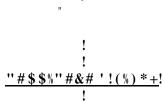
#\$%\$"" &'()*+,"-\$.\$"



	/
#\$%\$""	"
&'()*+,"-\$.\$"	
8WWW! !	')7%,4,)P!<26%)!'-7)!567\$)!B7-2%,%,#&)7?!<.)7,2-&!567\$)\$!'7)P)&%,-(,&*!')&%)
I : 8I!	<.)7,2-&!>)-7%!<\$\$#2,-%,#&!X! <p=-&2)p!'-7p,-2!v,4)!16yy#7%!< td=""></p=-&2)p!'-7p,-2!v,4)!16yy#7%!<>
	(1, 1), $(1, 2)$, $(1, 1)$, $(1, 2)$, $(1, 1)$, $(1, 1)$, $(1, 2)$, $(1, 1)$, $(1,$
8WWE!	<.)7,2-&!>)-7%!<\$\$#2,-%,#&!X!"-\$,2!V,4)!16YY#7%!
1	
, 4 \$DC+FF%D (@ * &!+ I 4+ \$ %+@ '' +E!
!	
!	
<u>*J/=1K-J!C/J</u>	L,26! * MM: -72K1725E!
! I : 8WJ!	<\$\$#2,-%)!B7#4)\$\$#7!D%)&67)PG!
1.0%3.	$+,((,!/0!' #\&\&)((!123##(!#4!567^{$,\&*!}$
I	"#\$\##&! '#(()*)!
!	' 3)\$%&6%!>,(((?!@-\$\$-236\$)%%\$!
!	
I::KJ!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	!!!!!! <pz6&2%!12,)&%,\$%!< td=""></pz6&2%!12,)&%,\$%!<>
	[3)!>,&P-!-&P!<7%367)!@-726\$!\&\$%,%6%)!4#7!<*,&*!U)\$)-723!
!	> 07); !1)&, #7V, 4)!
	"#\$%#&?!@-\$\$-236\$)%%\$!
8WKWJI:8W!	<\$\$#2,-%)!B7#4)\$\$#7!
	123##(!#4!567\$,&*!
	"#6=)! ' #(()*)!#4!>)-(%3!12,)&2)\$!
!	5#7%3)-\$%)7&!R&,=)7\$,%S!
!	"#\$%#&?!@-\$\$-236\$)%%\$!
! I::9JI:8W!	T,\$%,&*6,\$3)P!U)\$)-723!/-26(%S!
19J1.0W:	123##(!#4!567\$,&*!
I	"#6=)! '#(()*)!#4!>)-((3!12,)&2)
I	5#7%3)-\$%)7&!R&,=)7\$,%S!
!	"#\$\##&?!@-\$\$-236\$)\\\\\$!
!	
I::KJI:89!	B3T!B7#*7 !T,7)2%#7!
	123##(!#4!567\$,&*!
	"#6=)!'#(()*)!#4!>)-(%3!12,)&2)\$! 5#7%3)-\$%)7&!R&,=)7\$,%S!
	5 # /#5) - \$# / / &: K &, =) / \$; %5: " #\$%#&?!@ -\$\$-236\$) %%\$!
	$\pi \varphi_{n} \pi \alpha :: @ - \varphi \varphi - 2.50 \varphi f(n_{N} \varphi):$
8WWHJI:8:!	<26%)!'-7)!567\$)!B7-2%,%,#&)7!B7#*7!T,7)2%#7!
!	123##(!#4!567\$,&*!
!	"#6=)! '#(()*)!#4!>)-(\3!12,)&2)\$!
!	5#7%3)-\$%)7&!R&,=)7\$,%S!
	"#\$%#&?!@-\$\$-236\$)%%\$!
! 8WWIJI::K!	5)#&-%-(!567\$)!B7-2%,%,#&)7!B7#*7!T,7)2%#7!
0 w w 1 J 1 K! 	$5 \ / \# \alpha - \# - (! \ 5 \ 6 \ 7)! B / - 2 \# \pi) / ! B / \# \alpha) / ! B / \# \alpha / ! 1 , /) 2 \# / ! $ $123 \# \# (! \# 4! \ 5 \ 6 \ 7 \ \$, \&^*!$
•	
1	"#6=)! '#(()*)!#4!>)-(%3!12,)&2)

