

zoe arnold

elnaz bidar

megan frecceri

tara misita

jessie rubino

elisa schuler

kiera spears

taylor tachibana

esther

Acknowledgements

We are pleased to present the Best Essays Anthology 2021-2022. It is through such an anthology that we are able to honor our finest writers. These pages are the work of students enrolled in the West Valley College's English department's English, Literature, and Composition courses. The focus of these courses is mastering several varieties of essays. The WVC privileges and supports good writing; that is why this collection of student essays is so vital. Taken together, they illustrate that students work diligently to understand, master, and hone the skills that enable them to write perceptively and creatively. The panel of judges comprised two English faculty who read and rated the works anonymously.

On the Cover: from *Prachin* by Emil Schachtzabel





BEST
ESSAYS

2021-2022

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The Abyss of Life

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P5"8-#\$)8-#%J\$C&-\$+##)%"#"\$3\$%&'(\$%"#6\$0"-(+?%\$*-%\$)\$&)556\$-+0'+*9\$S/%\$&'(\$%#)*-06\$,-\$%"\$5/#(/-\$%&-\$4" ,58-<'%'(-\$)+0\$'0-)8(\$%&)%\$=\$3'+0\$' ,5"#%)+%. \$1&)%\$=\$4)#-0\$);"/%9\$P'+4-\$%=? @-\$(%)#%-0\$%"\$(&-0\$,6\$5-"58-\$58-)'+'\$%+0-+4'-(\$)+0\$)88"1-0\$,6(-83\$%"\$8-)+\$+'%"\$,6\$1\$+0-#3/886\$1-'#0\$5-#("+)8%'69\$=%?(\$)\$1"#2\$'+\$5#"*#-(.(\$;/%\$("\$),=\$9\$

<#!2.#1+*#+!%#!X*;'81!3%0!%1!-%1!0*9%3;,-%1!>%0!W%1*!#&!+>.!2-%3&('#4!C-%3!-'!1'9
+.!6!)'#7%#3!2.#+'#+!%#!-%1!-.9!3%0',!-%1!/(';%.71!L.6!22*1%.#*33!+-('*+'#&!%+4!?!1!*2376!
6.7#2'(!X*;'!>.73&!>.\$!-.((%63!-.7(1,!1'3&.9!1"!-%1!>%0',!*#&!#2.7#+('!*0*%(1!-'(!.0!
&*#)'(4!e3+%9*+'3!-'!&'2%&'&!+!.!3*;',!('%+'(*+%#)!+*+!'!3>*:1!\$#>!+-%1!L.6!>.73&!6!
+'9/.(!*#&!>*1!+%9'!+!.9;'.!#4!D.>';(!,9;.%#)!.#!+!.>*+,!1+%33!'37&'&!-%94!D!'('2.7#+1!
1.9'+-%#)!0!*!) *9!+*+!W%1*!3%\$!1!+!.!3*!>%+!-%9T!

Q-!'*1\$!1'9!1.9'+%9'1!>*+!"8&!&.!%0!"!-*&!+!'2-.%2',!*#&!"!3>*:1!+'33!-'(!"8&!6!"K%)(!
C..&1444!?'#&!1-'!1*:1,!#.,!1'(% .713;.!*#&!"!1*:.!"!9!6'%#)!1'(% .71,!*#&!1-'!1*:1,!#.,!
:.78;!) .+!+!.!6!'(*3%1+%24!Q.!"!1*:.!>'33!>*+81!+-'!/.%#+!.0!+-%1!) *9',!+-'#F!b.78(!
1\$%#)!9!>+!"8&!&.!%0!"!-*&!+!'2-.%2',!*#&!"!+'33!:.7,!*#&!+-'#!:.7!+'33!9!"!-*;'#8+!
) .+!+-'!072\$%#)!2-.%2'4!Q.!>*+!*9!"!17//.1!&!+!.!1*:F!444!E-.!1!1.9'+-%#)!31'4!?'#&!"!
1*:.!<@,!+-'#!"833!6!'072\$%#)!f%2-*(&!S(*#1.#4!?'#&!1-'!1*:1,!>'33!:.7!2*#8+!L71+!1+*(+!6!
6'%#)!f%2-*(&!S(*#1.#4!b.7!-*;'!+!.!&!.1.9'+-%#)!0%(1+4!?'#&!"!1*:.!<@,!"833!6!'!6.7#2'(!
0%(1+4!?'#&!1-!)% ;'1!7/4!OD.(#6!:c[P!

=;'#!%#!-%1!>#%9*)%#*+%.#,!X*;'!2*##.+!1!"!#%+-%#)!(*3%1+%2*33!*2-%',*63!0.(!-%91'304!D!
0%)#1!>%+!*#&!1#*(\$!+!.!H7%!/!>%+!-!W%1*,!67+!+-'!(*3%+!:%1!-'!&.'1#8+!1!"!9*#;!).*31!+!.!22.9/3%1-
&.>#!+-'!(*&4! D.(#6!:>(%+'1,!BQ-'!>*#+1!9'!+!.!1*:.!,-!"8&!3%\$!'+!.!(7#!*X"b!1-./,!(!"8&!3%\$!
+.!6!'#!*22.7#+*#+,!*#&!+-'#!+!&*:'!1-'8&!2.9!6*2\$!>%+!-*3.*&!0!3*03'+1,!67+!"!&.#8+!>*#+!+!

2%(2791+*#2'1,!1.2%'+!&+'(9%# '1!-'!&.'1#8+!-'*;!'9*#:#!//.(+7#%+% '1!%#!+-!0%(1+!/3*2'4!D!
#;'(!&('9+!.0!972-!0.(!-%91'30!6':.#&!>-*+!-'!+-7)-+!>*1!(*3%1+%2!6*1'&!.#!-%1!3#1!+-(.7)-!
.+-'(!'./3',!+-*+!%1!7#+%3!-'!1+*(+1!)7*(&%#)!*#!%#+(%)7%#)!/.(+(*%+!*+!+-!971'794!

"+!%1!*+!-%1!#>!9/3.:9'#+!>-'(!X*;'81!7#&'(1+*#&%#)1!*#&!6%*1'1!*(!2-*33'#)&!*1!-'!
1+*(+1!)7*(&%#)!*2'(+*%#!2.#+(!;'(1%*3!/%2'!.0!*(+4!X*;'!%1!*11%)#&!+!)7*(&!+!'+%+7*3*(!
5%//3'A'1714!D%1!%#%+%*3!(*2+%.#!%1!#.#!#!.0!*#!*1+-'+'!%#!0*2+!%+81!/(.6*63:!'!2+3:!.>!.:78
'!2+!-%9!+!(*2+T!

"+81!\$%#&!0!3%\$!+-!/%2+7('!1!:78;'!1'#!6'0.(!h!'!1!23.1'&,!+-!.3&!2(>#!.0!+-.(#1!.#!
-%1!-'&444!"+81!1.(+!.0!*!23.1'N7,!-'&!*#&!1-.73&'(1,!1!:.7!:#3:!'!1!*!6%+!.0!+-!2(.11,!
67+!>-*+!+-%1!/%2+7('!-*1!+-*+!+-!#.(9*3!.#!1!&.#8+!444!:.7!2*#!(*33:!'33!L71+!->!972-!%+!
971+!-'*;!'072\$%#)!-7(+,!6'%#)!#*%3&!7/444!Q.!+-!0%(1+!+-%#)!!"!+-7)-+!>*1,!63..&:!'33,!
+-*+81!*!)..&!/%2+7('4!S'2*71!'!%+!9*\$'1!:.7!+-%#\$444!?!#&!+-!1'2.#&!+-%#)!!"!+-7)-+!>*1,!
>-.!+-!072\$!>.73&!)!+.00'#&&!6:!+-*+F!S'2*71!:.7!2*#!).!%#+!*#!:2-7(2-!#&!1!"!
+-!1*9!1.(+!.0!+-%#)i4!?!#&!*1!").+!23.1'(!!"!2.73&!1!"!+-*+!+-!/%2+7('!>*1!9*&!7!/!.0!
-7#&'(&1!h!+-71*#&!1,9*:6!9%33%.#1!h!.0!3%++3!1H7*(!1444!>-'#!").+!(*33:!'23.1'!'!2.73&!
1!"!+-*+!+-!1!9%33%.#1!.0!3%++3!1H7*(!1!>'(!2+7*33:!'3%++3!/%2+7('1,!*#&!;'(:!1%#)3!3%+!
/%2+7('!-*&!+!3*1+!.#!0'9*3!6(*1+!%#!%+4!Q.!!i:.7!\$#.>+-.1!/%2+7('1!+-*+!(*!9*&!
7!/!.0!&.+1F!C'33,!+-*+81!->!+-%1!A'171!/%2+7('!>*1!&.#,'!2'/+!33!+-!&.+1!*(!
#%//3'1444K>.!9%#7+!1*)!"8&!3%\$&!%+!#.#>!"!-*+&!%+4!?!#&!!"!-*+&!+-!63.\$!>-.8&!&.#!
%+,!+..4!C*#\$'(4!"!>#+!+!-*,!*!3..\$!*+!+-!#*9'.0!+-!*(+%1+,*#&!%+!+7(#&!7+!+!.6!*!
>.9*#4!R*(+-*!R*(1-*9444!?!#&!!"!-/&!+-*+!1.9'.#!&%&!9*#*)!+!.072\$!+-!/%2+7('!7!
1.9'-.>,444!"!>.73+!+(!:+.1+!/+-'94!OD.(#6:!ckNc]P!

X*;!)'#7%#3:!'1'9'&!+.#L.:!+-!/*%#+%#)!6'0.('!3*(#%#)!+-!9*\$7/!.0!+-!/%'2,!-%1!
2.#+9/+!.#3:!'&';3./!1*0+'(!(*3%U%#)!>-*+!+-!%9*)!'%1!9*&!.04!"#9.&(#!C'1+'(#!273+7(!,
0'9*3\?'?S!#7&%+:%!1#.#3:!'6.,!67+!'!+'9'3:!'0.(>#&!7/.#4!?'#&!>-%3!'>'!+*3\$!*6.7+!
%#;%1%63!'(73'1!.0!1.2%'+:;,+-'!/'(2711%.#1!.0!+-%1!+:/!.0!#7&%+:%!#!763%2!*(!)(%';.714!K-'(!
*('!*9:(%*&!.0!2.7#+(%'1!*#&!273+7('1*(.7#&!+-!>.(3&!+-*+!>.73+!0%#&!+-%1!%9*)!*1!
.00'#1%;!*1!.7(!S(%+%1-!#*((+.(!&.'.1,!6'2*71'0'9*3!#7&%+:%!1!1'#!*1!*!+-%#)!0!#*+7(!*#&!
6*7+:4!"+!%1!>%+!+-%1!2.##.+*+%.#!+-*+!X*;'!&'2%&'1!+!2.#&'9#!+-%1!/.(+(*%+!*#&!+7(#!63%#&!':
+./!.11%63!'!/'(+.(14!"0!X*;'!-*/!#&!+!.6!'#*+%;'!=-%./%*#;,-%1!&%19*:'>.73&!9.1+!3%\$'3:!
6!#.#!%1+#+4!C-%2-!/(.:'1!+-*+!+-!(*9%0%2*+%.#1!.0!C'1+'(#!273+7(!,>-%3!'176L'2+%;'!,-.3&!
;%2'4!?'0+'(!-%1!%#%+%*3!1-.2\$,!-!-*30N-'(+&3:!'6')%#1!+!&.-!-%1!L.64!?'!0>'!/*+(.#!!>*3\$!+-(.7)-,
-%1!/.1%+%.#!#!+-!/*%#+%#)!7#2-*#)%#)4!D.>';(!+-*+!>.73&!1..#!1-%0+!*0+'(!9'+%#)!BR*(;!
9.--'(!.0!5%//3'A'171GM!-'(1'30,+-'!*(+%1+T!R*(+*!R*(1-*94!X*;'!/'!2+1!-'!+!.6!'!+:/%2*3!
'22'#+(%2,!*+1!+:/!>%+!-%!(2%#)1!*#&!&:'&!*-%(4!C-*+!-'>*1#.#!/'!2+%#)!>*1!+-!/'!3*1*#+,
/.3%+!'>.9*#!>-.!2*9!+!.+-'!'-!-%6%+!>%+!-'/*(#+1!%#!+.>4!"#!+-!1*9!>*!X*;'!/'!2+1!+-(1!
+!*2+!*(.7#&!-%9!6*1'&!#!/*/*(#2,'!-'!/'(1!+!*2+!#!+-!%&'!0!R*(+*!-'!-*&!)*+-'!&!
%#!-%1!-*&! D%1!6%*1'1!%#!+-%1!9.9#+'(!2-*33#)'&!,67+!%#1+*#&!.0!/'(11%#)!2.#071%.#!(!
(*),'!-!1%9/3:!'>*+2-1!+-!0*9%3:!'*#&!%#+'(*2+1!>%+!+-!9T!

gX!:.7!9%#&F8!g5.,8!"!1*%&4!g"89!R*(+*;!6:!'>*:48!gX*;'48!gD'33.,!X*;'48!C'1!-..\$!
-*#&1,!*#&!+-!#!1-!)*;'!9!-'(!2*9'(*,!*#&!"+..\$*!/%2+7(!.0!+-!9!*33,!1+*#&%#)!+-'(!
)(%##%#)!*#&!.%#+%#),!*#&!"!&%+!\$#.>!>+-'(!%+!>*1!(%)--,!>-*+!>%+!+-!\$%#&!0!
/%2+7(!%+!>*14!S7+!*+!+-*+!/'(2%1'!9.9#+,!'!>%1-'&!+-*+!'!\$#>+-'9!6'++'(!.(!'/.3!
3%\$!+-'9,!6'2*71!+-!:'1"9'&!#%2',!*#&!-*/:,*#&!%#+'(1+%#)444S'0.('!+-!:'!>#+,!
R*(+*!2*9!.;!(+!.!9 .2/:-P <t-'!0*9%3D+-'!%&'1!\$*#&!%#%&4!,!gK#&\$!7!7!C'?!'!&%#+,!

.:7!\$#.>,!g<-!,+~*+81!<@48!S7+!>*1!(^33:!/3*1'&!+~*+!1-'8&!&.#!%+4!"!+!9* &!9!0'3!

1/2%*3,!3%\$'!"!~* &!*/(./(!,%9/.(+*#+!L.6!+!&.4!OD.(#6:!cZP!

"!+%1!*0+'(!+~*1!%#+>(*2+%.#!+~*+!X*;!0%#&1!-%9!30!7#!'2+'&3:!*\$%#)!*3%\$%#)!+!.5%//3'A'17!

9*!6!1.3'3:!.#!+~*!0*2+!+~*+!R*(+~*!>*1!&%00'(#+!+~*#!-'!%9*)%#&4!S7+!%+!*31.!9*!6!+~*!

176;'(1%.#!.0!-%1!>#!'!2+*+%.#!+~*+!R*(+~*!>.73&!0%#&!-%9!%#1%)#%0%2*#+,!(!+!+~*!;'(:!3*1+!

/*:#!*!+~*+#+%.#!+!+~*!12*(!N3..\$%#)!6*3&!9*#!)7*(&%#)!-'!(*+4!"#1+'&!,R*(+~*!\$%11'1!-%1!2-'\$!

#&!+(+1!-%9!>%+~*!(!1/2+!*#&!+~*+#!'11!+~*+!3*;'1!*13*'),!/.1%+%;!%9/(!11%.#!.#!-%94!K-~*+!

/'(-*/1!%#!+7(#,!-'!1-.73&!)7*(&!5%//3'A'171!>%+~*+~*+!(!1/2+!R*(+~*!)*;!'-%9,!*#&!*39.1+!

9*)%2*33:~*!%1!&%1)71+!%1!176;(+&!+!.1.9'+~*+#!)('1'963%#)!/(%&!+!)7*(&!+!%#12!%#%#)

%#%+%*3!1-.2\$!*#&!00#1!&%1*//*(1,!.#2!-'!~*+~*+!'!/'(%#2!.0!9"+%#)!R*(+~*!-%9!30,!-'!

