

!

!"#\$%&'()\*+,-./:0123456789- \$1.-,67#''2#5\$,%

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!"#\$%&'()\*+,-./:0123456789- \$1.-,67#''2#5\$,%

!

"#! !"#\$\$%'( ) \*%\$"+,-./:0123456789- \$1.-,67#''2#5\$,%

(a) ? ?). ( . ., ?  
I ? F ? A

(b) , .

!

(c) , .

(d) - .

(e)

!

!

K/7!+9' 8 \*!+I!(&+!?!> LM" "N"! )H!(' C-!)( '(+#"

G)! ' !> /7+!, / :7)+!3+)-52+3!(/! :! .-!1! ' != / , - ' !!= , +2 , +!> /7+!7+< :-7+8+2(!!(&-)! , / :7)+!4-!10!

"F!P2(7/3: , +!+ , /2/ 8- , )! ' )! ' !4 ' H! / .!( &-20-25! ' 23! ' \* \*7 / ' , &-25! \*7/ C!+8 )F!

AF!Q : -3+!)( :3+2()!( /!( &-20! ' 2 ' !H(- , ' !!HF!

RF!Q : -3+!)( :3+2()!( /!( ' 2 ' !HS+! , :77+2(!- ) : + )!( &7 / : 5&!' 2!+ , /2/ 8- , !\*+7) \*+ , (- ; +F!

TF!67+ \* ' 7+!)( :3+2()! /7! : ( :7+! , / :7)+)!-2!+ , /2/ 8- , )F!

= \* + , - , - , ' !!HI!)( :3+2()!4-!1!C+! ' C!+!( /0!

UF!

!

U#! 6 7"/%07"+-\$1%7"#%2\$+\$%) "3\$%"1%"(\$1.\*/%'&%.1,+-%/7\$3"/"A\$#,3\$+0\$5%\$\' ;+!(&+7+!  
C++2!' 2H!7+,+2(!,&' 25+)!(/!H/ :7!, :77-, :1: 8@!%&H!4+7+!(&+H! 8 ' 3+@#!

>/7+!Y+2+4 '1!>' )+ )F!P2!. '1!/.!ANAR!(&+!E+\* '7(8+2(!/..+7+3!!. /7!(&+!) +, /23!(-8+!(&7++!  
>/7+!Y+2+4 '1!,1' )+ )0! , >' 2!?'7C-!], □ IID7',H!  
Y+5' 2!!' 23! & A Q+/.!=' 2S+2C',&+7F!

%+!'7+!4+!1!-2(!/!/:7!)(7+' 8!-2+3!+, /2!\*7-2,-\*1+)!. /78 '(!' 23!-(!-)!4 /70-25!4+!1F!E :7-25!(&+!  
8"^[AN!' , ' 3+8-, !H+ '7!(!&+!E+\* '7(8+2(!7+\*1', +3!-(!)(4/[ ]+8+)(+7!) +< :+2, +!` -,7/!  
' , /2/ 8-, !67-2, -\*1+)!\$?>LM" "R"#!' 23!` ` ,7/+, /2/ 8-, !67-2, -\*1+)!\$?>LM" "RA#!4-(&'!  
./ :7[,7+3-(!1/2+[ ]+8+)(+7!, / :7)+!\$?>LM" "N"#!67-2, -\*1+)!/!.!?, /2/ 8-, )#F!D&+)+!, &' 25+)!  
4+7+!8 ' 3+!(/!C+((+7!7+ ) \* /23!(/!(&+!' 75+!2: 8C+7!/.!-2, / 8-25!a>!)(: 3+2!)(&'(!&' ;+!  
( '0+2!?, /2/ 8-, )bG6!+9' 8 )!-2!&-5&! )& /!\$' 23!2/(!')!'!7+):!(/!.!(&+!+; '1: '(-/2!3'('!  
, /11+, (+3!CH!(&+!E+\* '7(8+2(#! > /23+2)-25!(&+!67-2, -\*1+)!, / :7)+!-2(!/!2+!)+8+)(+7!  
+2' C!+)!(&+! 8 'J/7)! ' 23!8-2/7)! ' 2!/\* \*/7(: 2-(H!(/!( '0+! 8 /7+!+1+, (-;+)! )/!(&+H!&' ;+!  
C7/ ' 3+7!' 23!3++\*+7!+3: , '(-/2!(&' (!C+((+7!)&/4, ' )+ )!(&+!3-), -\*1-2+!F! D&+!+1+, (-;+)' 7+!'!  
8-9!/.!(&+7+(-, '1!' 23!' \* \*1-+3!+, /2/ 8-, )F!

=(: 3+2(!+ ' 3+7)&-\*!-2!(&+!+, /2/ 8-, )!3+\* '7(8+2(!7+5:1' 7H!&/)(-25!;-7(: '1!' 23!-2!\*+7)/2!  
37/\*[-2!' 3;-)-25F!` 'J/7)!4&/'!7+!'1) /!-2!(&+!?, /2/ 8-, )!\ /2/7!=/, +(H!L 8-, /7!2!E+(!'  
?\* )-1/2!cLE?d!' 23!(&+!a/ )(/2!> /11+5+!?, /2/ 8-, )!G) / , -'(-/2!ca>?Gd!' 2) 4+7!  
<:+)(-/2)!/!.!1!)(: 3+2()!+; +2!-.7)(!H+ ' 7e)F!