/"

#\$%\$""

#\$%\$""	л И		
&'()*+,"-\$.\$"			
!!			
8WFWJ8WK9!	1%-44_'3-7*)!567\$)!DY)7!P,).G!		
!	a(#=)7!@).#7,-(!>#\$Y,%-(!!!!	!	!
!	5))P3?!@-\$\$-236\$)\\\\$!		
!			
8WFWJ8WK:!	\&\$%762%#7?!@)P,2-(J167*,2-(!567\$,&*!		
!	123##(!#4!567\$,&*!		
!	1%0!M(,N-O)%3`\$!>#\$Y,%-(!		
!	"#\$%#&?!@-\$\$-236\$)%%\$!		
!			
8WFKJ8WFW!	1%-44!567\$)!DY)7!P,).G!		
!	1%0!M(,N-O)%3`\$!>#\$Y,%-(!		
!	"#\$%#&?!@-\$\$-236\$)%%\$!		
!			
8WFFJ8WFK!	1%-44_'3-7*)!567\$)!		
!	@)P,2-(J167*,2-(?! ' #7#&-7S! ' -7)!R&,\\$!		
!	>-7%4#7P!>#\$Y,%-(!		
!	>-7%4#7P?! ' #&&)2%,26%!		
!			
9D@D\$F!*@	?!* O * \$? FE!		
!			
I:8W!	/)((#;?!\&%)7U<\b!JJ		

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

#\$%\$"" &'()*+,"-\$.\$" ! d13-&*?!m0?!13)&i)(?!h0?!B--\$23)J

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

$$\begin{split} &1\%7\#6\%?! \] \ 0 < 0?! \ T -=, P?! \ T \ 0 h 0?! \ T \ S \)??! \ M \ 0 h 0?! \ a \ 7 - S?! \ U \ ' \ 0?! \ U \# \ 0, \& \)\%?! \ U \ > 0?! \ 9 : ; \ / <=>! + P \ P! \ D \ I : \ 8 \ E \ 0! \\ &1\%?! \ U \ > 0?! \ U \ + 0?! \ 2 \ 0. \\ &1\%?! \ U \ > 0?! \ U \ + 0?! \ 2 \ 0. \\ &1\%?! \ U \ > 0?! \ U \ + 0?! \ 0, \& \ 0$$

 $\begin{array}{l} dg! @\#77, \$!h050?! \mbox{9::} /<=>!+040?! 1 \mbox{1})(?!] 0?! ")7*?! ' 0?! [23-((-?!<0?! @6\&-&i-7 . ,?!<0?! T -=,P?! T0!DI : 8EG0! 1 \mbox{1} 1 \mbox{7} - \mbox{3}) \mbox{3})!7, \$i !\#4!4-((,\&*C!2\#3\#7\hbar! \$ 6PS!-\&-(S\$,\$! ; ,\%3!8JS) -7!4\#((\# ; J6Y!,\&!2\# . . . 6\&,\%S! P ;)((,\&*!#(P)7!-P6(\%\$0! Y ? P(+''\%) \$ -\%) \&\#2(8ECWI ! T A \c!!8 : 088KE_\$8I KFFJ : 8EJ : IEFJH!! \\ \end{array}$

df @#77,\$?!h050?!**9**:; /<=>!+0?!1%))(?!]0?!B)7(.-&?!'0?!/7,)\$?!"0M0?!a-7.\$J>#.#(#=-?^0?! >)&7-7P?!h0'0?!>,7P)\$?!h0B0?!VZ6&**7)&?!a0?!a7-S?!V0?!1N2N)70,&\$i-?!]0!DI:8EG0!RYP-%,&*!! %3)!@T1!'#*&,%,=)!B)74#7.-&2)!12-()0!=,1%*\$.(,>(+"%)\$-%)&(6#7&')\$-%7(\$*H(O"1%,.,/72(IWD8G9FJ HH0!TA\C!!8:088FF:KW8WKKF8HHWKIL8!Z*Y&0\$-*)Y6002#.!