>*1!*63!+!.1-'&!-%1!(!1'(;*+%.#1!*#&!1+*(+!%#+!/(+~*+#!)+~*+!1!/%'2!%#!*(#1+4!

<#2!-%1!&%1%3371%.#&!%#+(/(+~*+%.#!.0!+~*+!/%#%#)!&%1*//*(1,!'!0%#&1!7#/(!2'&#+&!

2.9/3!%+!~*#&!-%3.1./-;!,#.#3:!.0!+~*+!/%#%#)!67+!-%9!304! (.9!>~*+!>!)~*+~*+!(!.0!+~*+!

%#0.(9*+%.#!>!(!2%;&!*(3%('!X*;!%1!#.#+!9*#!.0!1'30!*117(*#2'4!D!&.'1!#.#+!+\$!1+~*+!2!1!#!

+./%21,!'!#;!%0!-'!~*1!*1.9!>~*+!1+(!#)('!/%#%.#4!D.>';(!+~*+!1!H7*3%+!2~*+#!)1!*0+'(!-%1!(7#!%#!

>%+~*+!R*(+~*+!4!?0+'(!'!/'(%#2%#)!*(';%1%.#!.0!-%1!>#!%#23%#*+%.#1,!'!1"1!+~*+!%9/.(+~*+!2!.0!

)%;%#)!/'!3!+~*+!6'#0%+!.0!+~*+!&.76+!~*#&!6%#)!/'!#9%#&&4!Q.!972-!1.!.+~*+!%+!2*71'1!+~*+!1%.#!

6'+>~*+!#!-%9!*#&!W%1!*1!+~*+!&%12711!+~*+!/%#%#)T!

"!+.3&!W%1!*1*6.7+!+~*+!/%2+7('!>~*+!#!").+!-.9!+~*+!%#)-+,*0+'(!+~*+!/*(+:4!Q-!2.73+!

6'3%;!%+!h!1-!1*%&!%+!>*1!&%1)71+%#),!*#&!->!2.9!%+!>*1!#!+~*+!>*33!%#!*!0*9.71!

)*33'(:4!`.(!1.9!(*1.#!"!0.7#&!9:1'30!1.(+!.0!&'0#&%#)!%+!,+~*+!\$%#)!R*(+~*+!81!1%&!i!"!+!

>*1!L71+!/3*%#!%)#.(#~*+!4!gb.7!1-.73&!+~*+!\$!%+!.7+1%&!>~*+!#!#!.#'81!3..\$%#)!*#&!19*1-!%+!

+!.6%+1,8!1-!1*%&4!g?0+'(!*33!+~*+!>.(\$!1-'81!/7+!%#F8!"!1*%&4!gK-~*+!81!).+!#.#+~*+!%#)!+!.&.!>9

%+,8!1-!1*%&4!g"!9'*#,!D%+3'(!/7+!%#!*!3.+!0!>.\$,!&%+!'F8!gC-*+!-*(9!%1!1-!&.%#)!

"0!"8&!L71+!(/*&!*6.7+!5%//3'A'171!%#!+-!/*/'(!!(1"#!%+!#!+-!#>1,!8&!-*;!+-7)-+!%+!
>*!>(.#),!#!.H7'1+%.#4!Q%2\$4!Q+7/%&4!C*1+!0!+*!/*:'(18!9.#':444!#&!+-!#!"8&!#';(!
-*;!+-7)-+!*6.7+!%+!*)%#,#/(.6*63:4!S7+!%+81!9.(!2.9/3%2*+'&!>-#!..7!*2+7*33:1!+*#&!
6:!*%+!*33!&*4!#&!#.>!1!+!%33!&.#8+!\$#.>!>-*+!"+-!%#\$!.0!%+,!(*33:;!67+!>-*+81!1.!)('*+!
*6.7+!i!*33!+-!+-'(!'./3!>-!2*9!+!.-*;!*!3..\$!+-*+!0%(1+!9.(#%#)!%1!+-*+!+-!9*\$!
7/!..7(!9%#&!0.(!..7!*6.7+!>-1!1%&!..78(!.#4!"89!#.#!+-!%1,+!+-*+81!0.(!17('!*#&!
+-!3.#)('!-*,!+!.1!/#&!>%+!+-!1!>*\$\$(1!+-!9.('!-*,!+-!94!"+81!1.1!%9/3,!(*33:4!
K-!#%2'!.#1!3%\$!+!-!/%2+7('!*#&!+-!!)!+!%+,*#&!+-!-*,!*!3..\$!*+!->!%+81!&.#!67+!
+-*+81!#.#!+!>-!+-!8(!1+*(%#)!i!b.7!&.#8+!#"&!+!>.(\$.7+!>-*+!..7!+-!%#\$!b.7!L71+!
#"&!+!-*,!*!3..\$!*+!>-*+!+-'(!'./3!+-!%#\$!OD.(#6:!!_YP!

X*;!-*1!0.7#&!1.9'+-%#)!+!1+*#&!0.(,+!./(.+'2+T!+-!%1!>.(!0!*(+4!D%1!2.##'2+%.#!+!%+!71-'(1!%#!
#.+-'(!#>!>;!0!+-!%#\$%#)!>-#!*!3.2*3!#>1!1+*+%.#!*#&!/.3%+%2%*#!2.9!+!2(%+%2%U!+-!
/.(+(*%+4!?1!+-!%!%#+'(%>!+-!/.3%+%2%*#!R*(+-*!%1!%#;%+&!+!.L.%#!+-!+3'2*1+!*#&!1-('!-(!
&'6*+',!'+!1-!&.'1#8+!&'6*+!972-!>-!%2-!3*;'1!X*;!2.#071!&!#&!*39.1+!9/+4!BR*:'6!

K-#!+-!2(*2\$1!1+*(+!+.!0.(9!*#&!%+!*33!2.9'1!2(*1-%#)!&.>#4!K-!.3&!9*#!(+7(#1!+.!+-!
'l-%6%+,!-.3&%#)!*#!)),!0.(!+-!1.3!'/7(/.1!.0!;#&*3%194!K-%1!1'+1!X*;!03*9!>%+!

&'+'(9%#*+%.#T!

"!1*>!%+!2.9%#)!*!9%3!.00,!*#&!")(*66'&!-%1!*(9!L71+!*1!-!>*1!(*%1%#)!%+,!*#&!+-!))!

+(*;'33'&!*6.7+!+>.!0"+!*#&!3*#&'&!1/3*+!.#!+-!03..(4!"+!>*1!1.!/*+!+%2!%+!9*&'!9!

3*7)-444!"!>*1!1+%33!*#)(!:+-.7)-,1.!!"&%+!3+!).!0!-%9!*0+!(!-8&!+-(>#!%+!h!"!/%##&!&

-%1!*(9!6'-%#&!-%1!6*2\$!>%+!-9.(!;%.'3#2!+-*#!"#!&'&,*#&!-!1+*(+&!:'33%#)4!"!

9*(2-'&!-%9!.7+,*#&!&.>#!+-!2.((%&.(!+>*(&1!+-!0(.#+'#+(*#2'4!"!-+'&!+-!072\$'(!1.!

972-!+-*+!"!).+!2*((%&!*>:*!6%+!h!"!>*1!+>%1+%#)!-%1!*(9!*#&!2*33%#)!-%9!*33!+-!#*9'1!

7#&'(!+-!17#i!OD.(#6:!]P!

?!19*33!+(%79/-!%1!2'36(*+'&!0.(!1+./%#)!+-%1!3.71:!.3&!9*#!0(.9!+.11%#)!*#!))!*+!+-!/*%#+%#),!

7#+%3!%+!2.9'1!+!*!-3+4!?'3*(91!*('!63*(%#),!*#&!*1!X*;!9*\$'1!-%1!>:*!6*2\$!+!+-!l-%6%+!-!

1"1!%+,!-%1!6'3.;&!/(+(*%+!.#!+-!)(.7#&,!0*2!\$%2\$&!%#4!K-!'&,*1+*+%.#!%1!%99&%*+',!+-%1!

1%)--!%1!63*1/-9.714!5.+!.#3:!0.(!+-!\$%2\$&!%#!0*2!.0!A'171!E-(%1+,!67+!0.(!X*;'T!

"!0'3+!3%\$!2(:%#)4!f*33:4!"8&!3+!R*(+-*!&.>#,*#&!8&!6"#!1+7/%&!+!.3*;'!+-!(..9,!*#&!&

%+!>*1!.#3:!>-#!"1*>+!-!/%2+7('!19*1-'&!7/!.#!+-!03..(!+-*+!"!0%#*33:!('*3%U'&!-.>!

972-!"!3.;&!%+4!S7+!"833!+33!:7!1.9+-%#)!31',!1.9+-%#)!(*33:!>%(&T!1"%#)!E-(%1+!.#!&

+!03..(!>%+!-!%1!0*2!*33!19*1-'&!%#!3%\$!+-*+!i!"!+>*1!(*33:1!-.2\$%#)4!C-*+!+-!8&!&

&.#!>*1!972-!9.(!63*1/-9.71!+-*#*#:+-%#)!R*(+-*!-*&!&.#!4!OD.(#6:!]P!

K-%1!>.(!\$-*&!1/*(\$&!*!#>!1'#!'.!0!2.#;%2+%.#!%#!-%9,!%+!6(*+-'&!*!#>!1'#!'.!0!7(/.1!%#!

-%1!3%0',!*#&!%#!+-!63%#\$!.0!*#!':!,!%+81!).#4!Q7('3:!'X*;'81!1:96.3%2!m.&&'11!.0!E(*+%#.,!

R*(+-*!>%33!6'!L71+!*1!-!*(+6(\$#!*1!-%9T!

Q-!L71+1+*('&!+!+-!/%2+7(!.#!+-!03..(!*#&!1*%&!g<-!9:!m.&8,!>-%2-!2.#1%&'(%#)!+-!
2%(2791+*#2'1!>*1!*6.7+!(%)--4!#&!>#1-!3..\$&!7/!*)%#,-!(!0*2'!>*1!*33!3%+!7/4!
Q-!>*1!+-(%33'&!+!.!6%+1,!12%+'&!3%\$!*\$%&4!"!2.73+!6'3%';!%+4!gK-%1!%1!/'(0'2+,8!1!
gS(%33%*#+48444g`*#+*1+%248!#&!+-'T!g"!2*#8+!>*%+!+.!1"!+-!;%&'.48!#&!"!>*1,!3%\$',!
;%&'.F8,!*#&!1-!/.%#+&!7+!+-!EEKn!2*9'(*!7/!%#!+-!2.(#!(!.0!+-!(..94!gK-*+81!/*(+!
.0!%+,8!1-!1*%&4!gK-*+81!/*(+!0!+-!1!-%6%+%.#4!C-*+!"!>*1-./%#)!>*1!+-*+1.9'.#!>.73&!
2.9!%#!#&!&!.!+-%1!.#!&*!.#',!#&!#!&*!:+>.!>'!2.73&1-.-!>+!0%39,!*#&!!"89!
)%#)!+!.!2*33!%+!"#+.3'(*#2'4!OD.(#6:!"^P!

K-%1!1-*++'(1!-%94!Q.9'.#!X*;!&'0#&&,*&9%('&,-'3&!%#!-%)-!()*(&!>*1!#.+-!-'#)'3%2!
-'(*3&!'!.#2'!6'3%';&4!Q-!>*1!1%9/3:!!L71+!*#.+-!(!;*')!-79*#4!#*;*')!-79*#!>-!
71'&+-'!9*3%2%.71!/'(&%2+*6%3%+!:0!1.2%'+:!.+!'!*&*#+*)!*+!+-!2.1+!0!X*;'M1!#>!6')%##%#)4!
Q-.2\$!#&!*>'(!>-*+!+-!>.(3&1!*>!0(.9!+-%1!/*%#+%#)V!%+81!>-*+!+-!>#*+&4!K-!>*#+&!+!
6!.7+(*)'&,+!+-!>*#+&!+!.!6!%;3',!#&!+-*+>*1!R*(+*81!%#+'#+%.#!+..4!Q-!9.1+!3%\$'3:#!#;'(!
)*;'!+-7)--+!+!+-!/%2'!.0!*(+!1-!>*1!2(*+%#)!>%+-!5%/!3!A'171!#&!#3:!'>%+&!0.(!+-!
(*2+%.#!0!+-!(14!K-%1!(;'3*+%.#!0!+-!%99#1!'/.>'(!/'/3!-.3&!.;'(!#!*#.-!(1-9'1!
+-!#*((*+.(!6*2\$!%#+.!-%1!1-33!#&!6*2\$!%#!-%1!/3*2!%#!1.2%'++;!#&!#&!>-%1/'(1!0!2.#0%&'#2!
-!-*&!&%1*//*(1T!

"!2*('&!*6.7+!%+!+..!972-444-8&!+(%&!+!.!&*9*)!9:!/!%2+7('!h!9:!/!%2+7('444!Q-!>.73+!
7#&'(1+*#&!+-%1,!67+!1-!#''&&!9!0.(!-'(!0%39!*1!972-!1!1-!#''&&!+-'9444!"!0'3+!3%\$'!"!
3..\$,!%0!:7!3%\$T!*!1%IN0..+N+>.,!0%0+"#N1+.#!6.7#2'(!>%+!-*1-*;'&!'&*>-.!&'.1#8+!
\$#.>!*#:+-%#)!*6.7+!*(+4!"8&!1/#+!+>.!&*!1!+-%#%#)!1.9!+-%#)!>*1,!7!\$#.>!,
6*7+%073,!#&!>.(+-!/(.+2+%#),!#&!*33!+-!+%9!%+!>*1!*!/%2'!.0!1-%+,!1+72\$!.#!+-!>*33!
6'2*71!1.9!6%(&+-.7)--!%+!>.73&!6!'!3*7)-!%0!1.9'.#!19*1-'&!%+!+!/%2'14!Q.!

'(:.#'81!*!/(+,*('8+!+-:F!K-!#7++(1!*(!/(+1!0.(!&.%#)!>-*+!+-!>'(!17//.1'&!+!
&.,!*#&!>*1!*!/(+!0.(!+(:%#)!+!1+./!+-'9!i!K-!.#3:!.#!>-.!%1#8+!*!/(+!%1!R*(+-*4!
Q-'81!>*+2-%#)!71!*#&!-*,;%#)!*!3*7)-4!C'33,!072\$!-(444!"!L71+!1%+!-'!*#&!+-%#)!*6.7+!
>-*+!"8&!3%\$!+!&.,!/*(+!0(.9!6!'K%)'(!C..&!1.(!f%2-*(&!S(*#1.#4!OD.(#6: !_ZP!
K-'!1+.(!0!+-%1!9*#!*#&!-%1!'!/'(%#2!*+!+-%1!'!-%6%+!2.73&!-*;'!6"#!*!+(%79/-*#+!.#4!
"0!5%//3'A'171!1+*:'&!-*#)%#)!.#!+-*+!>*33!%#!+!)*33'(:;!%0!#.!.#!'&'1+(.:'&!%+,!-'!2.73&!-*;'!
(*2-'&!*>-.3!#!>!3;'3!.0!7#&'(1+*#&%#),!-'!2.73&!-*;'!9*#!1+(%&'1!+!6'2.9!+-'!+(7'1'30!
+-*+!-'&!6"#!63.11.9%#)!.,!(+-'!2.7(1!'!0!+-%1!1+.(4!D%1!1'30!*117(*#2!'(*2-'&!*#!>!/'*\$,!-'!
7#&'(1+..&!+-!;'37!'!0!-%1!>#!./%#%.#1,!-'>*1!1.!23.1!+!+-'!6(%#\$!0!-%1!#%(*#*4! S7+!>'!
>%33!#;'(!\$#.>!,6'2*71!+-%1!1+.(!&'!#8+!#&!+(%79/-*#+3:,!%+!#&'1!+-'>*!+-'!2-(*2+'(1!%#!
+-%1!+*3!>*#+'&!%+!+!j!>%+!+-'!&'1+(72+%#.#!0!5%//3'A'171,!>%+!-!1-.2\$!*#&!*>'4!!=;'(:+-%#)!

