

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

. /-!0&(12!&3!425'(+,&6!( '76&8)-29-: !+/-!/-,9/+6-2!'&6'-16!-9(12,69!+/-!,-:!,6!,2-6+,+;! +/ -3+!(62!+/-!6--2!3&1!:- '51-!6-+8&17:!(62!<1&=<+!6&+,3, '(+,&6!8/-6!:- '51,+; !>1-( '/-: !&'51?! . &! +/ ,: !-62!+/-!0&(12!2,1- '+: !+/-!A5<-1,6+-62-6+!&3!A' /&&):! ,6!( ' '&12(6' -!8,+ /!( <<1&<1,(+>5:,6-: :! (62!+- ' /6&)&9; !<-1: &66-)@!+&!- :+(>),: /!1-95)(+,&6: !8 / , ' /B!

C2-6+,3;! (62D&1! 2-3,6-!+/-!+; <-: !&3! <1,E(+! ,63&1=(+,&6!+/(+! ,: !+&! >-!7-<+! :- '51-?! F&1! <51<&:- :! &3! +/ ,: !<&), ' ;@! G<1,E(+! ,63&1=(+,&6H! 2&-: !6&+! ,6')52-! ,63&1=(+,&6!+/(+! ' (6! ) (835));! >-! = (2-! (E(,)(>)-! +&!+/-!9-6-1(!) <5>), ' !<51:5(6+! +&! 3-2-1(!) &1! :+(+!)(8! &1! 1-95)(+,&6I!  
C6')52-!<1&' -251-: !+&!,2-6+,3;! (6; !>1-( '/-: !&3!: - '51,+; !+/(+!1-:5)! ,6!+/-!1-)- (-: !&3!<1,E(+! ,63&1=(+,&6I!(62!  
C6')52-!<1&' -251-: !+&!6&+,3; !<-1: &6:!(33- '+-2!>; !+/-!:- '51,+; !>1-( '/!( :!1-J5,1-2!>; !)(8?!

K22,+,&6());@!<51:5(6+!+&!% (>&1!% (8!LMNOP2@!+/-!2, :+1, '+!8,))!6&+!'&= =56, '(+!- =<)&; - -! G<-1: &6(!) ,2-6+,3 ,69! ,63&1=(+,&6H!+&!+/-!9-6-1(!) <5>), '?! . / ,: ! ,6')52-: !&' ,(!)!: - '51,+; !65=>-1@! /&= -!(221-: :!&1!+-)-</&6-!65=>-1@!<-1: &6(!)- '+!6, ' !- = (,)(221-: :@!C6+-16-+!,2-6+,3, '(+,&6!6(=-! &1!<(: :8&12@!<(1-6+0: !:516(=-!<1, &1!+&! = (11,(9-@! &1! 21,E-1Q:!), ' -6: -!65=>-1?! C6! (22,+,&6@!+/-! 2, :+1, '+!8,))!<1&+- '+!- =<)&; - -!&' ,(!)!: - '51,+; !65=>-1: !,6!+/(+! :5' /!65=>-1: !/ (!)!6&+B!>-!<5>), '); ! <&: +2! &1! 2, :<)( ; -2@! >-!<1,6+-2! &6! (6; !CR!>(29-@! ' (12! &1!+, = -! ' (12@! >-!<)( ' -2! ,6!3,)-: !8,+ /! 561-: +1, '+-2!( ' ' -: :@!&1!>-!5: -2!3&1!&' '5<(+,&6(!), ' -6: ,69!<51<&:- :?!4=<)&; - -: !8,+ /!( ' ' -: :!+&! :5' /! ,63&1=(+,&6: / (!)!>-!6&+,3, -2!&3!+/- -: -!<1&/ ,>+,&6:!(62!+/-, !1&>),9(+,&6: ?!

K6; !>1-( '/!&3!+/-!2, :+1, '+0: !,63&1=(+,&6!: +&1(9-!&1!'&=<5+-1,S-2!2(+(!8 / , ' /!'&=<1&=, : -: ! +/ -!:- '51,+; @! '&63,2-6+,),+; @!&1!,6+-91,+; !&3!<-1: &6(!),63&1=(+,&6!( ,6+(,6-2!>; !+/-!2, :+1, '+: / (!)!>-! <1&=<+); !1-<&1+-2!+&!+/-!A5<-1,6+-62-6+!(62!+/-!0&(12!&3!425'(+,&6?!