!

d!1%7#6%?!]0<0?!A`"7,)&?!V0@0?!**9:;**/<=>!+P4

#\$%\$"" & ' ()*+,"-\$.\$" ! Q42/5.6758->!+0?!-&P!1,(=)7?!10!D8WK860!!McY)7,)&2)!,&!B#\$#(#*S?!=,1%*\$.(,>(! 01%#)*/(KH1&\$-), *?!I:?!DK6?!98JE0! ! #\$%\$"" &'()*+,"-\$.\$"

 $\begin{array}{l} \textbf{Q9:; /<=>!+P!G\%-(, *(-'''(Y\%\$)*(AG, -YC(G(^)\#1\$.(G\%-\#(6\%, /\%\$@(>, \%(V, */(U''\%@(P\$\%''(!''\#)H''*-\#F(a)7\#\&\%\#(\#*,2-(!1\#2,)\%\$!#4!<.)7,2-!12,)\&\%,4,2!<\&\&6-(!@))\%,&*?!T-((-\$?![c!D5\#=).0)7!I:8WG!DY\#P,6.!Y7)\$)\&\%-\%,\#\&6! \end{array}$

!

!

 $\begin{array}{l} \mathbf{Q9:; /<=>!+P!OM)\%)-1\$.)-7(J\##1''\#(\$@, */(!''\#)H''*-\#()*(V, */(U''\%@(P\$\%''0!!5))\%; \#7i!,\&!\&\%)*7-\%)P!'-7)!-\&P! < *,\&*!<\&\&6-(!@))\%,\&*?!T)\%,\&?!/(\#7,P-!DT)2). 0)7!I:8KG!DY#P,6.!Y7)\$)\&\%-\%,\#\&G! \\ ! \end{array}$

!

9:; /<=>!+P! *I* "N"., M@ "*-(\$*H(-"#-)*/(,>(OM)%)-1\$.)-7(*J**H"`(>,%(_#"(\$@,*/(P,@@1*)-7WR\$#"H(D.H"%(GH1.-#F!!5)%; #7i!,&!\&%)*7-%)P! '-7)!-&P!<*,&*!<&&6-(!@))%,&*?!<.\$%)7P-.?!5)%3)7(-&P\$!D5#=).0)7! I:8FG!DY#P,6.!Y7)\$)&%-%,#&G!

!

9:;/<=>!+P!!*K*`M.,%)*/(0".>\\P\$%''(\$*H(_#''(,>(KN)H''*&'\\R\$#''H(6%, /\%\$@#F(\&\)7U<\!5)\;#7i!,&!\&\)*7-\)P!

...