C&'(\$-((6\$'(\$)\$*8',5(-\$'+%"\$,6\$"1+\$T4',+'*\$"3\$)*-\$(%"#69?=\$=(\$/,;'%%-0\$%&(\$-((6\$)+0\$5#-%%6\$,/3"#**%\$);"/%\$%"9\$R"1-@-#.\$/5"+\$#-)0'+*\$'%)\$)*'+\$)3%-#\$,)+6\$,"+%&(\$=\$1)(\$'+(%)+%86\$%#)+(5"#;);42\$'+\$%,-9\$=\$#-,-;-\$&"1\$=\$3-8%\$)(\$=\$8""2-0\$)%\$%&-\$5)+0-,4?(\$)3%-#,%&9\$=\$#-)8'U-\$%&)%%&'(\$-((6\$'(\$)\$@-#6\$)44/#)%-\$#-5#-(-+%)"+"\$3%&-,-(\$O,'86\$P%9\$>"&+\$I)+0-8\$1)(\$%#6+'*\$%"5#-(-+%.\$'%)\$)8("\$#-38-4%(\$,6\$"1+\$5(64&-9\$D(\$=\$*"1\$/5.\$%&-\$1"#80\$(\$)%#%(\$%"\$4",-'+%"\$3"4/#)-+?%\$)(\$'++)%-86\$*"0\$)(\$=\$"+4-\$%&"/*&%\$%&-6\$1-#-9\$:-&@-\$)88&(\$O\$)*#-)%\$0-)8\$"3\$%,-)%\$%&-\$1"#80\$)#"/+0\$/(1'%"&"/%\$%&-\$#(-74"8"#-0\$*8)((-\$"3\$""0\$4#4/,(%) +4-(9\$C&'(\$-<5-#-+4-&)(%)/*&%\$,-;"%&);"/%\$%&-\$2'+0\$"3\$5-#("+=\$=1)+%\$%"\$;-)(\$1-88\$)(\$%&-\$2'+0\$"3\$5-#("+=\$=1)+%\$%"\$;-9\$

=\$4"/80\$+"%\$&)@-\$1#'%%-+\$)+\$-((6\$"3\$%&'(\$4)8';-#1'%"&"/%\$%&-\$-+4"/#)*-0\$'+%#"(5-4%"+"\$3\$V#"3-((#"#B)%&6\$>"+-(9\$C"*-%&-#.\$1-\$0-8@-0\$'+%"\$1&)%'\$%\$,-)+%\$%"\$;-)\$*"0\$5-#("+)+0\$1&4#'%-#"+"\$,-)+%\$1'%"&#-*)#0(\$%"\$5-"58-\$'+\$"/#-\$@-#60)6\$8'@-(9\$V"-%\$:9S9\$W-)%(\$"+4-\$()0.\$L-0/4)%'"+"\$'(\$+"%\$%&-\$3'88+'*\$"3\$)\$5"%\$;/%\$%&-\$8'&%'+*\$"3\$)\$3#-M\$)+0\$=\$4"/80+?%\$)*#--\$,-)((6.\$'3\$)+6%&+'.\$'(\$%&-\$38),-\$3)++-0\$;6\$)\$1"+0-#3/8\$%-)4&-#1&"\$+"%\$"+86\$%)/*&%\$,-);"/%\$(-,' 74"8"+(\$;/%\$)8("\$%)/*&%\$,-&"1\$%"\$+)@'*)-%\$%&'(\$1"#80\$)(\$)\$+"(6\$1",)+\$7 1'%"&)\$%)2-\$+"5#/'+-#(\$,-+%\$)8'%6\$1&-+'%\$4",-(\$%\$/'+'\$6\$@"4-9\$

Is There Truly a Profit for a Selfproclaimed Prophet?

!4\$55/\$%678/(#!

Y[Y[!>*1!+-!9.1+!*3*(9%#)!*(!.0!9!3%0'4"!12(.33&+!-.(7)-!1.2%*3!9'&%*!#&!1*>!*#!
%&' .3.)%2*3!>*(V!6*++3'1!.;(!H7*(#*+%#)!#&!(2!(1'3*+%.#1!(*)&!(%) -+!+-'(!%#!+-!/*39!.0!9!:
-#&4! =;(!*///>*1!0%33'&!>%+-!H7'1+%.#1!#.6.&:-*&+!-*#1>'(1!+.T!ggD.>!3.#)!>%33!>!6!%#!
H7*(#*+%#F88!BD.>!9*#;!/.3!>%33!&%FG!BC%33!m'.())'3.:&!)!+L71+%2'FG!J'./3!+-(>!
+-'91'3;'1!.#!+-!)(.7#&!#&!6*+!+-'!(/*&73+N1%U'&!0%1+1!*+!+-!+-.(7)-+!.0!*!0*2!9*1\$!(!+-!
1%9/3!/-(*1!BS3*2\$!W%;'1!R*++(4G!K-!).3&#!(73!>*1!*6*#&.#&V!+-.'1!>-.!+-.(7)-+!*6.7+!
.-'(1!#&+!(%&!+!.&!.+-'!(2%;%2!&7+!>'(!'3*6'3'&!B1-'/3MM!.(!B3%6+*(&14G!=9/*+-!>*1!
1.9+-%#)!+-+!>!*33!23*%9'&!+!-.*;!,!#&!%+!>*1!.#!.0!+-!9.1+!%9/.(+*#+!H7*3%+%1!#!2.73&!
/.11'114!D.>';(!+-!07(+-(!%#+.!+-!/*#&'9%2!")+.!,+-!9.(!+-!).3&#!(73!1'9'&!3%\$!#!
&%1+*#+!9'9.(:4!?!1+-!/*#&'9%2!2.9'1!+!*#!#&!,%+81!23*(!+-*+!#!.13.#)!(13..\$!*+!9:!0'33.>!
-79*#1!+-!1'9'4!K-!/*#&'9%2!)*;!71!*)3%9/1!%#+.!-.->!0*(!/.3'81!9/*+-!%!1*63!+!.).4!

?!/(*1!(*#) !+-(.7)-!9: !- * &! *1!"!>*+2- &!+ -!>. (3&! "\$#>!) .!7/!%# !1%3# +! *#&!) .-1+3: !03*9'1T!
K-!- * (&'1+!+%9'1!6(%#)!.7+!6. +!+ -!6'1+! *#&!>. (1+!%# !-79*#%+ :4!d!9%33%. #! ?9' (%2*#1!&%&!# .+!
17(;% ;!+-%1!/*#&'9%2,!*#&!+- .1!> .!&%&!2(.11'&!%#+ .! *#>! ;'(1% .#!.0! ?9' (%2* ,.#!+ - *+!>%33!
;'(!6'!+ -!1*9'T!*!>. (3&!> -'(!1.9'!2*9'!.7+! .#!+ -! .+ -'(1%&!6'+ +'(!*#&!1.9'!>. (1'4!K- '(!
>*1!23*(3: !*!&'9.)(/-%2! .0! /' .3!+ - *+!3. \$&!+ -'!(%1%#) !&*+ -!+ .33!%# !+ -'!'1! *#&!23*(3: !1*%&T!
B"!>%33!# .+!&! *# :+-%#) !+ .!1* ;! :7(!3%0'4G!K-%1! !*2+!2.#2/ +!%1! !B%&# \$O8-@ -+\$6:!
=9%3: !Q+4!A. -#!R*#&'3!> .!&'9.#1+ (*+ '1!+ - *+!> - *+!9*\$'1!*/(1.#! ('&'9*63!&' /#&1! .#!
> -' + -'!(!# .+!+ -'! - * ;'!9/*+ - :4!K-%1! /.%# +!%1!9* &'!+ -(.7)-!-'(!&'2%1%. #!+ .! *33.> !E3* (\$!+ .!
B2(.11! ;' (G!> -%3! /(' ;# +%#) !? (+-7(!0(.9!&.%#) !1.4!E3* (\$!&'1, !%# !0*2+ ,! - * ;'!9/*+ - :!> -%2-!
*33.> !1- %9!+ .!2- *#) !- %1!3%0'!0. (!+ -'!6'+ +'(V! .#!+ -' .+ -'!(- *#& ,! ? (+-7(!3*2\$1'9/*+ - :!> -%2-!
9*\$'1! -%9!%#2*/*63! .0! / .1%+ % ;'!2- *#) '4!K-! /(..0!+ - *+!3'+ +%#) !- %9!2(.11!>.73&! - * ;'!6"#! *#!
*1+ (.# .9%2*3!9%1+ *\$!%1! -%1!1. #!K:3' (!> .!7#&'#% *63: !9% ((. (1! *#&!9*) # %0%'1! ? (+-7(81!3*2\$! .0!
'9/*+ - :! *#&!1- .> !1!%#2('&%63: !*3*(9%#) !/ .+ #+ % *34!

E3* (\$!2(.11'1! ;' (!+ .!+ -' / .1+N2.33*/1!>. (3&!6'2*71'! -! - *1!+ -!9.1+!2(72%*3!H7*3%+ :!%#!
+ -' / .1+N2.33*/1!>. (3&T!9/*+ - :4!K-%1!H7*3%+ :!%1!1- .> #!+ %9! *#&!*) % #!%# !+ -' / (N2.33*/1!
>. (3&V!0. (!"9/3' ,!*+!+ -' !&%##' (!/* (+: !%# !- %1!%#+ (*2+ % .#!> %+ -!R% (*#&!> !"1! -%9!&%1/3* :! *#!
*6%3%+ :!+ .!7#&' (1+ *#&! -'(T!

E3* (\$!- *1!2.9'!.7+!0. (!*12%)* ('++4!D'(!/3*#!%1!+ .! / ('+ #&!%0! *# :. #!2*9'!.7+! -' (!+ - *+!
1-81!3. \$%#) !0. (!+ -' !& .) ,!67+! -!& . '1#8+!*1\$4!D'!+ */1!+ -' !2%)* ('++!6. !. #!+ -' / *39! .0! -%1!
- *#&! *#&! - .3&1!.7+! *!2%)* ('++!> %+ - .7+!1/!*\$%#) !i!gm. &!372\$!&* (3%#) ,8!E3* (\$!1* :1!
H7%' +3:4!D'81!0%#%1- &! -%1!2%)* ('++4!C-#!1- !+7(#1!-81!*3(*&! ('#+'(%#) !+ -' / * (+: ,!
('23*%9%#) !- %1! /3*2' !*+!+ -' !+ *63'4!g< - ,!1-81!L71+!1* (2- %#) !0. (!+ -' !& .) ,8!1- !- * (1! -%9!1* :!
%# !('1/ .#1'!+ .! *!H7'1+ % .# ,!M"!' /'2+!1-833!6'!%# !*# :!9.9# +!# .>48!O__P!

"#!+-%!12#',!E3*(\$!(^*117('!R%(*#&*!+*+!1-!%1!#. +!*3.#'V!+-'(!%1!1.9'6.&:!%#!+*+!(..9!>-!
1"1!>-*+!1-!1"1V!E3*(\$!)%0+!1R%(*#&*!1#1'!.0!2.997#%+;,*#&!+-%!1&'9.#1+(*+!1!+-!
/.*#+%*3!E3*(\$!-^*1+!.!2(*+!*!9*#%#)073!3%0!'*0+!(+-!2(.11!.;'(4!"#!+-!1+(%/!&!&.>#!/.1+N
2.33*/1!>.(3&!6'%)#)!*63!+!.!0%#&!2.997#%+;!:>%33!/(.;!+!.!6'!2(72%*34!K-%!1!H7*3%+;!&.'1,!%#!0*2+,
1('!-%9!>'334!"#!+-!'*(3;!&*:1!%#!+-!'*%/(. (+,!-%1!*63!+!.!9/*+-%U!>%+!-%!1!0'33.>!
/*11#)(1,!;#!*9%&1+!*33!+-!/(1.#*3!&*;1+*+%.#T!BD'8&!3.1+!-%!1.3&'1+!0(%#&!67+!%0!+-!
+*3';%1%.#!#>1!>*1!*227(*+!,!+-#!%#!*33!/(.6*6%3%+;!';(:.#!-'(!>%+!-%9!%#!+-!'*%/(. (+!-*&!
3.1+!1.9'.#!+..4!?'33!*+!.#2!-'!0'3+!*#!*2-%#)!+#!&'(#11!0.(!-%!1!0'33.>!(07)"1,+-'!1'-7#&(&!
.(!1.1!+(*#)(1!-'(!%#!+-!'*%/(.+G!OYkdP4! =;#!%#!>-*+!%1!*())7*63: !+-!1* &&'1+9.9#+!.0!-%!1!
3%0',!E3*(\$!%1!*63!+!.!'!27+!'!9/*+-.;!*!3';!3!0!>-%2-!/(.;!1!-%!1!>.(+-%#!11!.0!2(.11%#)!.;'(4!
K-%!1!H7*3%+;!+!.2.##'2+!/(1%1+!1*#&!%1!73+%9*+3: !+-!'(*1.#!>-:!'!67%3&1!*!2.997#%+; !+-*+!-!
0"31!%1!>.(+!3%;%#)!%#4!K-%!1!1#1'!.0!2.997#%+;!3*1+!1-%9!*!3%0'+%9!*#&!6: !+-!'!#&!0!-%!1!3%
+-%!1!%1!('>*&T!

"#!+-!0.(9!(!+%9'1,!>-'#!+-!'*%/(. (+!-*&!-*&!0'>(!'./3',!E3*(\$!-*&!>.(\$&'!33!&*!*+!
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+.%3+1!./(*+%.#*3,!*+ (%2%/*+%#)!%#!1*3;*)!./(*+%.#1!%#!+-!'*6*#&.#&!&. >#!.0!Q';(#!
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+-!'971'79!*33!&*:4!OY]cP!

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>.(3&4!E3*(\$81!*6%3%+;!+!.2(*+!+-%!1!2.997#%+;!%1!2.#+(*1+&!6: !+-!'(\$!:'!2-*(2+(1!>-!2*##.+4!