T1&: :P1-3B! UUMN@!R, :+1, '+!V- ' &12:!  
WWNN@!A+52-6+!V- ' &12:!  
XYON@!T&=<5+-1!V- :&51' -: !(62!R(+(!Z (6(9- = -6+!

V-3B! A(+!-! . - ' /6&)&9; !%(8!LLMNUPMNX!  
%(>&1!% (8!LMNOP2!

R-3,6,+,&6:!

G[1,E(+! ,63&1=(+,&6H! : / ( ))! =-(6!<-1:&6!) ,63&1=(+,&6! ",?-?@! ,63&1=(+,&6! :5' /!( :!6(=-@!  
65=>-1@! : ; =>&)@! =(17!&1!&+/-! ,2-6+3,-1! 8 / , ' /!' (6!>-!5: -2!+&1,2-6+3; !( !<-1:&6\$! ,6! '&=>,6(+,&6!  
8,+ /!(6; !&6-!&1! =&1-!&3!+/-!3&))& 8 ,69!2(+(!-)- =-6+:@! 8 / -6! -,+ / -1!+ / -!<-1:&6!)! ,63&1=(+,&6!&1!+ / -!  
2(+(!-)- =-6+! ,: !6&+! -6' 1; <+ -2!&1! -6' 1; <+ -2! 8 ,+ /!(6! -6' 1; <+ ,&6!7- ; !+ / (+! / ( :! ) :&!>--6!( ' J5,1-2B!

A&' , ( )! : - ' 51,+; !65=>-II!

R1,E-1Q:!) , ' -6: -!65=>-1!&1!6&6P21,E-1!,2-6+3, ' (+,&6! ' (12!65=>-III&1!

K' ' &56+!65=>-1@! ' 1-2,+!&1!2->,+! ' (12!65=>-1@! ,6! '&=>,6(+,&6! 8 ,+ /!(6; !1-J5,1-2! : - ' 51,+; !  
' &2-@! ( ' ' - : : ! ' &2-@! &1! < ( : : 8&12! 8 / , ' /! 8&5)2! <-1=,+! ( ' ' - : : ! &1! (6! ,62,E,25)0: !3,6(6' , ( )!  
( ' ' &56+?!

G01- ( ' /!&3!+ / -! : - ' 51,+; !&3!+ / -! : ; :+ =H! : / ( ))! =-(6!56(5+ / &1,S-2!( ' J5, : ,+,&6!&1!( ' J5, : ,+,&6!  
8,+ /&5+!E() ,2! (5+ / &1,S(+,&6!&3! < / ; : , ' ( )!&1! ' &=<5+-1,S-2!2(+! 8 / , ' /! ' &=<1&=: - : !+ / -! : - ' 51,+; @!  
' &63,2-6+, ( ) ,+; @! &1! ,6+-91,+; ! &3! <-1:&6!) ,63&1=(+,&6! = ( ,6+( ,6-2! > ; !+ / -! 2 , :+1 , '+? ! \ &&2! 3(+ /!  
( ' J5, : ,+,&6! &3! <-1:&6!)! ,63&1=(+,&6! > ; ! (6! &33, ' -1! &1! - = <) & ; --! &1! (9-6+! &3! + / -! 2 , :+1 , '+! 3&1! + / -!  
<51<&=: - : !&3!+ / -! 2 , :+1 , '+! , : !6&+! ( !>1- ( ' /!&3!+ / -! : - ' 51,+; !&3!+ / -! : ; :+ =@! <1&E,2-2!+ / (+!+ / -! <1,E(+!  
,63&1=(+,&6! , : !6&+!5: -2!&1! :5>]- '+!&1!56(5+ / &1,S-2!2, : ' )&51-?!

. &! : 5' ' - : : 35) ; ! , = < ) - = -6+!+ / , : !<& ) , ' ; @!+ / -!2 , :+1 , '+! : / ( ))! ,6E-6+&1 ; ! ,+ : ! / (12! ' &< ; @! ' &=<5+-1!  
<1&91( = : ! (62! -) - ' +!6, ' 13, ) - : !+&! 2-+-1 = ,6-!+ / -!+ ; <- : ! &3! <-1:&6()@! <1,E(+! ,63&1=(+,&6! + / (+! , : !  
= ( ,6+( ,6-2!&1!5: -2!> ; !+ / -!2 , :+1 , '+@! (62!1-E, -8!+ / -! : (3-95(12: ! ,6! -33- ' +!&1! : - ' 51-! (62!<1&+ - ' +!+ / (+!  
,63&1=(+,&6?!