#\$%\$"""""""""""""""""""""""""""""""""""
! d 9: ; /<=>!+ $\mathbb{N}!U'''(K$ >>''&-(, >(\$(P, @@1*)-7(Y\$#''H(K`''%&)#''(6%, /%\$@(>, %(D.H''%(GH1#(, *(S''\$'(0-\$-1#(D1-&, @''#2!1,*![3))-![-6!\&%)7&-%,#&-(!U)\$)-723!'#&*7)\$\$?! T60(,&?!\7)(-&P?!Dh6(S!I::960!
! 9:; /<=>!+ \mathbb{N} : <i>K</i> N\$. 1\$-), *(, >(-'''(_#''(, >(\$(6\$-)''*-(0)@1.\$-, %2(5-%,#&-(!A7*-&,N-%,#&!4#7!567\$)!B7-2%,%,#&)7! /-26(%S!<&&6-(!@))%,&*?!B3,(-P)(Y3,-?!B)&&\$S(=-&,-?!D <y7,(!i::l60!!< td=""></y7,(!i::l60!!<>
! 9:; /<=>!+▷!KN\$.1\$-), *(, >(-'''(_#''(, >(\$(6\$-)''*-(0)@1.\$-, %2(5-%,#&-(!V)-*6)!4#7!567\$,&*!MP62-%,#&!16,%! I::I!<&-3), .?!'-(,4#7&,-?!D1)Y%).0)7!I::I60!
! 9: ;/<=>!+P>!xJ*-"/%\$-)*/(P\$#"(?"-',H,.,/7(\)-'(P%)-)&\$.(!">."&-)N"(J*c1)%72(W ^{!"} !<&&6-(!'#&4)7)&2)!#4!<26%)!'-7)!567\$)!B7-2%,%,#&)7\$?!>6&%\$=,(()?!<(-0!DY#\$%)7!Y7)\$)&%-%,#&G?! D <y7,(!i::860!< td=""></y7,(!i::860!<>
! Q9:; /<=>!+P>! <i>dKN\$.1\$-),</i> *(,>(P.)*)&\$.(V''\$%*)*/(>,%(GHN\$*&''H(6%\$&-)&''(01%#''#()*((? \$*\$/''H(P\$%''(K*N)%, *@''*-#2e!-%!%3)!M,*3%3!<&&6-(!<26%)!'-7)!567\$)!B7-2%,%,#&)7!'#&4)7)&2)?!'3,2-*#?! \((,&#,\$?!D <y7,(!i:::60!< td=""></y7,(!i:::60!<>
! 9: ; /<=>!+▷! <i>d I</i>)\$/*,#-)&(!''\$#, *)*/()*(G&1-''(P\$%''(01%#''(6%\$&-)-), *''%(0-1H''*-#2e!-%!%3)!! 1,c%3!<&&6-(!'#&\$)&\$6\$!'#&4)7)&2)!4#7!<26%)!'-7)!567\$)!B7-2%,%,#&)7\$?!B,%%\$O67*3?!! B)&&\$S(=-&,-!DY#\$%)7!Y7)\$)&%-%,#&G?!D <y7,(!8wwkg0!< td=""></y7,(!8wwkg0!<>
$9:; / <=>!+\mathbb{N}!d).)Z$-), *(,>($*(KN$.1$-), *(6.$*(>, %(07#-"@$-)&(D1-&, @"#((?"))))))))))))))))))))))))))))))))))$
! d 9:; /<=>!+▷!f6%"H)&-)*/(V"*/-'(,>(0-\$7()*(K.H"%.7(6\$-)"*-#(\)-'(P,*/"#-)N"(S"\$%-((5\$).1%"f(-%!%3)!LL7P!",)&&,-(!'#&=)&%,#&(#4!1,*![3)%-![-6!\&%)7&-%,#&-(0!!DY#\$%)7!! Y7)\$)&%-%,#&G?!D5#=).0)7!8WWHG0!