K-!H7*3%+%!1!>!1"!%#!?(!+7(!2*1+*!(*3!&.76+!*1!+.!>-!+-(!-!-!*1!*6*1%2!3';3!0!
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&%1/3*:.!0!7#&#%*63!*/*+-.4!K-%1!6*003%#)!&%12.##2+%#.#!0(.9!+-(!'/./3!2.#+%#7'1!
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&*#)!(!+!+!-!1*#2+%+;!0!2.997#%+:V!-.>';(!&'1/%+!#.+!6%#)!*33.>&!+!g2(.11!.;!(8!-%1!
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2.33*/1!>.(3&4!K:3'(!3%\$!-!%1!0*+-(,!1!/#&1!-%1!>-.3!3%0!/'(0.(9%#)!-%1!(.3!*1!+!-!g1+*(48!K-%1!
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1+*#&!9.#)!+!-!2+(14!K-!&.)!>-.8&6"#!3:%#)!6!+!-!0(.#+!(.>!1*+!7!/*+!*++'#+%.#i!
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+>.!1-%+1!>-*+!%+!>*1!&.%#)!+!.9'4!'('9'96'(!.#!#%)--,'!'-*&!/733'&'#!*33N#%)--+'(!&.%#)!
-9'>.(\$!+-!#%)--+'!6'0.('!#&!'-*&!>.(\$!&!c!-.7(1!*+!9:!(1+*7(*#+!L.64!D!2*33'&'9'!#&'+.3&!
9!'+-*+!-'!-*&'!1/"2-!&7'!#&!'&'9*#&'&'!'-3/!-%9!>%+-%+4!"!+.3&!-%9!"!>*1!+..!+%('&!+!6'*(!
+-%14!D'!/((.2"&'+.!.12('9!*6.7+!9:!'1'30%1-#!11!.;'(!+-!/-.#4!"!&79/'&!-%9!+-*+!#%)--+'!K..!
.0+#!>'1!"!+-'1!H7*3%+%!1!%#!.7(!0%(1+!.(!'2.#&!6.:0(%#&1V!+-'(!%1!*#!7++'(!('071*3!+!.+('!+!:7!
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#&'!3.+!0!+-!+%9!+-.'1!?(+-7(1('!%#2('&%63:!'&#)('71V!+-':!3*2\$!6*1%2!-79*#!3';!3!0!
'9/*+-:4!C!%)#.(!+-'!2-*.1!+-':!2(*+!6'2*71!+-':!*('!>'(073,+-'-%(!&*9')!%1!9%#.(,!(!%+!
L71+!&.'1#8+!*00'2+!71!&%('2+3:V!->';(,+-':!1+%33!/!.11'11!*)('!+&'(\$#'114!K-'1!?(+-7(1!-.3&!71!
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/!%11!#!+-'-%(!0*#1,V!*#&!>.(1+!.0!*33!+-':!.227/:!1.9!.0!+-!-%)-'1+!.00%2'1!%#!.7(!#*+%.#!>-%2-!
33.>1!+-'9!+!.2.#+(.3!>.9'#81!6.&%!14!C!#!&'!>.(3&!+-+!&.'1!#.+,!*3%&'+!3/-*!9*3'1V!>!
#''&'!>.(3&!+-*+!/71-'1!+-'1!'/./3!.7+!0!/.1%+%.#1!0!/>('4!"!+%1!+%9!>'!1+*(+!+!1!"!
'9/*+-:!*1!*!9'+(%2!0!1722'114!C!-'!;!67%3+!*!1.2%'+:!'+-*+!/*//3*7&1!*#&'!#(!;-.3;'1*(.7#&!
+-'!9.+%.#*33:!'1+7#+'&!?(+-7(1!0!+-'!>.(3&'&#&!9.2\$!1!+-'!E3*(\$!10.(!6'%)!B+..!0'9%#%#4G!"!+%1!
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2(.11!.;'(!%#+.!'!6'++'(!1.2%'+:4! R*#&'3!1->1,+-(.7)-.7+!P%)%"+\$O8-@-+.\$+-*+!+-'!E3*(\$!1*('!+-'
.#'1!>-.!'&#&';*37!+!.+-%1!>.(3&V!+-':!67%3&!2.997#%+%!1,!.2*('!0.(!+-'(1,*#&'+33!+-'!1+.(%1!

+*+!07+7(!)'#(*+%.#1!>%33!#'&!+!\$#.>4!K-%1!H7*3%+;,+-'!H7*3%+;!0!9/*+-.;!%1!>*+!9*\$'1!
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Q+4!A.-#!R*#&'3,! =9%3:4!P%)%" +\$O8-@-+4!@#./0,!Y[dk4!

`%(1+,*3+-7)-!+-!0*(9>.\$(1!0*2!2-*33#)%#)27((#+!2%(2791+*#2'1,!+-!2.#+%#7!+!
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+*!%#)!%+!%14!<#!3*6.(,!W.(#!D'(#*#&'U,!1+*+1,!B"M9!;(:!-*/!:'6'2*71"!>.\$!%#!+-!0%'3&1!
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*#&!"M33!2.#+%#7!+!&.!%+!0.(!1!3.#)!*1!"M9!%#!+-%1!2.7#+(o!Od]kP4!D'(#*#&'UM1!(%) -+1!*1!*199
>.\$!(!'(!3%9%+&,!67+!-'(!/('1';(*#2!(!;*31!/.1%+%;!*1/'2+1!.0!-'(!L.6,!>-%2!-%#237&!
9*\$%#)!#7)-!9.#!:+.!17!/(+!-'(!&*7)-+!(4=1/'2%*33!>#2%(2791+*#2'1!%#!-'(!3%0!'+7(#!#!
!&%9!,!172-!1!!-*,%#)!+!9.;!+!+-!eQ!>%+!-'(!*7#+1!%#2!-'(!/'#+1!\$%2\$&'!-'(!7+!,
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1!"!+-!-/!+-*+!+-!0*(9>.\$(1!1+%33!2*((!>%+!+-'9!%#!+-*+!+-%!(2.#&%+%.#1!>%33!%9/(.!,!*#&!
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#&!.1%+%;!0.(1%) -+!0.(!+-!07+7('4!C-%3!9#:.0!+-!/-+.1!/'(1#++&#%&-\$!-80(\$3\$%&-\$
K"#%&\$%&1/3*!+-!/-:1%2*3!3*6.(!#&7('&6!:+!->.\$(1!*1!>33!*1!+-!7#0.(+7#*+!3%;%#)!
2.#&%+%.#1!+-*+!2.9!>%+!-!1+*:%#)!%#!+-!9%)(#+!2*9/1,!+-!(!'!0!>!/-.+.1!+-*+!1-!&3%)-+!#!
+-!>*:1!%#!>-%2!+-!>.\$(1!-*;!2('+'&!3%0!0.(!+-'9!13;'1V!0.(!%#1+*#2!,+-!(!%1!#*!%9*)!
.0!9%)(#+!>.\$(1!) *+-'(%#)!0.(!9*11!>%+!-!*/(%'1+%#!>-%2!-*!0!>9'96'(1!0!+-!2.#)(')*+%.#!
('!-3&%#)!-#&1*1!+-!:/(*!+.)+-!(!O_dP4!K-%(!/'(1!/'(1#+!->+!+-!-*(&!>.\$!+-!;!&!
&.'1#.+!2*71!+-'9!+!3.1!0*%+!-*#&!%#;!7/,!*#&!+-*+!+-%!(('3%)%.#!9*!2.#+%#7!+!9.+%;*+!
+-'9!*1!+-!>.\$(3.#)!-7(1!%#!+-!0%'3&4!K-%(!('3%)%.71!2('9.#%'1!#.+!#3!1!(';*1!*!

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1.9'.#!'73+%9*+'3!/(.+2+%#)!*#&!>*+2-%#)!;(!+-'9,!67+!+-'!*31.!6'2.9!'!>*!+!.!2.##'2+!
+!+-'%(!-'(%+*)!*#&!3%0'1+:3'4!K-!%#+%9*+'!9.9#+!+-*+!S*2.#!2*/+7('1!>%+!+-'!)(.7!/!.0!
>.\$'(1!1!->1!->!*#;!&'-79*#%U%#)!|/'(%#2'1!+-'1!%#&%;%&7*31!9*!:0*2!2*##.+!1+(%/!+-'9!
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&'79*#%U*+%.#4!"#!+-'!6..\$,!S*2.#!%#+'(;%>1!*!:7#)!9*#,!f*:97#&!m7U9*#,!*6.7+!-%1!
07+7('V!m7U9*#!1*:1,!o"M9!).%#)!+!.6!'!*(*/!1+*(4!"!+-%# \$"M9!).%#)!+!.6!'6%),!67+!"M9!*31!.!).%#)!+!.!
6!'!*(*/!(!>%+!-*!2.#12%'2'444!"&.#M+!1!"!9:1'30!>.\$(%#)!%#!+-'!0%'3&1!*#&!!"&.#M+!>%1!+-*+!L.6!
.#!*#:.#4!"0!:7!-*;!+-'(!&(*91,!+-'#!).0.(!+-'9,o!Od^cP4!`.(1.9',!/*(+%2%/+*%#)!%#!>.\$!
%#!+-'!0%'3&1!9*:\$!/'!+-'9!0(.9!/7(17%#)!+-'(!./+%.#1,!*1!+-'!2*#!.#3:1!"!+-'91'3;'1!/%2\$%#)!
/(&72!0.(!+-'!(1+!.0!+-'%(!3%;'1,!67+!m7U9*#!1->1!->1!-.3&1!.#+!.6%))(!).*31!+-*+!*(!
6':.#&!+-'!3*6.(!2*9/14!m7U9*#!-1!#.#+!3.1+!/*(+!1.0!-%91'30,!*#&!-'!;'#!/%#+!1!.7+!-%1!->#!
(1%3%'#2!6:!(0'(#2%#)!*!K7/*2!H7.+!+-*+!%#1/%('1!-%9,!>-%2-!-'!/*(-(*1'1T!B444>'8('!3%\$!'!
03.>'(!+-*+!)(>!0(.9!2.#2('+4!b.7!2*#!1!"!+-'!(.1!*#&!1+9!%1!+>%1+&!,!67+!%+!)(>!7+!.0!+-'!
-*(&!2.#2('+G!Od]kP4!S:!0.271%#)!.#!m7U9*#81!*1/%(*+%.#1,!%#1+*#&!0!+-'!&%00%273+!:!0!-%1!&
3%0',!>'!(*63!+!.1!"!->!.#81!/*11%.#1!-79*#%U!%#&%;%&7*31!>-.!+-'(>%1!>.73&!6!
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5.+!.#3:1&.!+-'1!/*11%.#1!1'(;!*1!*!2.#+(*1+!+.!+-'1+('#7.71!>.\$!+-*+!9%)(*#+!1!*(!
0.(2'&!+!.17#&'!).!67+!+-'!*31!.273+%;*+!*!/.1%+%;'!#;%(#9#+!+-*+!+(*#12'#&1!+-'1+(7))3'1!
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>-%2-!-'*1!6(.7)-+!>%+!-%9!0(.9!R!'!%2.4!D!'!%1!19%3%#)!%#!+-'!/-+.!,!*#&!+-'!2*/+%.#1*1,!
o"#!+-'!2*9/,!-!1%#)1!1.#)1!3*(#&!0(.9!R!'!%2*#!(*&.,*1!>'33!*1!+-'!+(*&%+%.#3!971%2!.0!-%1!

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2-%3&('!*/'*(%#)!+!6!1+!(%\$%#)!>%+!+-!%(!0*9%3%'1!.7+1%&!0!Q*\$79*!'*(91V!9*#:.0!+-'9*(!
19%3%#)!*#&!-.3&%#)!7/!+-!%(!0%1+1!%#)!/>'(!*#&!1.3%&*(%+:4!<#!.0!+-'9!-.3&1!*1%)#!+-*+!1*!1,
oA71+%2%*!J*(!K.&.1o!OA71+%2!0!(=;'(:.#P!Oka^P4!K-(.7)-.7+!+-!6..\$,!>'(!1!->#!9*#!
'!9/3'1!.0!&'-79*#%U*+%.#,!67+!+-!%1!/-+.!.0!+-!2-%3&('!&/'%2+1!*!#>!>*,!.0!1+(!#)+-!.0!
2-*(2+'(!*#&!17))'1+1!+-*+!)#('+%.#1!>%33!2.#+%#7!+!.0%)-+!0.(!+-!%(!(%)-+!1*#&!+-*+!2.#&%+%.#
>%33!)'+!6'++'(4!S*2.#81!/3*2'9#+.!.0!+-!/-+.)(*/-!,!>%+-%#!+-!3*1+!2.7/3!.0!/*)'1!,2.#1+%+7+!1!
3%)-+!*+!+-!#&!0!+-!+7##'34!m'#('+%.#1!>%33!2.#+%#7!+!.!)(.>7/!%#!#;%(#9#+1!.0!
7#2.#&%+%.#*3!(!1%3%'2!'!>'(!+-!>%33!0"3!%#1/!(!&+!>.(!\$!-*(!&*#&!6!)(+'073!0.(!>-*+!+-!'
-*,!4!

K-(.7)-.7+!+=+%&-\$!-80(\$3\$%&-\$K"#%&\$6!:X*;%&!S*2.#,+!+-'9!.0!&'-79*#%U*+%.#!%1!
2*((%&!>%+-%#!+-!1+.(%1!*#&!/-+.)(*/-1,*1!972-!0!+-!0.271!.0!+-!6..\$!%1!+!.2*/+7('!+-!
'(1.#*3!'!/'(%#2'1!.0!+-!0*(9!>.(!(14!S*2.#81!&"/3!/'(1.#*3!%#+'(%>1!*33.>!0.(!*!
)3%9/1!%#+.!+-!3%;'1!.0!+-!>.(!(1,*#&!%#!*39.1+!';(!:1+*+9#+,!-!#&1!.#*!/.1%+%;'#.+!,
'/%;.+%#)!+-!2.#;'(1*+%.#!+>*(!&+-!%#&%;%&7*3!9.+%;*+%.#1,!-/'1,*#&!&('91!.0!+-!>.(!(1,!
1!*1!+!.!(9%#&!+-!7&%#2!+-*+!+-!1!0*(9>.(!(1!-*,!*37!6'..#&!+-!>*:!+-*+!1.2%'!+!
'(2'%;'1!+-'9!*#&!+-!%(!-79*#%+:!2*##.+!6!1+!(%//'&!>*:4!Q%9%3*(3;,-%1!/'(1#*+%.#!.0!
'-+.)(*/-1!1!->!+-!&3%2*+'!6*3*#2!6'+>'#!+-!&%00%273+!*#&!3*6.(%.71!+*1\$1!*#&!+-!
7#0.())%#%#)!3%;%#)!2%(2791+*#2'1,*#&!+-!/-+.1!2*/+7('!+-!/'(1.#*3!3%;'1!.0!+-!9%)(*#+1!*1!
+-!:'96(*2!+-!%(!+(*&%+%.#1!*#&!%#&%;%&7*3%+:4!K-!'(!972-!9.(!+-*#!L71+!+-!>.(!\$!+-!&.,!

C.(\$!E%+'&!

S*2.#,!X*;%&4!=\$%&-\$!'80("\$3\$%&-\$K"#%&9\$=3!E.3')%.!&!3*!`(.#+'(*!5.(+!\e#%;'(1%+;!0!

E*3%0.(#%*!J('11,!Y[d^4!

RESEARCHER PRESENTS ARGUMENT

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) +0\$'(\$%'#-0\$"3\$#-)0'+*%&-\$(),-#+-1(\$&-)08'+-(\$"@-#)\$+0\$"@-#)\$*)'+9\$=3\$6"/\$8""2\$/5\$Z(-</)8\$
#-8-)(-0\$)\$\^5)*-\$#-5"#%\$3\$&-#\$'+0-5-+0-+%\$'+@-(%')%"+"\$"+\$%&-\$);/(-\$'+\$%&-\$K:PX.\$
3"88"1'+*%&-\$#-8-)(-\$3\$%&-\$V)/8\$_'8-6\$)#%'48-\$'+\$C&-\$D%&8-%'4.\$%&)%\$#-@-)8-0\$-@-+,\$"#-
%-),(\$&)-&"80-#(\$%&)%\$1-#-\$5"#%-4%'*\$)+0\$-+);8'+*%&-\$);/(-#(9\$:"-+\$0"\$+"%\$0-(-#@-\$%"\$;
'*+"#-0\$)+0\$3)'8-0\$%,-\$)+0\$%,-\$)*'+.\$1&'8-\$%&-#\$);/(-#(\$)#-\$1)82'+*\$3#--9\$D4%"+"\$+--0(\$%"\$;-
%)2-+ \$" +\$)88\$8-@-8(\$3#,\$4",/+%'-(%"\$'+(%'%/%"+"(\$'+\$"#0-#%"\$5"#%-4%"\$/#\$1",-+\$)+0\$&"8

Sexual Abuse of Female Athletes in Sports

!+)/5,%<3;7)\$'

?33!3%++3!)%(31!3..\$!7/!+!.!>.9'#!%#!1/.(+14!K-'!|2%+'9#+!.0!>*+2-%#)!+-%(!0*;.(%+!/3*:'(!.(!

2.#&%+%.#%#)!(%)%9#!*+!/(2+%2!+!#!+!&*:G!OE*1-P4!<6;%713:,!+-%1!>*1#8+!>-*+!+-'1!/3*:(1!
-*&!%9*)%#&!+-'%(./0'11%.#*3!1.22'(12*(1!+!6'4!K-!:-*&!&('91,!-./,!*#&!%#1/%(*+%.#!+-*+!
+-':!>'(!*&:!.!&%1/3*:.#!+-'/(.0'11%.#*3!1+*)'4!"#1+'*&,!+-':!>'(!9*#%/73*+&!*#&!

