"#@<JL!=<#
! "#L.-+*+6+*1.%,#
S"#; .*<'0-*+=(#$
V"#N7C11.(#; E(#B1*C(-0*A8#./#M*0%.10*1#D#7&'*0.1#D#@%E..2#./#<'6%&A*.1(#
B6+0'%7C#7C%*0"#N7C11,#12#4567%+*1.#T%+*.'X`#!22*.*+=#W016?"#Y%,,#VKVK]/0'-'.+#
J"#@'?%0+&'.+XN7C11,(#;E(#B1*C(-0*A8#./#M*0%.10*1#D#7&'*0.1#D#N(0&-A)(1A#./#P*1(0*.2.58(#
: 1&&*++''#7C%*0"#a*.4b+#['.+10*.9#7,6U"#N6&&'0#VKVK]/0'-'.+#
: 1&&*++' '#7C%*0"#W0%56%+'#-+65*'-#71&&*++' '"#Y%.,#VK]/0'-'.+#
: 1&&*++''#7C%*0"#4b6*+=E#:,*&%+'E#%.5#@*<'0-*+=#:1&&*++''#N6&&'0#VKVK]/0'-'.+#
a*.'-*1,19=#W0%56%+'#N+65'.+#:1C'-*1.#:1&&*++''#/0'-*5'.+"#Y%,,#VKSc]/0'-'.+#
P"#/012'--*1.%,(#
!((-$O(,+(<(-R$ 6 C$K # pR$C! a O'C@\ I O'@L%&%AL&YZYAXb$ 6 C$'K'O\R$C>1-/$.>(4+7:+e7/+1*T$41=>(/+/+,($
1:D = (1\%+PD-0\%7*8\%.:((>\%"7E+/.\%+\%01D/"\%.>1-/\%I$>-(:+=+*7-0\%./D80\%12$) C$01D/"%E7.g(/E7::b\$C(>/(=E(-\%-1))) C = (1\%+PD-0\%7*8\%).((-\%-1)) C = (1\%+PD-0\%7*8\%).((-\%+PD-0\%7*8\%)).((-\%+PD-0\%7*8\%).((-\%+PD-0\%7*8\%)).((-\%+PD-0\%7*8\%)).((-\%+PD-0\%7*8\%)
Z#$T$%&%A$
! ((-$O(,+(<(-\% 67*D.4-+>/$pJ I ' &YG&\%AT$q\7-:0\$C>1-/\$C>(4+7:+e7/+1*\$Q+*g(8\$/1\$Q1<(-\\ \H/-(=+/0\$
D*4/+1*T$!7+*T$` $K*PD-O$+*$F1*7/":(/($M1::(;($C/D8(*/.bq$JD:O$%V\"T$%&%A$
! ((-$O(,+(<(-R$ 67*D.4-+>/$p$KJ I ' 'b%&%N&&GAbOA$(*/+/:(8$Z, -+.>"01*6$#"&.Y+\\C++&./&#\\650+&\+<.*&<.
X?#+6D+6.A*%+<. E+*#56+#. "3.%-+. E "<$3$+<. Y*;*&2+. '66"6.42"6$&:.4(#%+06.8.>6$\%2*;;(.8116*$#+<., "1$2Z\$
21-$/"($K*/(-*7/+1*7:$J1D-*7:$12$I/":(/+4$'"(-7>0$`$'-7+*+*;b$JD*($AX/"\%\&\&$
: "#:1&&6.*+=(#
T%2'.'#G'%,+C#:'.+'0#G'%,+C#/01&1+*1.#)'%&"#[%.C%++%.E#aN"#N6&&'0#S0]N?0*.9#$C#
@"#N'0<*7'#G1.10-#%.5#!H%05-(##
4"#N'0<*7'#W0%.+-#%.5#:1.+0%7+-#
S"#Y6.5'5#4>+'0.%,#N'0<*7'#W0%.+-#%.5#:1.+0%7+-(#
V"#N6U&*++'5E#U6+#.1+#Y6.5'5E#4>+'0.%,#N'0<*7'#W0%.+-#%.5#:1.+0%7+-(#
J"#Y6.5'5#L.+'0.%,#N'0<*7'#W0%.+-#%.5#:1.+0%7+-(#
P"#N6U&*++'5E#U6+#.1+#Y6.5'5E#L.+'0.%,#N'0<*7'#W0%.+-#%.5#:1.+0%7+-(#
```