! 9 :; /<=>!+ $\mathbb{P}!fU'''(Kg+(!'7-'@(0-\%)M9((]''**(0', 1.H(J(Y''(], \%))''Hhf!-*!*(3))('#&4)7)&2)?((B3,(-P)(Y3,-?!B)&&$S(=-&,-?!DA2*#0)7!8WWHG0D,&=,*)P!$Y)-i)76!$
! Q9:; /<=>!+▷! <i>fU'"</i> (6%"&"M-,%(\$#(6,-"*-)\$.(?"*-,%f!-%!%3)!8E%3!<&&6-(!'#&4)7)&2)!#&!B)P,-%7,2!B7,7S! '-7)?!5-\$3=,(()?![)&&)\$\$))0!1Y#&\$#7)P!OS!%3)!5-%,#&-(!<\$\$#2,-%,#&!#4!B)P,-%7,2!567\$)!<\$\$#2,-%)\$!k! B7-2%,%,#&)7\$0!D@-723!8WWHG!
! d 9: ;/<=>!+b!f6%"H)&-)*/(S,#M)-\$.(V"*/-'(,>(0-\$7()*(K.H"%.7(6\$-)"*-#(\)-'(P,*/"#-)N"((S"\$%-(5\$).1%"f!-%!%3)![3,7P!<&&6-(!5-%,#&-(!'#&4)7)&2)!#&!B7,7S!>)-(%3!'-7)!#4!%3)!! R&P)7\$)7=)P2(!/#7%!>-S\$?!]-&\$-\$0!DY#\$%)7!Y7)\$)&%-%,#&G?!D/)076-7S!8WWHG0!
$\begin{array}{l} & \begin{array}{l} & \begin{array}{l} & \begin{array}{l} & \begin{array}{l} & \end{array} \\ & \begin{array}{l} & \begin{array}{l} & \end{array} \\ & \end{array} \\ & \begin{array}{l} & \end{array} \\ & \begin{array}{l} & \end{array} \\ & \begin{array}{l} & \end{array} \\ & \begin{array}{l} & \end{array} \\ & \end{array} \\ & \end{array} \\ \\ & \end{array} \\ & \end{array} \\ & \end{array} \\ \\ & \end{array} \\ \\ & \end{array} \\ & \end{array} \\ & \end{array} \\ \\ & \end{array} \\ & \end{array} \\ & \end{array} \\ \\ \end{array} \\ \\ & \end{array} \\ \\ \\ \end{array} \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \end{array} \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \end{array} \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \\ \end{array} \\ \\ \end{array} $

```
#$%$""
&'()*+,"-$.$"
567$,&*!-&P!@6747))$0#7#!^)%)7-&$!<P.,&,$%7-%,#&?!5-$3=,(()?![50!DA2%#0)7!8WKHG!
!
```