+*+!1769%11%.#!+!./.>'(!*#&!71!'+*+!%96*3*#2!.#!+-'1!')%(31!%#!.(&'!+!.2.#+(.3!+-'94!"+!%1!#.+.!
1%9/3:#+-'!2.%#2%!.0!+-'!)#&'!./.>'(!&%00'('#2!'+*+!'!%1+1!%#!.7(!1.2%+;.!67+!+-'!9#!>-!
('!>%33%#)!.!'/3.%+!+-+!7!/'(!-*#&!0!./.>'(4!5*11*(!-%91'30!/(.23*%9&.!Bb.7!-*;'!+!./.(+2+!
.:7(!*+-3'+!14!b.7!-*;'!+!.3'+!+-'9!\$#.>+*+!>!2*('4!b.7!-*;'!+!.#.+!3'+!+-'9!\$#.>!67+!3'+!
+-'9!0"3!%+;!3'+!+-'9!7#&'(1+*#&!%+!\$!0\$X)##6\$K)()#\$a-%\$D1)6\$1'%&\$=%bP4!K-'!9#!>-!
+..\$!*&.*#+*)!.0!+-'!(!*+-3'+!1!\$#>!>-*+!+-'!>'(!&.%#)4!E.*2-'!1*#&!1+*00!2*#!9*\$!%+!1'9!
1!%0!+-'!2('!6.7+!#&!>#*+!+!./.(+2+!+-'!)%(31!*#&!>.9#!%#!.(&'!+!.!)!+-'9!+!-!-*;'!+!
23.1'(!('3*+%.#1-%!+!.!+-'94!"#!*1+7&:!.0!1!7*33:!*671'&!+*+-3'+!1,!(1'*(2-'(1!Q:3;%!J*(#+!*#&!
m7:3*%#!X'9'(1!#.+%2'&!BQ3.>3:;+!-!2.*2-!9.;&!+!-!3%9%+1!0!-%1!%#+'!/(1.#*3!
6.7#&*(%1i4K-%1!)(*&7*3!#+(*!9#+!0!+-'!+*+-3'+!1!>*1!&'1%)#&!+!.!#17('!1'2'(2:;!)%;%#)!
1'27(%+;!+!.!+-'!/'(+*+.(!*#&!*117(%#)!2.N./(*+%.#!0(.9!+-'!+*+-3'+!G!OJ*(#+P4!K-'!9#!'(!
9*1+'(1!0!9*#%/73*+%.#!*#&!-*;'!6"#!63!+!-!-%&!+-'!(2(%9'1!0(.9!+-'!(1+!0!+-'!>.(3&!>-%3!
2.#+%#7%#)!.!-*(9!0'9*3!'+*+-3'+!14!E.*2-'!1*#&!1+*00!&!#.+'!%1+!.#!+-'!(!>.!67+!(+*-'!(!%#!*
1:1+9!(!.)*#%U*+%.#!+*+!+-'!:'(!>.(%)#)!%#!>-.!%1!L71+!1!('!1.#1%63!0.(!+-'!1*671'4!
?#.+-'(!(*1.#!+*+!1!7*3!671!%1!2.#1%1+#+3:!.227((%#)!%#!>.9#81!1!/(+1!%1!6'2*71!
.0!+-'!1:1+9*+%2!%#2.#1%1+#+2%'1!0!+-'!2.((1!/#&%#)!1!/(+1!.)*#%U*+%.#!1*#&!+-'!%#;'1+%)*+.(14
C%+-'!';(:!1!/(+1!+*9!%1!*10'&'(+*+.#!(!.)*#%U*+%.#!6'-%#&!%+4!K-!:-*#&3!*33!0!+-'!6'-%#&N
+-'N12'#!19*#*)'9#+T!0%#*#2'1,!.())*#%U%#)!9*+2-'1,!(+;3!3*#1,!'!+24!K-!:'!31.!'#&3!+-'!
2.9/3*%#+1!*#&!*33!3')*3*1'/2+1!*#&!%+!%1!7!/+!+!-!1!.00%2%*31!+!+*\$!+-'!#2'11*(:!2+%.#!0.(!*#&:
1'(%71!%117'1!6(.7)-+!+!+-'!(!*+*#+%.#4!R.(!0+#!+-*#!#.+,!+-'1!.)*#%U*+%.#!1!%)#.(!(!&!
#.+'!+*\$!+-'!(H7%(&!2+%.#!>-'!%+!2.9'1!+!2.9/3*%#+1!+-*+!'(%1!>%+-%#!+-'!(9*#*)'9#+,!
'1/2%*33:!'1!7*3!671!'*33')*+%.#14!&=QJ5!/*#3%1+!@';%#!S3*2\$%1+.#!'*)7'1!+-*+!+-'!2271*+%.#1!
9*&!6:!+-'!0.(9'(!5CQW!3*:'(1*('!#.+'(2'#+3!&';3./&!*#&!#.+'L71+!&%('2+'&!+!+-'!9#!

%#;.3;'&!(+-(,!B<+-'(!*33')*+%.#1!*('!*%9'&!*+!.00%2%*31!p%#eQ!1.22'(q!>-.i%)#.(!&!+-'(!
2.9/3*%#++14!K.)'+-'(!+-:!'(!*!637'/(%#++!.0!1:1+'9*+%2!0%*37('!%#*#!.)*#%U*+%#.#!/('&.9%#*+'3:!
(7#!6:9#G!IOS3*2\$%1+.#P4!73+-.)-!+-'1!>.9#!'(!0%3%#)!2.9/3*%#++1,+-:!'(!6'%#)!
&%19%11'&!%#.#(!&!(+!./(+2+!+-!'!9*)!.0!+-!'eQ!Q.22('!'&'(+%.#4!S:!)%#.(%#)!+-.'!23*%91!
#&!#. +!+\$%#)!*#:#9*17('1!>-*+1.!'(;!+-%1!.)*#%U*+%#.#!#&!*33!.0!%+!1'9'96'(1*('!+33%#)!+-'(!
+-3+'1!#&!+-!>.3&!+-*+!+-'(!/7+*+%#.!%1!9.('!%9/.(+*#++!+-*#!+-!'!/'(%#2'1!*#&!+(*79*!
+-*+!+-!>.9#!>-.!3*:#7#&'(!+-'9!-*;!).'!+-.(7)-4!W%1*S*(%&!/%2+7('&!*6.:'!(1%)#&!*1!
5CQW!2.99%11%#.'(!*0+'(!+-!'J*73!f%3'!*2271*+%#.#1!7#2.:'(!&+-*+!1-'!\$#>!.0!-%1!
9%12.#&72+!67+!>.73&!#. +!+*\$!'*#:#2+%#.#!6'2*71!+-!'!%#;'1+%)*+%#.#!>*1!23.1'&!Om'++%#(P4!<0!*33
'./3!'!>.9*#11-.73&!7#&'(1+*#&+-!1%+7*+%#.#!+-*+!+-'1!1.22'(!/3*:'(1!-*;'!0*2'&!#&!6!
9.('!%#23%#&!+!'(*2+!>%+!9*17('1,!'(+-'(!+-*#3*;%#)!+-*+!*671'(!%#!-%1!/.1%+%#.#!0!/>.(4!"#!
*&&%+%#.#!+!.1.22'(!eQ?!Q>%99%#)!-*1!-*&!#79'(.71!*33')*+%#.#1!17(0*2'!)*%#1!+-'(!2.*2-'!
.:('!+-:!'(1,!'!;#&*+%#)!6*2\$!+.#_cd4!X'6(*!m(.\$;.#.>!]d!:'(1!.3&!,!>*1!d],*1!1"#!%#!
+-!'/-.)(*!/-,!>-'#!-'(!1>%9!2.*2-'!1'7*33:!*671'&-'(!*#&!1-'!1+*+!1!+-*+!-'(!B1'7*3!*671!
>*1!d[[r!/'(;#*63'G!*#&-'(!B3%0'!+(*L'2+.(!>.73&!*-'!6"#&(*1+%2*33:!*%00'(#+!%0!eQ?!
Q>%99%#)!&%&!#. +!-*;'!*!273+7('!+-*+!#*63'&!2.*2-'!+!.!1'7*33:!*671!+-'(!*+-3+'1G!
Om%*96*3;.P!OX'6(*!m(.\$;P4!m(.\$;!H7%+!+-'1!/(+!*+!d]!6'2*71!-'(!2.*2-,!>-.1!).*3!
1-.73&!*-'!6"#!+!.!-3!-'(!*2-%;'!-'(!-%)-'1+!/.+#+%*3,!6(\$!-'(!/.+#+%*3!6:1!1'7*33:!
671%#)!-'(4!eQ?!Q>%99%#)!%#.(!&!#:#*#&!*33!23*%91!.0!*671',!#.!9*++'(!->!.:7#),!6'2*71!
+-:!'0'3+!+-'(!/763%2%+;!>*1!9.('!%9/.(+*#++!+-*#!*671'4!K-'1'1!/(+1!.)*#%U*+%#.#1!*('!L71+!*1!

(!/.#1%63!0.(!+-!*671!*1!+-!/'/'(+*(!%1!6'2*71!+-!*(!#*63%#)!%+!*#&!*33.>%#)!%+!+!
2.#+%#7'4!

`7(+-(9.(!,!%0!*!2.9/3*%#+!&.'1!)'+!*2\$#.>3'&)'&!6:!*1!/.(+1!.)*#%U*+%.#,!%+!%1!717*33:!
-*#&'&!;(!+!*#!%#;'1+%)*+.(!>-.!0.33.>1!7!/.#!+-!2*1!*#&!#17('1!+-*+!+-!#2'11*(!*2+%.#!
%1!+*\$'#4!K-'!E'#+'(!0.(!Q*0'Q/.(+!>*1*#!.)*#%U*+%.#!2(*+'&!%#!Y[dZ!+!.2.#0.(#+!1'!7*3!*671!
%#!1!/.(+1!%#!+-!e#%+'&!Q*+'14!C-%3!%+!%1!2.#+%#7%#)!+!*2\$3!?'9(%2*81!1!/.(+1!*671!%117
1+(7))3%#)!+!.!&!.1.4!Q*0'Q/.(+!>*1!%9/3'9#+'&!6:!*+!-!e#%+'&!Q*+'1!<3:9/%2!*#&!J*(3:9/%2!
E.99%+!*#!*#&!%+!12-%'0!'!27+%;!Q*(-!D%(1-3*#&!*&9%+1,!B.7(!.)*#%U*+%.#!h!>-%2-%1!O*P!*#
7#07#&'&!9*#&+'!*#&!O6P!*!(3*+%;'3:119*33!.)*#%U*+%.#!h!*1!*9*#&+'!0.(!+-!%#;'1+%)*+%.#,!
(!/.#1,!('1.37+%.#!*#&!*&L7&%2*+%.#!0.(!1'!7*3!*671!*33)*+%.#!1!*2(.11!*!/.73*+%.#!0!Y[!
9%33%.#!:.7#)!*+-3+'1i+-%1!%1!*#17#171+*%#*63!/(.9%1'G!OR*1'P4!Q*0'Q/.(+!%1!0.(2'&!+!./%2\$!
7!+-!113*2\$!+-*+!+-!%#&%#;%&7*3!1!.(+1!.)*#%U*+%.#!1*(!3*;%#)!6'-%#&!#&!%1!73+%9*+'3:!*#!
2.#+(.3!0!*#!*#&!*33!%#;'1+%)*+%.#!1!0.(!33!1!/.(+1!%#!?9(%2*4!?!1%#)3!!.)*#%U*+%.#!2*##.+!
-*#&3!*33!+-!#2'11*(!1+!/1!%#;.3;'&!>-%!%+!2.9'1!+!.1'!7*3!*671!%#!1!/.(+1!6:!*+!-!91'3;'14!



S'2*71!Q*0'Q/.(+!&.'1!#.+!-;*!'!+-!2.9/3+'11'+!0!
(!1.7(2'1,!*+-3+'1*(!-;%#)!+!>*%+!0.(!2+%.#!+!.6!
+*\$#!*#&!*671'(1*(!>*3\$%#)!0("4!=';#!
%#;'1+%)*+%)!)(.7/1!+-*+!*(!>'33N07#&'&!#&!
0'&'(*33:1!7!/(+&!*(!%#&'H7*+'!%#!17!/(+%#)!
+-3+'1!#&!+-!%(!1'!7*3!*671!2*1'14!K-'!'&'(*3!
S7(*7!0.(!#;'1+%)*+%.#!>*1!(!1/.#1%63!0.(!+*\$%#)!
1+*+'9#+'1!%#!Y[d]!0(.9!):9#*1+1!+-*+!-*&'!#!*671'&!6:!
W*((!5*11*(!*#&!71%#)!+-'9!0.(!+-!%(!%#;'1+%)*+%.#4!

+-3+'1!1700'(!0(.94!?33!.0!+-'1!2.#&%+%.#1!-';!!1%)#%0%2*#+!00'2+!.#!+-!'(9*%#&'(!.0!+-!
+-3+'18!3%;'1!#&!*00'2+!+-'!(/!(1.#*3!('3*+%.#1-%/14!5!/(1.#!1-.73&!-';!+!.!/'(%#2!+-%1!
/1:2-.3.)%2*3!00'2+!.#!+-'!(3%0!'*33!6'2*71!'!+-':!>'(!*671'&!6:!*#.+-'(!/(1.#4!

Q!7*3!*671!.0+'#1!91!3%\$!%+!2*##.+!6!'!+*2\$3'&!%#!.#!1!>"/4!"+(7#1!+-(.7)-.7+!
973+%/3'!.()*#%U*+%.#1!*#&!2.((7+!.00%2%*31!*#&!2.*2-'1*(!%#)(%#%&!%#!+-'94!D.>!2.73&
/!.3!/.11%63!:2.9!7!/>%+-'!1.37+%.#!>-'!+-'1!.)*#%U*+%.#1*(!!%#+'(+>%#&!>%+-'!&'2'%+F!
K-'!#3:!/!.11%63!>*:!1!91!+.!6!'!+.!B67(#!%+!*33!&.>#G!*1!R')*#f*/%#.'!*!e#%+&!Q+*+'1!
>.9#81!1.22'(!/3*:'(!1*%&!%#!('1/.#1!'+.!'!/(.+2+%.#!0!J*73!f%3':!6:!*#!5CQW!+'*9!
Of*/%#.'P4!'+!0%(1+!)3*#2',!+-%1!1"91!(%&%273.71V!-.>';(,;!%.3#'+3:!'&%19*#+3%#)!+-'1!1:1+91!.0
2.((7+%.#!*#&!*671!*#&!1+*(+%#)!0(.9!+-'!)(.7#&!7!/&.'1!#.+!1"9!3%\$!#!6*%&!%*4!
f*3%1+%2*33:;!&'2.#1+(72+%#)!*2-.0!+-'1!1!/(.+1!.)*#%U*+%.#1!9*#1!*/*71!%#!..7+-!*#&!
/(.0'11%.#*3!1!/(.+1,!2.#&72+%#)!*!+-.(.7)-!%#;'1+%)*+%.#!#!';(:!1%#)3'!.()*#%U*+%.#!#&!%+1!
1+*00,!*#&!*>-.3!#>!1+!.0!/.3%2%'14!?!972-!3'11!&(*9*+%2!2-*#)!2.73&!6!/.11%63!*22.(&%#)!
+!.E*#*%*#('1*(2-'1!*#&!X.2+.(1!Q:3;%!J*('#+!*#&!m7:3*%#!X'9'(1!>-.!/(.1!'+-*+,!
B`%(1+,!+-'!/(.2'&7('1!0.(!('2(7%+%#)!2.*2-'1!*#&!;.37#+"(1!1-.73&!6!1:1+9*+%1'&!*#&!
0.(9*3%1'&4!Q'2.#&,!+-'(!%1!*!#''&!0.(!+(%#%#),!%#0.(9*+%.#!&%11'9%#*+%.#!#&!*>*(#'11s
(*%1%#),!*#&!23*(!('73'1!*#&!/(.2'&7('1!('3*+'&!+.!6'-*;%.7(!9*#*)'9#+!#''&!+.!6!'3*%&!
&.>#i4J.3%2%'1,!&%12%/3%#*(!'9*17('1!*#&!2.9/3*%#+!/(.2'&7('1!#''&!+.!6!'1+*63%1-'&!%#!3.2*3!
.()*#%1*+%.#1!*1!>'33!*1!%#!#*+%.#*3!.(!/(.%;#2%*3!0'&'(+%.#1G!OJ*('#+P4!K-%1!*/(.*2-!2.73&!