[1&' -251-!3&1!C2-6+3; ,69!A- '51,+; !01-( ' / - : !

C6!2-+-1 = ,6,69! 8 / -+ / -! ,63&1=(+,&6! / ( : !>--6!( ' J5,1-2@!&1! , : !1- ( : &6(>) ; !>- ) , -E-2!+&! / (E-!  
>--6!( ' J5,1-2@!> ; !(6!56(5+ / &1,S-2!<-1:&6!&1!( !<-1:&6! 8 ,+ / &5+!E() ,2!(5+ / &1,S(+,&6!+ / -!2 , :+1 , '+! : / ( ))!  
' &6: ,2-1B!

U?! ,62, ' (+,&6: !+ / (+!+ / -! ,63&1=(+,&6! , : !,6!+ / -!< / ; : , ' ( )!<&=: - : : ,&6!(62! ' &6+1&!)&3!(6!56(5+ / &1,S-2!  
<-1:&6@! :5' /!( : !1- =&E()!&3! / (12! ' &< , - : @!)& :+!&1! :+&) -6! ' &=<5+-1@!&1!&+ / -!2-E, ' -! ' &6+( ,6,69!  
,63&1=(+,&6I!

M?! ,62, ' (+,&6: !+ / (+!+ / -! ,63&1=(+,&6! / ( : !>--6!2& 8 6)&(2-2@!1- =&E-2!&1! ' &< , -2I!

O?! ,62, ' (+,&6: !+ / (+!+ / -! ,63&1=(+,&6! 8 ( : !5: -2!> ; !(6!56(5+ / &1,S-2!<-1:&6@! :5' /!( : !31(525)-6+!  
( ' ' &56+:@!&<-6-2!&1! ,6: +(6' - : !&3! ,2-6+ ,+ ; !+ / -3+1! -<&1+ -2I!(62D&1!

^?! (6; ! &+ / -! 3( ' +&1: ! 8 / , ' /! + / -! 2 , :+1 , '+! : / ( ))! 2-- =! ( <<1&<1, (+-! (62! 1-) -E(6+! +&! :5' /!  
2-+-1 = ,6(+,&6?!

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\* &+,3,'(+,&6!&3!A+(+-(62!`+/-1!K9-6',-:!

`6' -!6&+, ' -!/( :!>--6! = (2-!+&!(33- '+-2! \* - 8! a &17!A+(+!1-:,2-6+:@!+/-!2,:+1,'+!: / ( ))!6&+,3;! +/-!A+(+!K++&16-; ! \ -6-1()@!+/-!R-<(1+= -6+!&3!A+(+!R,E,,:&6!&3!T&6:5 = -1! [1&+- '+,&6@!(62!+/-! A+(+!`33,' -!&3!C63&1 = (+,&6! . - '/6&)&9;!A-1E,' -:!( :!+&!+/-!+, =,69@!'&6+-6+@!(62!2,:+1,>5+,&6!&3!+/-! 6&+, ' -:!(62!( <<1&b, = (+-!65=>-1!&3!(33- '+-2!<-1:&6:?!!

C3! = &1-!+ / (6!W@NNN! \* - 8! a &17!A+(+!1-:,2-6+:!(1-!+&!>-!6&+,3,-2!(+!&6-!+, = -@!+/-!2,:+1,'+!: / ( ))! (:&!6&+,3;! '&6:5 = -1!1-<&1+,69!(9-6', -:!( :!+&!+/-!+, =,69@!'&6+-6+!(62!2,:+1,>5+,&6!&3!+/-!6&+, ' -:!(62!+/-!( <<1&b, = (+-!65=>-1!&3!(33- '+-2!,62,E,25()?! K!), :+!&3!'&6:5 = -1!1-<&1+,69!(9-6', -: ! 8,))! >-!3516,:/-2@!5<&6!1-J5-:;+@!>;!+/-!`33,' -!&3!+/-!A+(+!K++&16-; ! \ -6-1()?!