#\$%\$"" &'()*+,"-\$.\$" ! 9:;/<=>!+▷!S

#\$%\$"" &'()*+,"-\$.\$" D@-723!8WWWG0! ! **9:;**/<=>!+P>!

#\$%\$"" &'()*+,"-\$.\$" **9**:; /<=>!+D:D8WWIJ8WWLG!5)#&-%-(!567\$)!B7-2%,%,#&)7!1Y)2,-(,N-%,#&?!a7-P6-%)!123##(!#4!567\$,&*?! 5 #7%3)-%)7&!R&,=)7\$,%S0!!/6&P)P!OS!%3)!T)Y-7%.)&\%!#4!@)P,2-(!1)267,%S?!@-\$-236%)%%!T)Y-7%.)&\%!#4!B60(.2! >)-(%3?!B7#Z)2%!T,7)2%#70!D|89H?HLHG0! **9:**; /<=>!+D!!D8WKW!X!8WWIG! '7, %, 2-(! '-7)!1Y)2, -(, N-%, #&!B7#*7-.?!a7-P6-%)!123##(!#4!! 567\$,&*?!(5#7\\3)-\$\)7&!R&,=)7\$,\\SF(/6&P)P!OS!\\3)!T,=,\$,#&!#4!567\$,&*?!R010!! T)Y-7%.) & $\|#4| >$)-($(83! - & P! > 6 . - & 1)^{7} = , 2$) $(87 + 7)^{2} + 700 | EWW PKIG!$ 1 %@) + \$@ * &!H\$ * @) F!! >-(=#7\$)&?!'0?!**9**:;/<=>!+P4P?!VS#&\$?!]0?!@-%N?!'0!@##7.-&?!10!DI:I86!x<&!\&%)7P,\$2,Y(,&-7S!M=-(6-%,#&! #4!\3)!>)-(\3!'')&)4.\\$!#4!B-7\\.2.Y-\.&*!.&!-!/)P)7-((S!/6&P)P!'#..6&.\\$J1)7=.2)!M.Y(#S.)&\!B7#*7-.! 4#7!V#; J,&2#.)!A(P)7!<P6(%\$C!<!B,(#%!1%6PS0z/6&P)P!OS!"#\$%#&!'#(()*)!123,(()7!\&\$%,%6%)!a7-&%\$!4#7! McY(#7-%#7S! ' #((-O#7-%,=)!123#(-7\$3,Y0!D|9:?:::G! ! **9**::/<=>!+D!DI:8:G!x@,&P!/,\&)\$\$!B7#*7-.0z!/6&P)P!OS!\3)!"#6=)!'#(()*)!#4!>)-(\3!12,)&2)\$!B7#Y#\$-(! T = (#Y .) & ! a 7 - & ! 0! D | H? : : : G!9:; /<=>!+PDI:: FG!xR\$)!#4!(3)!(@"!@#P)(!4#7!'-7P,#=-\$26(-7!U,\$i!U)P62!(#&!-.#&!!'(-2i!/).-()!A(P)7!)<P6(\\$0z! ! / 6&P)P! - \$! - &! M5 > < 5 ' M! < ; -7P! 47# . ! \\$3)! 5 #7\\$3) - \$\\$)7&! R&,=)7\$, \\$2! A44,2)! #4! \\$3)! B7#=#\$\\$0! D | 8H?:::G! **9**:; /<=>!+P!DI:::HG!x[3)!M44)2%!#4!-!")3-=,#7-(!'#6&\$)(,&*!\&*)7=)&%,#&!#&!B7#.#%,&*!Mc)72,\$)!<&P! +),*3%!V#\$\$!- . #&*!/) . -()?!<47.2-&!< .)7.2-&!A(P)7!<P6(\$02!/6&P)P!OS!\&\$%,\$6%)!/#7!R70-&!>)-(\$3!'-7)!U)\$)-723?!5#7%3)-\$%)7&!R&,=)7\$,%S0!D|H?:::60! **9**:;/<=>!+B!DI::HG!xa)7,-%7,2!567\$,&*!U)\$)-723!123#(-7\$!B7#*7-.0z!/6&P)P!OS! 5 #7%3) - %) 7&! R&,=) 7\$, %S! / -26(%S!T) =)(#Y).)&%! / 6&P0!D | I?FH:G!**9**:;/<=>!+▷!!!D8WWWG!xM=-(6-%,#&!#4!'(,&,2-(!V)-7&,&*!,&!@-&-*)P!'-7)! A7*-&,N-%,#&\$0z!!/6&P)P!OS!5#7%3)-\$%)7&!R&,=)7\$,%S!U)\$)-723!-&P!123#(-7\$3,Y!! $T = (\#Y .) \& \frac{1}{6} B : ? : : : G!$ **9**:; /<=>!+D!!!D8WWIG!w<&!\&=)\$%,*-%,#&!#4!%3)!B7)2)Y%#7!-\$!B#%)&%,-(!@)&%#70w!!/6&P)P!! OS!5 #7%3)-%)7&R&=)7%S! ' #(()*)!#4!567%11 5#7\\3)-\\$\\)7&!R&,=)7\\$,\\S! '#(()*)!#4!567\\$,&*!!U)\\$)-723!<;-7P0D|H::G!