.>#'(1-%/!*#&!9.#:!*+*+!+-'!*(!/7++%#)!+!+-'!+*9!-*1!+-!/.+'#+%*3!+!-';!*!3.+!0!/.>'(!

>-'#!%+!2.9'1!+!+-!9*#*)'9'#+!&'2%1%.#1!0.(!+-'%(!+'*9!*#&!*!1/.(+1!.)*#%U*+%.#!9*!6!

9.(!>%33%#)!+!2.9/3:4!K-'1!1%9/3!9'*17('1!>.73&!6!'#.7)-!+!/(.+2+!7(!0'9*3!*+-3+'14!

)(.\$:\%9*)|c]*0_6c'N*6ZYNdd'*N*k_kNd0[Z*]Z&Y[[k4--+934!?22'11'&!dk!X'24!

Y[Yd4!

X'9'(1,!m7:3*%#',!*#&!Q:3;%!J*('#+4!P-</)8\$D;/(-\$V#-@-+%"+\$!"0-8\$3"#P5"#%(\$H#*4!U)%"+(

a8");8\$P5"#%(\$`-@-8"5,-+%,!3.6*31/.(+1&';3./9'#+4.())\>/N

2.#+'#+\7/3.*&1\Y[dk\[k\Q'I7*3N?671'NJ(';#+%#NR.&'3N0.(NQ/.(+1N<())1Nd4/#)4!

?22'11'&!dk!X'24!Y[Yd4!

W.'6,!Q*734!<3:9/%2!):9#*1+!Q%9.#!S%3'1,!0(.9!3'0+!,!<3:9/%2!):9#*1+!R2@*:3*R*(.#!:,!
<3:9/%2!):9#*1+!?3:!f*%19*#,!*#&!E.33')%*+!):9#*1+!R*)%#!5*2-.31!*((%;!0.(!*
Q'#*+!A7&%2%*(;!E.99%+++'!-'*(%6*4!(,!d]!Q'/+4!Y[Yd,!>>>4*I%.142.9\92\$*:3*N
9*(.#!:N06%N3*((:N#*11*(N*671'N1'#*+N&22&Z'06Nc_'^Nk02[N_'aaN'2^^k2^Za_[4-+934!
?22'11'&!dk!X'24!Y[Yd4!
R*'1',!f%2\$4!oeQ<E!E-%'0T!Q!!?671'!J(';#+%.#!E'#+(!e#171+*%#*63'4o!C&-\$:)(&+*%"+\$V"(%,!
Yk!R*:!Y[d_4!OSPBH&"(%,!1*(2-N'612.-.1+N2.94>'1+;*33':4%&94.2324.())3.)%#4*1/IF!
&%('2+t+(7'u&6t#]-u?5t>*/.4^]6cZ6kkNZ&*]Ndd'_N*]6aNak0a'&0da]d'u1%+t'-.1+N
3%;'4!?22'11'&!dd!X'24!Y[Yd4!
5CQW4!'+6*33'(1!/71'!/3*!:+.!3%#\$!(91!%#!1.3%&*(%+;!0.33.>%#)!1'17*3!*671'!*66B\$%.#14!
K-1(,!^!<2+4!Y[Yd,!>>>4*624#+4*7'#>1\Y[YdNd[N[Z#>13N71N0'9*3'N0..+6*33'(1N/*71'N
)'9'1N/(.+1+%#)N*671'N23*%91\d[[]Y[^YY4!?22'11'&!dk!X'24!Y[Yd4!
J*('#+,!Q:3;%',!*#&!m7:3*%#!X'9'(14!oQ'17*3!*671'!%#!1/.(+T!*!9.&'3!+.!/'#;#*#&!/(.+2+!
+-3'+14o!B&'80\$D;/(-\$_-@'-1,!,;34!Y[,!#.4!Y,!R(4N?/(4!Y[dd,!//4!dY[Naa4!OSPBH&"(%,!
>'6 N1N'612.-.1+N2.94>'1+;*33':4%&94.2324.())'\-.1+\&+*%3\&+*%3F;%&tcu1%&t6]*_6*]k
_Zd^Nk]k6Nc&'aN]_62^*dY[2&Yrk[('&%1u6&*+*tA#5/&me_xC-;2ay!

C&'(\$5)5-#\$1)(\$1#'%%-\$'+\$,6\$3#(%\$(-,-(%-#)\$)%\$:-(%\$N)88-6.\$3"#`#9\$P%-@-+("?(\$O+*8'(&\$cD
=%\$(-,-0\$'+4#-0';86\$0)/+%'+*\$)%\$3#(%\$%"\$;-\$*'@-+)\$+\$'5-+\$5#',5%\$3"#\$,6\$3'+)8\$#-(-)#4&\$5)5-#
;/%\$=\$1)(\$8("\$-4(%))%4\$%"\$*-%\$%"\$4&""(-\$-<)4%86\$1&)%\$=\$1#"%-\$);"/%9\$=%\$-+0-0\$/5\$;-'+*\$(/
-)(6\$3"#\$,-\$%"\$0-4'0-\$"+\$)%\$'5'4\$"+4-\$=\$)4%/886\$()%)\$0"1+\$)+0\$%&"/*&%)";"/%\$'%9\$=?,\$(%/06'
-+*'+--#'+*\$1'%&\$%&-\$'+%+%"+"\$3\$*"+*\$'+%"%&-\$)-#"5)4-\$'+0/(%#6.\$)+0\$&)@-\$1)+%-0\$%"\$0"
('+4-\$%&-\$3"/#%&\$*#)0-9\$P". \$+--08-((%"\$)6.\$%&-\$4",,-#4')8'U)%'"+"\$3%&-\$)-#"5)4-\$'+0/(%#6\$'
@-\$6\$',5"#%) +%\$%"\$5'4\$%"\$,-9\$S-4)/(-\$'3\$,6\$'+@-(%,+%"\$'+%&-\$3'-80.\$=\$3'/+0\$%&'(\$%"\$;-\$
(',8%)+"/(86\$"+-\$'3%&-\$)-('-(%)\$)+0\$,"(%\$0'33'4/8%\$5)5-#(\$=?@-\$-@-#1#'%%+9\$=\$1)(\$8("\$8/
-+/*&\$%"\$&)@-\$)\$3),86\$3#'+0\$'+%&-\$)-#"5)4-\$'+0/(%#6\$#-)0\$"@-#%&-\$5)5-#)+0\$(/**-(%\$
#-@'("+(%"\$&-\$85\$(%#-+*%&-+)\$)+0\$3/#%&-#%&-\$)44/#)46\$"3\$,6\$)#*/,-+% (9\$=3\$1#'%'+*\$%&'(\$5
0"+-\$)+6%&+*.\$%Y(\$),0-\$,-\$,"#-\$/5(-%\$1'%&\$%&-\$4",,-#4')8\$%#)F-4%"#6\$'3%&-\$)-#"5)4-\$'+0/(%
)+0\$)+*\$6\$)%\$%&-\$;88""+)'#-(%)\$%&-\$3"#-3#" +%\$'3%&'(\$)0@)+4-,+-%9\$

The Dangerous Implications of Commercial Aerospace

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<#!?/(%3!dY,!d_^d,!b7(%!m*)*(%#!9*&!-%1+.(!*1!+-!0%(1+!9*#!%#!1/*2'4!K-!f711%*#!2.19.*#7+!
2.9/3+'&!*!1%#)3!.(6%+!0!=*(+!-!6.*(&!n.1+.\$!d,!(*2-%#)!*#!3+%+7&!*(.7#&!Y[Y!9%3'1!*6.;!
+-!*(+81!17(0*2'4!R.(!%9/(!11%;'3;.!m*)*(%#81!-%1+.(%2!1/*2'03%)-+!.227((!&!L71+!)c!:(!1*0+(!
+-!0%(1+!1722'11073!*%(/3*#!03%)-+!6!6(.+-!(1<(.;%33!*#&!C%367(!C(%)-+!#!X'2'96'(!dZ,!
d_[a4!Q-.(+3!*0+(!+-!n.1+.\$!d!03%)-+!j!c!:(!4!6!'!2+j!9'(%2*#!1+(.#*7+!5'%3!
?(91+(.#)!6'2*9!+-!0%(1+!9*#!.#!+-!9..#4!K-!*(.1/*2!%#&71+(!-!16"#)!(>%#)!*+*#!
%#2(*1%#)3:(!/*%&!/*2',!>%+!+-!1+*63%1-9#+!.0!+-!!"#+'(#*+%.#*3!Q/*2!Q+*+%.#!%#!+-!3*+!Y!
2#*7(;!*#&!%+!12.#+%#7.71!.227/*+%.#!1%#2'5.;'96'(!.0!Y[[[4!C%+-!+-!27((#*+!&%(2+%.#!0!
)(>+-.!%+81!#!117/(%1!+-*+!6%33%.#*%(!1!-;!'6')7#!+-!%(!>#!1/*2'0*(%#)!;#*7('1,-./%#)!+!
71-'(!%#!#>!(*!0!)*3*2+%2!+.7(%194!D.>';(!,27((#*+!#&*;.7(1!(*!#3!1'(;%#)!#.#&*#)!(
6.-!-79*#!*#&!#;%(#9#*+*3!-!3+-;,>%3!07(+-(%#)!+-!!&%1+*#2!6'+>'#!+-!76'(!%2-!*#&!
+-!./73*2'4!

1';#!2%;%3%*#14!4!- *&/%&!+.!03:#!1/*2'4G!Q%#2!b7(%!m*)*(%#!6'2*9!+-!0%(1+!9*#!%#!1/*2
1%|+!:!* (1!*) ., !L71+!.;!(!^[[!/. /3!- *; !6"#!*63!+ .!&. !+-!1*9!Of.73'++'P4!` .(!9*#.;!+-%1!
./.(+7#%+:-*1!.#3:!6"#!*2-%';&!+-(.7)-!:* (1!.0!-*(&!>.(\$!*#&!+(%#%#)4!S7+!0.(1*3'2+0'> ,!
%+!>*1!*1!*1:!*1!67:%#)!*!+%2\$'+!*#&!2.9/3'+%#)!+-!'9()'#2:!(+%#%#)4!X'##%1!K%+.,!+-!0%(1+!
1/*2'+.7(%1+ ,!B('/.(+'&3:!/ *%&!}Y[!9%33%.#G!0.(!-%1!cN&*:!(%/!+ .!+-!"QQ!%#!Y[[d!OE-.>P4!Y!
:* (1!3*+'(,!.#!+%2\$'+!0.(!+-*+!1*9!cN&*:!1/*2!; *2*+%.#!&(*>1*!/(%2!'+*)!7/>*(&!0!}]])!
9%33%Q#40*(, !+-('!9#! -*;!/7(2-*1'&!+%2\$'+1!+- *%#3 *1!

+-'!/.+#+%*3!0.(!&%1*1+'(!,%+81!&%12.#2'(+%#)!+*+!S'U.1!>.73&!1+%33!2-..1!+!(7#!-%1!2.9/*#:#!%#
+-%1!9*##'(4!e#&'(!+-'!B?6.7+!S37'G!1'2+%.#!0!+-'!S37'!<(%)%#!>'61%+',!+-'!29*%94!*+!

+-'!*(',!B2.99%++'&!+!.!67%3&%#)!*(.*&!+!.1/*2'!1!.!7(!2-%3&'(#!2*#!67%3&!+-'!07+7('4G!Q%9%3*(3.,
+-'!B9%11%.#G!/*)!0!+-'!Q/*2'!{!>'61%+'!6')%#1!>%+-'!H7.+!0(.9!R71\$!-%91'30T!

b.7!>*#++.>*\$!7/! %#!'!9.(#%#)!*#&!+-%#\$!+-'!07+7(!!P%#)!+.!6'!)('*+!N *#&!+-*+81!

>-*+!6'%#)!*!1/*2'0*(%#)!2%;%3%U*+%.#!%1!*33!*6.7+4!"+81!*6.7+!6'3%;%#)!%#!+-'!07+7(!*#
+-%#\$%#)!+-*+!+-'!07+7(!>%33!6'!6'++'(!+*#!+-'!/*1+4!?'&#!"2*#8!+-%#\$!0!*#:+-%#)!9.(!

'!2%+%#)!+*#!).%#)!7+!+-'(!*#&!6'%#)!*9.#)!+-'!1+*(14!

S.+-'9#!&!12(%6!*!1%9%3*(!;%1%.#!+!.!&;'3./!/*2'!+(*;'3!0.(!+-'!07+7('!67+!R71\$!0*%31!

+!.1/2%0!>-*+!'!%#+'#&!1+!.!71!'!%+!0.(4!7(+-'(!&.>#!+-'!B?6.7+!S37'G!/*)',!S'U.1!1-*(!1!-%1!

&'91!0!1*;%#)!+-'!*(+!-!6!:9.;%#)!6.+-'!/.!3!*#&!.!337+%.#!%#+.!1/*2'4!?'+!0%(1+!)3*#2',!%+!

>.73&!/*/*(!+*+!S'U.1!%1!+*\$%#)!+-'!0%(1+!1+!/1!+>*(&!-%1!&'9!0(.9!>%+-%#!S37'!<(%)%#!

%+1'36!+-'!/*)!+*+!*&'(+%1'1!+-'K-1\$P&-5)#0\$2\$'+,-'!2.9/*#:/(.7&3!6.*1+1!+*+!,!B+-'!

.#3!:6:/(&.72+!0!5'>! Q-/'(&81!#)%#!2.9671+%.#1!+-'!/*7(! >%+#!2*(6.#!9%11%.#14G!

?1!>.#&'(0733!2.N0(%#&3!*1+-'!S37'!<(%)%#1!>'61%+'!9*\$'1!%+!1.7#&,!+-'!(*3%+!:!0!%+!%1!

1%)#%0%2*#+3!:3'11!)3*9.(.714!

A'00!S'U.1!3*7#2-!&!-%91'30!+!.!+-'!&'!0!1/*2'!.#!A73!:Y[,!Y[Yd,!%#!+-'!;(:!1*9!

(.2\$'+!+*+!973+%/3!S37'!<(%)%#!'9/3..!1!-*;!&'9&7#1*0!O?6(*91!'!+!34P4!?'0+!(!-%1!

1722'11073!3*#&%#),!+-'!2.9/*#:-*1!2.#+%#7'&!+!.!6.*1+!%+!1!2*(6.#N0('!3*7#2-,!67+!#')3'2+!&!+!.!

&&'!11!+-'!+-'(!/.!337+#+1!+*+!+-'!3*7#2-!&%12-*)'&4!E(:.)#%2!(.2\$'+!#)%#1!,!3%\$'+-.1!

&;'3./&6!:S37'!<(%)%#,!/(%9*(%3!:9%+!>*+(!/*7(!*1!*!(*2+%.#!/(.&72+!0!3%#H7%&!.)#!

#&!-:&(!)#4!C-%3!+-%1!%1!#!%9/(:;'9#+!.#!+-'!1+*#&'(&\$'(.1#!(.2\$'+!07'3!%#!+!'91!0!

2*(6.#!9%11%.#1!,!+-'!1!-:/().3%2!07'31!*('!0*(!0(.9!-*(93'114!?'9.#)!+-'!+-'!(!9%11%.#1!,!S37'!