V#! B"/\$%' &/7\$%) ' 1%(\$0\$+/%4(' -(" )%(\$#,\$@:%\$ f / :7!' (+)!(, / 8 \*7+&+2)-;+!3+\* '7(8+2('!  
)+1.[])(: 3H!' 23!+9(+72 '1!7+; +4F#!

D&+!' )!(+9(+72 '1!7+; +4!/.!(&+!E+\* '7(8+2(!/!.!?, /2/ 8-, )!(/ /0!\*1', +!-2

D&+!\ /2/7)!D&+)-!

D&+!=+2-/7!\ /2/7)!D&+)-!&' )!C++2!(&/7/ :5&H!7+)(7: ,(:7+3!4-(&!` - ,&' +!Q7:CC!)&' 7-25!(&+!  
&/2/7)!\*7/57' 8!3-7+,(/7!7/!+!4-(&!a/C!` :7\* &HF!D&+!. '!! , / :7)+!&' )!C++2!+2&' 2 ,+3!(/!-2,1:3+!  
'!2: 8C+7!/!.!\*7+)+2('(-/2)!/2!7+)+ '7 ,&!8+(&/3)F!

D&+!&/2/7)!(&+)-)!+< :+2 ,+! ?> LMTT^W[TT^X!&' )!C++2!7+./78 ' ((+3!(/!)-8 :! '(+!  
\*'7(-,\*'(-/2!/!.!/:7!C+)(!)(:3+2()!-2,1:3-25!' 33-(-/2 '!!8++(-25)!-2!(&+!. '!!' 23!'!!/4-25!TT^X!  
(/!, / :2!(/4 '73!(&+!8 'J/7F!

!

D&+!..7)(!, / 8 \*!+(+H!7+2+4+3!=+2-/7!\ /2/7)!(&+)-)!3+C: (+3!-2!ANAA[ARI!4-(&!` - ,&' +!Q7:CC!  
' )!3-7+,(/7F!D&+!. /78 ' (!&' )!C++2! , / 8 \*!+(+H!7+;-)+3!' 23!(-)!-S+!&' )!3/ :C!+3F!D&+!  
, :77- , :1: 8!4 ' )!..:23' 8+2('!!H!7+;-)+3!)/!(&' (!7+)+ '7 ,&!8+(&/3)!4+7+!( ' :5&(l-2!,1' ))F!L :()-3+!  
) \*+ '0+7)!7/ 8!(&+!l-C7' 7H!7+)+ '7 ,&!)+7;- ,+ )!! ' 23!(&+!P2)(-:(-/2 '!Y+;-+4!a / '73!4+7+!C7/ :5&(!  
-2!(/!3- , :))!; '7-/:)!' ) \*+ , ( )!/.!7+)+ '7 ,&! ' 23!3 ' ('F!D&+!-3+ ' !4 ' )!2/(!J:)(! 'C/ :(!8+(&/3/!5H!  
C: (!2+(4/70-250!(/!, /22+ , (!)(:3+2()!(/!(&+)+!7+ ) / :7 ,+ )!-2!' !\*+7)/2' !!4 ' H!)/!(&+H!4 / :!3!.++!  
, / 8./7('C!+!5/-25!(/!(&/)+!/.- ,+ )!./7!8 /7+!&+!\*!!' (+7F!L75' 2-S' (-/2!/!.(&+!,1' ))!4 ' )! ,&' 25+3!  
) /!' )!(/!-2,7+ ' )+!)(:3+2!( '0+ : \*F!D&+!3+ \* '7(8+2(!4+C)-(+!4 ' )!7+;-)+3!(/!C+((+7! '3; +7(-)+!(&+!  
(&+)-)! , / :7)+F!D&+! , / :7)+!4 ' )!3+)-52 ' (+3!' 2!+ , /2/ 8- , )!+!+ , (-; +!4&- ,&!-2,7+ ' )+3!( '0+ : \*F!  
D&+)-)!5: -3+!-2+)! ' 23! \* \*!- , '(-/2!\*7/ , +3:7+)!4+7+!' 1)/!(&/7/ :5&H!7+; ' 8 \*+3F!D&+)+!+../7(!  
) : , , ++3+3!+ ' 3-25!(/!' !3/ :C!-25!/!.(&+!,1' ))!)-S+F!==( :3+2(!.++3C ' ,0!&' )!C++2!  
/ ;+74&+!8-25!H!\*/ )-(;-;+! ]8 ' 2H!&' ;+!7+8 '70+3!(&' (!-!4 ' )!(&+!&-5&!-5&(!/!.!(&+7!a>!+3: , ' (-/2F!

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