#\$%\$"" &'()*+,"-\$.\$" "7-PS?!h-206)(,&)!DI:I:G0!McY)7,)&2)\$!#4!123##(!567\$,&*!'-7,&*!4#7!5);(S!<77,=)P!\...,*7-&k!-&P! $U(46^*)$ (23,(P7)&0!!!!' # . . ,))!@) . 0)7!M%23,&?!<&&-!DI:8KG0!1%7)\$\$?!U)\$,(,)&2)?!-&P!U),&%)*7-%,#&!< . #&*!B#\$%JW_88!R1!^)%)7-&\$C!<!>#(,\$%,2! &=) ((&=) ((&=) ((&=) ((&=) ((&=) (((&=) (((&=) ((((a))) ((a)) ((a) V)?!")73-1DI:8F60!<\$\$#2,- $\frac{1}{2}$. < . #&*!R010!V-\$,&#!A(P)7!<P6(\$0!'#...,\$))!'3-,7Y)7\$#&!a - ((-&%)!])((S!DI: 8F60!! ' -7)*,=)7!U) - 2%, #&\$!, &!B6(. #&-7S!>SY)7%)&\$, #&0! ' # . . . , **))! ' 3-,7Y)7\$#&! $T = P!!T - k_{1}(!DI : 8E60! ' #*k_{1} - 2)! (Y - 7 .) \\ k_{1} - k_{2} - 2)! (Y - 7 .) \\ k_{1} - k_{2} - 2)! \\ k_{2} - 2)! \\ k_{3} - k_{1} - 2)! \\ k_{3} - 2)! \\$ '-7)0!'#...,%%))!'3-,7Y)7\$#&! $U_{-} P_{*}^{(1)} - (1)_{-} DI : 8E00! 1#2, #J) 2#(#*, 2-(!/-2)_{*} * 5! < \$ * 2, -\$) P! ; \\ \$ 3!^{,\$} - ... * T! T) 4, 2, 0 & 2SC!! ... Y(, 2-\$, # \& \$!) = 0 & 3.5 \\ 2.5 & 3.5 \\ 2.5 & 3.5 \\ 3.5 &$ 4#7!<P6(%\$!;,%3!A0)\$,%S!-&P!'37#&,2!B-,&0!'#...,%%))!'3-,7Y)7\$#&! ! $a_{((,)}) = \frac{1}{3} + \frac{$,&! ' 37#&,2!V#; ! " -2i!B-,&0! ' # . . ,\\))! ' 3-,7Y)7\$#&! <(0#6*-.,?!<0P6(73.-&!DI:8E60![3)!U)(-%,#&\$3,Y!0)%;))&!'6(%67-(!'#.Y)%)&2)!V)=)(\$!-&P!B)72)Y%,#&\$! #4!B-%,)&%J')&%)7)P!'-7)!- . #&*!/,(,Y,&#!-&P!\&P,-&!McY-%7,-%)!567\$)\$!;#7i,&*!,&!%3)!1-6P,!<7-0,-&! >)-(%32-7)!1)2%#70!'#...,%%))!@).0)7! B(-\$)!(@,23)(()!DI:8HG0!(.Y-2!!#4!<6%3)&%,2!V)-P)7\$3,Y!#&![)-.!B\$S23#(#*,2-(!1-4)%S!-\$!@)P,-%)P!OS!U(-%,#&\$3,Y!m6-(,%S0!!'#...,%))!@).0)7!1