<(%)%#81!3*7#2-1!('3*1!>*+'(!;* /.7(!%#+.!+-!7//(!*+9.1/-('!,!>-%2-!*1!6'2.9!*!2.#2'(#!
0.(!+-!'!>*(9%#)!'00'2+1!%+!9*!:-*;'!.#!+-!'23%9*+'46Q?!K<X?b! *(+%23!/763%1-'&!%)--+!&*:1!
*0+'(S'U.18!3*7#2-!*&&'11'&!.#3%#!(79.7(1!(')*(&%#)!--!2*(6.#!9%11%.#%18!7#2-4!K-!
(79.7(1!>'(!7#'H7%;.2*33!0*31',!#';(+-'3'11,!+-!'*(+%23!>#+!.#!+.!1-*(!%#0.(9*+%.#!
(!)*(&%#)!--!/.+#+%*3!23%9*+'!00'2+1!.0!S'U.1!3*7#2-4!?1!%+!+7(#1!.7+,!B=3.%1!R*(%1,!#!*%(!
/.337+%.#!('1*(2-'(!+!+-!e#%;!(1%+;!E.33)!W.#&.#,G!-*&!/(;%.713:!('*2-'&!7+!.!+-!

71!0(.9!7(!=* (+-3:!/ (.63'914!K-!:!23*%9!+!-!+!+!1.37+%.#!+!+!+!23%9*+!2(%1%1,!67+!1.!0*(!
-!;*!0*33#1!-.(+!%#)!/(.:%&%#)!*#;!23*(!&%('2+%.#4!?!1!+-%1!1/*2!(*2!2.#+%#7'1,!%+81!6'2.9%#)!
9.(!/*/*('#+!
)(>+!
'12*!/'0(.9!+!&:%#)!/3*#'+!
+-!1!+!
&"/1+!/2\$+14!K-!2.99'(2%*3%1*+%.#!0!*(.1/*2*!+!
6!#.+-%#)!9.(!+!
&*9*)!*1!/11%63!*3.#)!+!

C.(\$!E%+'&!

?6(*91,!?3!i*#&(*4!BS'U.1!C*#+1+.E(*+!*!S'++'(!7+7(!%#Q/*2'4D%E!9/*#:S37!<(%)%#!
"1!Q+72\$!%#)!*K.!%2!J*1+4G!X'"+-((.\$a[!Q'/+4!Y[Yd,!>>>43%.#1142.V.1+!6'U.1N>*#+1N
+N2(*+'N*N6'++'(N07+7('N%#N1/*2'N-%1N2.9/*#:N637'N.(!%)%#N%1N1+72\$N%#N*N+.!%2!
?22'11'&!d]!X'24!Y[Yd4!

S"(1,!IX*;%&4!BQ'33%#)!+!
//4k[NkZ,!U/(.l:4>'1+;*33':4%&94.2324.())\3.)%#F7(3t-++/1T\1*(2-4'612.-.1+42.9!
\3.)%#4*1/IF&%('2+t+(7'u&6t73-u?5tdkZd^dkau1%+t'-.1+N3%22'11'&!d]!X'24!
Y[Yd4!

S8/-H#*'+.\$S37!<(%)%#F!N!Q-!/*(&!>>>4637'.(%)%#42.9#>N1-!/*(&!4!22'11'&!d]!X'24!
Y[Yd4!

B?!S(%'0!D%1+.(!0!Q/*2'!=l/3.(+%.#4G!D-#"5)4-.\$d!A7#!Y[dc,!*(.1/*2'4.())*(+%23!N6(%'0
-%1+.(N1/*2'N!l/3.(+%.#22'11'&!d]!X'24!Y[Yd4!

E-.,!X'#%1'4!BQ/*2'!{!9*\$'1!-%1+.(!>+%+0%(1+!*33N2%;%3%*#1/*2SB\$K-146)!Q'/+4!

Y[Yd,!>>>4#62#'>142. 9\12%'#2'\1/*2'\1/*2' IN9*\$'1N-%1+. (:NO%(1+N2%;%3%*#N1/*2'03%)-+!

N(2#*Y[YZ4!?22'11'&!d]!X'24!Y[Yd4!

`*7U%*,!R%(%*94!B`*2+!E-'2\$T!A'00!S'U.18!5'>!Q-'/*(&! (.2\$'+!3*7#2-!&%+!'9%+!2*(6.#4G! dPD\$

C"0)6,!Yc!A73:!Y[Yd,!>>>471*+.&*:42. 9\1+. (: \#'>1\0*2+2-'2\$Y[Yd\[Z\Yc\0*2+N2-'2\$N

L'00N6'U.1N# '>N1-'/*(&N (.2\$'+N3*7#2-N&%&#N'9%+N2*(6.#\c[Za[kZ[[Y\4!?22'11'&!d]!

X'24!Y[Yd4!

R%#'+,!R*+-%3&'4BK-'!K'*2-'(!%#!Q/*2'!J(.L'2+4G!P5)4-\$X-*)8\$=((/-(,!dd!X'24!Y[Y[,!

>>>41/*2'3')*3%117'142. 9\+-'N+ '*2-'(N%#N1/*2'N/(.L'2+\4!?22'11'&!d]!X'24!Y[Yd4!

LITERARY ANALYSIS



=-\$#-)886\$-+F"6-0\$#-)O'+*\$a"+-\$a'#8\$3"\$#\$, 6\$48)((.;\$;/%\$=\$I)(\$/#5#'(-0\$)%\$, 6\$48)((,)%-(Y\$O'33-#-+%\$ '+-#5#-%)'"+(\$"3\$"+-\$"3\$&-,\$,)'+\$+)##)%"#(\$D, 69\$=\$&'2\$)88\$)+%)*"+'(%\$5#"'@'O-\$3"#\$'+-#-(%'+*\$ \$)+86('J\$%&-'#\$, "'%@)'"+(.\$;)42(%"'#'-(\$)+O\$%&-,\$, -%&"O(\$%"\$%&-'#\$,)O+-(9\$: "%&\$%&'(\$'+\$, '+O.\$=\$ I)(,\$,)O-\$&65-#\$)I)#-\$"3\$&"I\$D, 6Y(\$5"(%"'"+\$)(\$)\$I",)+\$, '*&O-%#)4\$3#"\$, %&-\$O-5%&\$"3\$ \$)+86('(\$&-\$I"/8O\$"%&-\$I'(-\$#-4-'@-E\$(&-\$4"/8O\$;-\$-)('86\$; -'+*\$I#"%%-+\$"33\$)(\$; -'+*\$)+ "%&-\$ \$&6(%-#4)8\$ I",)+\$I&"\$'(\$F/(\$; -'+*.\$I-88.\$&6(%-#4)89\$

: &-+\$"/#48)((\$I)(\$'+%#O/4-O\$%"\$%&-\$5"((';8-\$5#"\$, 5%(\$3"#\$/#3'+)8.\$=\$2+-I\$=\$&)O\$%"\$4-+-%-#\$, 6\$ 5'-4-\$)#" /+O\$D, 6E\$=\$I)+%-O\$%"\$,)2-\$, 6\$'+-#5#-%)'"+\$"3\$&-#4&#)4%-#4"+4#-#-\$)+O\$F/(\$'36\$%&)%\$ (&-\$I)(\$)\$@'88)'+\$I&"\$O-(-#@-O\$5#"5-#\$)+86('(\$)\$I-889\$=%I)(\$4&)88-+*'+*\$%"\$3'+O\$%&-\$4"##-4%\$;)8)+4-\$;-%I--+\$/+O-#(%)'+O'+*\$&-#\$, "'%@)'"+(\$)+O\$#-; /2'+*\$%&-#\$/4", -(\$-(\$-4')886\$3"#\$(/4&\$)\$8)6-#-0.\$O-%)'8-O.\$)+O\$#-)8'(%'4\$4&#)4%-#9\$=\$&"5-\$, 6\$5'-4-\$&-85(\$'+%#O/4-\$+-I\$ I)6(\$%"\$ /+O-#(%)'+O\$; "%&\$D, 6\$O88""%\$ ` /++\$)+O\$%&-\$I"#8O\$%&#"/*&\$)3-,)8-\$5-#(5-4'@-9\$

Amy: The Dancing Monkey

!9, ', % 0 /5/? ,!

C%+-#%#!+- '!- '*+'&!('*39!.0!9 .&'(#!&'6*+',!+- '!2.#2' /+!.0!) '#&'(!#1!176L'2+!+.!2.#1+*#+!

%#+'(.) *+% .#4!m'#&'(!+-'.(%1+1!-*;',!*#&!2.#+%#7'!+,!&'3%6'(*+'!.;'(!>-*+!&'0%# '1!*!) '#&'(!*#&! >-*+!+- '!2.9/731.(:(.3'!10*1+'#&'!+.!1*%&!) '#&'(!%9/3!:0.(!+- .1'!>-.!%&'#%#0!:>%+-!%+4!` '9%#%1+! +-'.(%1+1,!>-'#!0*2'&!>%+-!+- '1'!';.3;%#)!*#&!2.#0.7#&%#)!H7'1+% .#1,12'#+'(+- '9!1/'2%0%2*33:!

(.7#&!>.9#-..&T!C-*+!&.'1!%+!9 '*#1+.!6'!*>.9*#F!K.!/-%3.1./-'(!*#&!0'9%#%1+!+-'.(%1+!, J(.0'11.(!A7&%+-\$!S7+3'(!+- '!*#1>'(!#1!1%9/3'T!+.!6'!*>.9*#%1!+.!/'(0.(94!D'(!&'0%#%+.#!.0! >.9*#-..&!*#&!) '#&'(!%+1'30,!%1!%#1'/*(*63!:>. ; '#!>%+-!+- '!2.#1+*#+!7/\$' /!*#&!9*#%+ '#*#2'! .0!+- '!)'#&'(!(.3'!1!&'0%#&!6!:1.2%' +;.!*!#'; ('#&%#)!/'(0.(9*#2'!.0!+- '!/'&'0%#&'&(.3'!

B>.9*#4G!"#- '(!>.(\$1,!a-+O-#C#"/;8-\$*#&!S"O'-(S%&)%\$ I)%-#.\$# .+.#3: !&.'1!S7+3'(!'I/3.('! +-'!2.#0%# '1!.0!>.9*#-..&!7#&'(!*!/*+(*(-*3!1.2%' +;.!67+!*31.!3%0'!*3+'(%#)!%9/3%2*+.#1!.0!

> - . 1 '!7/6(%#)%#)!*#&!1+(7))3'1!*()7*63: !1-*/'!'-'(!,*1!1-!'/(. ;%&'1!-'(!. >#27+%)#)2. 9 9 '#+*(:!
.#!- .>!>. 9 '#!*&- '(!+ .!2. #+' 9 / .(*(:!)'#&'(!(.3'14!

? 9 : !=33% .+!X7##',!*1!> ' !0%(1+!\$# .>!-'(!,' I%1+1!*1!#%#2(' &%63: !+(. 763'&!>. 9 *#,*!*('173+!
.0!-'(!&*%3: !+(%*31!*#&!+(%673*+% .#1!*1!> '33!*1!+- '7#%H7'!1+(7))3'1!)(*#+'&!+ .!-'(!1.3'3: !6'2*71'!.0!
-'(!>. 9 *#- . .&!5 .+! .#3: !%1!1- '!&' /%2+'&!*1!1. 9 ' .# '!03.7#&'(%#),!7#*63' !+ .!2. /'!'>%+ -!'(!# '>!
/ .1%+% .#!*1!*R%11.7(%!- .71'>%0',!67+!-'(!##'(9 .1+!+- .7) -+1!('03'2+!*! ;%2% .71!6*+3'!*)%#1+!+- '!
/'(0'2+% .# ,!3*2\$! .0!/'(1. #- . .&!*#&/'(0. (9 *#2'!+- *+!&'0%# ' !0' 9 %##%#+: !7#&'(!!/*+(%*(2- *3!
1.2% '+: 4!K- '('*&'(81!%#%+%*3!% 9 /('11% .#!.0! ? 9 : ,!'+*63!1- '&!6: !-'(!&%*(:!' #+(% '1!*#&-' (!-716*#&!
5%2\$81!#')3'2+,!/(. ;%&'1!*!+(*)%2!*#&!1: 9 / *+ - '+%2!2-*(*2+'(!*!0. %3!+ .!5 %2\$81!2. #+##7'&!1/ .7+1!.0!
##(2%11%194!D'(!/ .1%+% .#!*1!*! ;%2+% 9! .0! ;'(6*3!*#&!/ - :1%2*3! ;% .3' #2',!*#!. 7+1%&'(!##!*!# '>!+ .># ,!
#&!>. 9 *# ,! / .(+* :!-'(!*1!2*33. 713: !2*7) -+!##' ;' (: !237+2-! .0!*!2(7'3!*#&!7#0. ()% ;%#)!>. (3&4!
D. >' ;'(!6: !+ -'!9 %&/ .%#+! .0!+- '# . ;'3,!> '\$# .>!+ - *+!- %! ? 9 : ,!##!9 %#&!1/(%+ ,!*#&!#*((*+% ;' ,!%1!
*!3% '4! ?!2. 9 /3'+ ' !0*6(2*+% .# ,!9 '+%273. 713: !2(*0+'&!0. (1+- '!'7(/ .1'!.0!%#2(% 9 %#*+%#) !-'(!2- '*+%#) !
-716*#&V!+- '! ? 9 : !> '!)('>!+ .!2*('!*#&!1: 9 / *+ - %U'!0. (!%1!'(*1'&!f' /3*2'&!>%+ -!+- '!(7'! ? 9 : ,!
.7(1!2. #&*(: !#*((*+ .(!*#&!2. 3&N63. .&'&! ;%33*%# '11, !+- '(!*&'(!0%#*33:!)'+1!+- '!)'#7##!- *30! .0!-'(!
1+ .(: ,!-'(!2- %3&- . .& ,!-'(!3*2\$! .0!6*1%2!' 9 / *+ - : ,!-'(!#*(2%11%19 ,!*#&!+- '! I+' 9 %+ :! .0!-'(!2+% .#14!
D'(!*22.7#+1!.0!0*9 %3: !3%0',!9 . ;%#)!1+*+ '1,!*#&'(3*+% .#1- %/1!2. 9 /3'+ '3: !2- *#)'!+ .# ,!67+! .# '!
/ .%#+! .0!2. #+ '#+% .# !1+%33!('9 *%#1!*#!*227(*+ ' !07'3!0. (!-'(!; % .3' #+!(*)'T!+- ' !1+(7))3'1!1- ' !0*2'&!*1!*!
('173+! .0!-'(!0' 9 %##%#+: 4! =I*2'(6*+ '&!6: !+ -'!-*(&1- %/1! .0!3%0' !*1!*!>. 9 *# ,! ? 9 : !6'2. 9 '1!*!
7#%H7' !*#&!2. 9 / '33%#) ! ;%33*%# !+- (.7) -!-'(!' I+' 9 '!('*2+% .#1!+ .!-'(!0. (2'&!2. #0%# '9 '#+!##!+- '!
('1+(%2+% ;' !6. I!> '!3*6'3!1!B0' 9 %##%#+: 4G!

K. !6')%#)!>%+ - ,! ? 9 : !=33% .+ ,!0(. 9!-'(!6%(+- ,!>*!3(*&: !2' 9 '#+'&!>%+ -!+- ' !1- *2\$3'1! .0!
> - *+!1. 9 ' !9 * : !%&' #+%0: !*1!+- ' !0' 9 *3' !1+(7))3'4!X7' !+ .!+- '!' I%1+'#2'!.0!B ? 9 *U%#)! ? 9 : G, !-'(!