#\$%\$""					,				
&'()*+,"-\$.\$"									
!	!	!	!	<0\$%7-2%!U)=	=,);)7!	!	!	!!!!!!!!!!!!!	!I:8I?!I:8L!
<(N3), .)7`\$!<\$\$#	2,-%,#&!	!	!	a7-&%!U)=,)	;)7‼	!	!!!!!!!!!!!!!		I:8I?!I:8L!
/7#&%,)7\$!,&!@)P,	2,&)!	!	!	MP,%#7,-(!"#-	-7P!				
1	!	!	!	B))7!U)=,);)7! !	!	!	!	I:I:JY7)\$)&%!
h#67&-(!#4!<*,&*!	-&P!>)-(%3	<u>8</u> !	!	MP,%#7,-(!"#-	-7P!!	!	!	!	I:8IJY7)\$)&%!
!	!	!	!	B))7!U)=,);)7!				
h#67&-(!#4!%3)!< .				MP,%#7,-(!"#-		!	!	!	I:8:JY7)\$)&%!
<2-P). S!#4!567\$)!B7-2%,%,#	&)7\$!!	B))7!U)=,);)7! !	!	!		
<&&-(\$!#4! a)7#&%	#(#*S!-&P!	!	!	MP,%#7,-(!"#-	-7P!!	!	!	!	I:89JY7)\$)&%!
!!!!<&P!a)7,-%7,2!U	J)\$)-723!	!	!	B))7!U)=,);)7!				
: 5 -%,#&-(!A7*-&,N	-%,#&!#4!	!	!	5 -%,#&-(![-\$	i4#72)!4#7!%	3)!!	!	!	I::LJI::9!
5 67\$)!B7-2%,%,#&)	7!/-26(%,)\$!!	!	T)=)(#Y.)&			<u>\</u>		
!	!	!	!	/#7!<26%)!'·	-/)!30/\$)!B	/-2%,%,#&	:)/\$!		
5 -%,#&-(!A7*-&,N			!		!	!	!		I::F!
5 67\$)!B7-2%,%,#&)	7!/-26(%,)\$!	<26%)!'-7)!5			!	!	I::8JY7)\$)&%!
!	!			!!!!!!1Y)2,-(!\	&n)/)\$n! a /#	01!			
A7*-&,N-%,#&!#4!<	, ,		!	5 -%,#&-(!B(-&		. ,%))!	!	!	8WWWJI::I!
567\$)!B7-2%,%,#&)'	7\$!	!	!	! @).	0)7!				
!									
@-\$\$0!567\$)\$!<\$\$	#2,-%,#&!	!	!	@).0)7?!'-(0,&)%!567\$,	&*!!	!	!	8WKFJ8WWL!
!	!	1	1	U)\$)-723!					
				!					
				!					
#@%(+\$F%)T!F	+\$(%"+!	DY-\$	%!8:!S)-	• 7\$G!					
! "#\$%#&!'#(()*)!/	-26(%S!U)=	;);	B-&)(!I	: I8JY7)\$)&%!					
! ''#\$%#&!'#(()*)!<	P!>#2! ' #	,	₩))!T-%·	-!12,)&2)!I:I	8JI : I I !				
! ''#\$%#&! ' #(()*)! '	#&&)2%,#&\$	\$!I:]	[8JI : I I						
! ''#\$%#&! ' #(()*)! ' '	#&&)((!123	8##(!	#4!567\$,	&*!]\V5!@)	&%#7!I:8WJI	:11!			
! /-26(%S!<44,(,-%)?!"#\$%#&!'#(()*)!')&%)7!#&!<*,&*!-&P!+#7i!I:I8JY7)\$)&%!									
/-26(%S!1)&-%)!<*)&P-!'#,%%))!I:8F!%#!I:8K! !									

!6"

" #\$%\$"" &'()*+,"-\$.\$" ! /-26(%S!1)&-%)!'#...,%%))!J!M&7#((.)&%!-&P!<P.,\$\$,#&\$!B#(,2S!X!I:8E!%#!I:8F! ! /-26(%S!1)&-%)![-\$i!/#72)!%#!)c-.,&)!#&J(,&)!)P62-%,#&!J!!I:8I!! "#6=)! '#(()*)!#4!>)-(\$3!12,)&2)\$!<\$#2,-\$)!T)-&!4#7!/-26(\$S!<44-,7\$!1)-723! '#...,\$%))!X!I:88J!I:8I!! /-26(%S!1)&-%)!'#...,%%))!X!<P.,&,\$%7-%#7!M=-(6-%,#&!A=)7\$,*3%!X!I::EJI::K! ! ! "D' ' #@%)T!F+\$(%"+! ! 91/,23! ' -7-52<6!4<:U</K