/*('#+18!0%2+%.#*3!2-%3&('##l!6. . \$!2-*(*2+'(!*#&!17((.) *+'!1%1+'(!,!? 9 :!-*1!#';'(!3%; '&!>%+- .7+!+- '!
('3*+% ;%+ :!.0!- '(!0%2+%+% .71!2.7#+ '(/*(+4!K- '!('*&'(!H7%2\$3:!!''1!- .>!'#+*#)3'&!+- '!+> .!6'2*9 'V!

3.1%#),!+-(.7)-!+- '!': '1!.0!1.2%' +:;,!> -*!%1!.#'\110' 9%###+:4!W..\$%#)!6*2\$!*+! ? 9 :81!1%+7*+% .#,!
#. +!.#3: !&. '1!1- '- *; ' !+ .!&' *3!>%+ -!+- '!*3(' *% :!2(71-%#)!>'%) -+! .0!0' 9 *3!' / '(0'2+%.#.#!%+1!.># ,!
67+!1- '!%1!*31. !/7+!7#&'(!+- '!*&%+% .#*3!67(&'#!.0!6'%#)!*! / '(0'2+! ? 9 :4! ? 9 *U%#)! ? 9 :81!
'I%1+' #2'!2*#!6'!('2.)#%U' &!*1!.#'.!0!+- '!9*L.(!; %33*%#%U%#)!0*2+. (1!.0! ? 9 :81! : .7+-,!*#&! .#!
> -%2-!&(%; '1!- '(#!' &!+.!6'!- '(! .>#!1' />(*+'!#%+ :4! ?3+- .7) -!1+(%;%#)!0.(!%#&' / '#&' #2'!0(. 9!
> -*+!%1!'11' #+%*33: !- '(2*(%2*+7('!%1!# .+%#- '('#+3: !'; %3,12.7/3' &!>%+ -!- '(#!*(2%11%19!*#&!&' 1%('!0.(!
2.#+(.3, !+-%1!+(*79 *+%2!2-%3&- . .&!1' (; '1!*1!+- '!.(%)#%1+. (:!0.(!+- '!n%33*%# '11!+- *+! ? 9 :!%1! : '+!+.!
6'2.9'4!
"#!*%&%+% .#!+. !+-%1!*33N2. #179%#)!2*(%2*+7('!0(. 9!- '(! : .7+-,!0(. 9! ? 9 :81!+' 1+% 9 .# :! .#!
- .>!> . 9 '#!*('1.2%*3%U' &!%#!*!9 *3'N(7#1! .2%' +:;,!%+!%1!'; %&' #+!+- *+!1- '!'0' '31!' #+%('3: !1+(%/ / '&! .0!
- '(! / '(1.#- . .&!*!%#!*%73+! *1!> '334!'#!.#!'.0!+- '!9 .1+!2. #%2!9 .# .3.)7'1!.0!+- '!# .; '3,! ? 9 :!
6')%#!!>%+ -,!BR '#!%3> * :!1! * :!+- *+! *1!+- '!&'0%##)!2. 9 /3% 9 '#+,!&. #8+!+- ':F!Q- '81!*!2. .3!)%(3G!
0`3:##!YYYP4!Q- '71'1!+- '! / -(*1'!BE. .3!m%(3G!+.!3*6'3!+- '!> . 9 '#!> - .1'!%&' #+%+ :!' I%1+!1. #3: !%#!
2.#1+*#+('3*+% ;%+ :!+. !+- '!9 *3!' / '(0' (' #2'4!BS '%#)!+- '!'E. .3!m%(3!9 '*#1!'! *9!*!- .+,!6(%33*%#+,!07## :!
> . 9 *#!> - .!*&. ('!0. .+6*33,! / . \$'(!&%(+ :!L. \$'1,*#&!67(/%#) i !> -%3'!1. 9' - .>!9 *%#+%#%#)!*!
1%U'!Y,!6'2*71'!'E. .3!m%(31!*('1*6. ; '!*33!- .+,G!1- '!2. #+%#7'1,!&'12(%6%#)!*#!%& :33%2!> . 9 *#!1% 9 *3*(!
+ .! ? 9 *U%#)! ? 9 : ,!67+!0(. 9!#!&%00' (' #+! / '(1 / '2+%; '!0`3:##!YYYP4!C -%3'! ? 9 *U%#)! ? 9 :! / '(0. (9!1!
+- '! / '(0'2+!(.3'!.0!*!> . 9 *#!%#('3*+% .#!+. !0*9%3: !*#&!1.2%' +:;,!E. .3!m%(3! / '(0. (9!1!*1!+- '! / '(0'2+!
> . 9 *#!%#('3*+% .#!+. !*!9 *3!' / (*+#!(4! ? 9 : !*2\$#. >3'&)'1!+- %1! / '(0. (9 *#2'! *1!1. 9' +-%#)!+- *+!%1!
7 / -'3&!%#&! / (. / *) *+ '&!6: !> . 9 '#,!67+!+- *+!1+ '9!10(. 9!+- '!9 *3'!&'1%('V!1- '!# .+!1!- .>!> . 9 '#!
3*+2-!.#!+. !&%1+. (+ '&!%&' *31!.0!> . 9 *#- . .&!0(. 9!B4449 . ; %'1!> (%++ '#!6: !1.2%*33: !* >\$ >*(&!9'#!
> - .8&!3\$'!+. !6'3%'; ' !+- *+!+- %1!\$%#&! .0!> . 9 *#! I%1+!1!*#&!9%) -+!\$%11!+- '9G!0`3:##!YYYP4!C %+ -!+- %1,
? 9 :!%1! *+ (%67+%#)!+- '!> * ('&!&' / %2+%. #, !1.2%*3%U+% .# ,!*#&! / '(0. (9 *#2'!.0!> . 9 *#- . .&!+. !+- '!'

9 '#,!%#- '(!3%0'!>%+-!+-%1!/.3%1-'&!/'(1.#*4!K-%1!7#%H7'!1+(*%#!.0!;%33*%#:,!&'(%;'&!0(.9!+-'!;'(:!
(.3'1!9 '*#+!+.!%#1+%33!&.2%3%+:,!(+*#10.(9!1?9 :!%#+.!*!27##%#)!*#&!&'*&3;!0.(2'!.0!;'#)'*#2!
>-'#!+*(')'+%#)!- '(!-716*#&!,15%2\$!C%+-%*!2.9/3+'!3*2\$!.0!+(7'!%&'#+%+;.!?9 :81!1.2%./*+-!:-*1!
6'2.9 '!*!0'1+'(%#)!>.7#&,!)(.>%#)!>.(1'!*#&!9 .('!*//*('#+!>%+-!';'(:!1+'!/.0!-'(!/3*#!+.!
%#2(%9%#*+'!-'(!-716*#&!C - '#!&'12(%6%#)!-'(!'3*+% .#1-%!/!>%+-!5%2\$,!1-'!1+*+'1,!B5%2\$!3. ; '&!
9 '4!?!1!IN.!\$%#&!0!3.; 'T!D'!3.....; '&!9 '4!S7+!-'!&%#8+!3.; '9 ',!9 '4!5%2\$!3.; '&!*)%(3!>-!
&.'1#8+'!I%1+4!'"!>*1!/'+'#&%#),!+-'!>*:!"!.0+'#!&%&,!'/'+'#&%#)!+.-*; '!*!/'(1.#*3%+:G!0`3:##!
YYYYP4!D'(',!1-'!*&9%+1!+.!+-'!0*6(%2*+% .#!.0!+-'!?'9 :!+-*+!5%2\$,!-'(!0*9%3:,!*#&!+-'!>.(3&!2*9'!+.!
\$#.>!,67+!1%973+*#'.713:!*+((%67+'1!+-'!63*9'!.0!+-%1!12'##*(%!.!.!5%2\$,!0*73+%#)!-%9!0.(16'3%' ;%#)!
-'(!3%'4!K-%1!1!30N1*6.+*)%#)!6'-*;%.(!%1!*31.!*!+'1+*9'#+!+.!-'(!#*(2%11%19,!1- .>2*1%#)!-'(!

1+*+' 9 '#!%#!*#!%#+'(;%'>!>%+-!C&-\$K- I\$W"#2\$C', -(4!`3:##!-'(1'30!&'0%# '1! ? 9 :81!(.3!'*!#
'2'11*(:.0!(+- '!1*\$'!.0!0' 9 %##19,!) .%#)! .#!+ .!1+*+' ,!<0!2.7(1' ,!%#1!# .+!9%1.) :#%1+%24! C . 9 '#!
1- .73&##!+!6'!' I / '2+' &!+ .!.#3:!/3* :!#7(+7(%#),!\$%#&!2*('+'\$'(14!K- *#1!#3>* :!16' '#!/*(+!.0!9 :!) . *3!
h!+ .!1- .>!+- '!&*(\$!1%&'!.0!> . 9 '#!R '#!>(%+' !*6.7+!6* &!9 '#!#*33!+- '!+% 9 ',!*#&!+- ':!('12*33' &!
#+- '(. '1G!0C&-\$K- I\$W"#2\$C', -(P4!C %+-!+-%1!1++' 9 '#!+0(. 9!+- '!*7+- .(!#!9 %#& ,!%+!6'2. 9 '1!
23'*(!+-*+! ? 9 :81!(.3!'*!1!0' 9 *3'! ;%33*%#!1!*#!' 11 '#+%*3!*#&!%#1' /*(*63'!1/ '2+!0(. 9!+- '!1+ .(: ,!+- '!
/3. +!.0!> -%2-!%1!('3%*#+! .#!- '(0' 9 *3'!(*) '4!`3:##!&'0' #&!1? 9 :81!3%+' (*:(.3' ,!# .+!.#3:!*1*!
;%33*%# ,!67+!1!1!2- *(*2+' (!> - .1'!1+(7))3'1!#&!*2+ .#1!' I%1+1/ '2%0*2*33:!*1!*('*2+% .#!+ .!+- '!
./ / ('11% ; !'3%0'!1- '!- *1! '#&7('&!*1!*!> . 9 *#4!`3:##!& . '1!# .+!2. 9 '!%#&'0' #1'!.0!- '(*2+% .#1!*1*!
/ '(1. # ,!67+!(*+- '(+- '!# '2'11%+ :!.0!+- '! / '(1/ '2+% ; !.0!*!> . 9 *#*33. > '&!+ .!6'!' ;%3 ,!33. > '&!+ .!6'!
#)(: ,!#&!*('9 %#&' (!+- *+!0' 9 *3'!(*) '!%1!0. (2'!+ .!6'!('2\$. # '&!> %+-4!

? 9 :!=33% .+!X7##'!' I%1+1, !%#!+- '!3%+ '(*(:!> .(3& ,!*1*#!' #%) 9 *4!D' (!7/6(%#)%#),!2(7'3!
9%17#&'(1+ .& ,!*#&! .0+ '#! . ; (3. . \$' &!> - '#!11' 11%#)!- '(12- *(*2+' (, / (. ; %&' 1!*7#%H7'!
/ '(1/ '2+% ; !. #!- .>!1- '!6'2. 9 '1!+- '! (7+-3' 11! ; %33*%# ' 11!.0! a "+-\$ a '#84! = ; (:!> . 9 *#!- *1!0'3+!
? 9 :81!# ' &!+ .! '973*+!' / '(0'2+% .#!*#&!2. #0. (9 ,!67+!+- '! ; .3*+%3%+ :!.0!- '((*2+% .#1!1!> - *+!
1' /*(*+!1!*#&!&'0%# '1- '(4!D' (!%#+%*3!1+(7))3'1, / '(; *1% ; !%#!+- '!3%0'!.0!> . 9 '#!)3.6*33: ,!> *(/ !*#&!
0'1+ '(!%#+ .!- '(!%(. #23* &!*(9 . (!.0!&'2' %!#&! ; '#) ' *#2'4!K- '! ? 9 :!> !0%(1+!\$#>! ('67\$'1!+- '!%&'*!
+- *+!9 '#!1- .73&! / '(0. (9 ,! . (!1*2(%0%2'!+- ' 9'1'3 ; '1!0. (!+- '!> . 9 '#!%#!+- '%(13% ; '1, !&766%#)!+- '!0. .31!
> - .!&%&!1. !*1!X*#2%#)!R .#\$' :1M!- .> ; '(,!*1+-' !(*&' (! '*3%U' 1!+- '!+(7'!#*+7('!.0! ? 9 : ,!> '!
\$# .> !+- *+!+- '!* &9 .#%1- 9 '#!0. (!+- '1'!9 '#!1!# .+-%#)!67+!*#!' 9 /+ :!1 '#+% 9 '#+4!K- '('1'#+9 '#+!
? 9 :!- .3&1, !%1!+ .> *(&1!+- '!+(7'!X*#2%#)!R .#\$' : ,!- '(1'30, !*#&!+- '!> . 9 '#!> - .!*('10. (2' &!+ .!
&* > #!+- '%(! ; '(:! .> #!E . .3!m%(3!0*2* &' ,!&10%)7(%#)!+- '%(! / '(1. #*1!0. (!+- '!1*+%*+%. #! .0!+- '!9 *3'!
) *U'4! ? 9 :!=33% .+!X7##' ,!> %0' ,!&*7) -+' (,!*#&!\$%33' (,!6. (#!0(. 9!- '(17#>%33%#)! / *(+2% / *+% .#!%#!+- '!</p></div>

&*#2'!.0!>. 9*#- . .&,!(' 9*%#1!*#!*#*#*) . #1+!7#%H7'3:!('3%*#*+! . #!+- '1+(7))3'1!' I / '(% ' #2' &!
6'2*71'!.0!- '(!>. 9*#- . .&4!

C . (\$!E%+ ' &!

S72\$3' : ,!E*(*4!Bm . # ' !m%(31,! ` . 7#&4G!S / (' + - ((\$ = + (' * & % (J \$ a 8 " ;) 8 , ! K - I \$ W " # 2 \$ C ' , - (, ! Y a ! 5 . ; , 4!

Y[dk,!-++/1T\6%N)*3'N2. 94>'1+; *33':4%&94.2324.()\3.6*3*(+%23'\!

m?W= r ZE ? a_dd]YZkd\2]2kd^6]*Y'Z[k'k_]]c^2a*k__2d20_F7 t 1*(*dYdk[4!

S7+3' (, ! A 7 & % + - 4 ! a - + 0 - # \$ C # " / ; 8 - J \$! - , ' + ' (, \$) + O \$ % & - \$ P / ; @ - # (" + \$ " 3 \$ = 0 - + % % 6 9 \$ _ " / % 8 - 0 * - . \$

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!+5?;\$'%" ; , (1!

Q. 9 '> - ' (! # ! + - ! # %) - + ! \$: , ! + - ! / 3 * # ' + ! ! n ' # 7 1 ! * # & ! R * (! 1 2 % (2 3 ' ! * (. 7 # & ! + - ! ! 7 # 4 ! R * (! 1 ! ! * ! 0 ' (: ! (' & ! 6 * 3 3 , ! # * 9 ' & ! * 0 + ' (! + - ! f . 9 * # !) . & ! . 0 ! 6 * + 3 ' , ! 6 3 . . & ! - ' & , ! > * (0 * (' , ! * # & ! / . > ' (4 ! n ' # 7 1 h > - . ! 1 - % # ' ! 1 6 (%) - + ' 1 + ! * 9 . #) ! + - ! / 3 * # ' + ! h % ! ! # * 9 ' & ! * 0 + ' (! + - ! 6 (% 3 3 % * # + !) . & & ' 1 1 ! . 0 1 3 . ; ' ! * # & ! 6 ' * 7 + : 4 ! J 3 * # ' + ! ! * (' ! # . + ! + - ! ! . # 3 : ! (' / (' 1 ' # + * + % . # ! . 0 ! + - ' 1 ' ! 9 : + - . 3 .) % 2 * 3 ! 3 . ; ' (1 V ! + - ' % (! 1 + . (: ! % 1 ! 1 ! . ! 2 . 9 / ' 3 3 % #) ! + - * + ! 2 . 7 # + 3 ' 1 1 ! / ' . / 3 ' ! - * ; ' ! 2 * / + 7 (' & ! + - ' % (! + * 3 ' 4 ! < # ' ! 0 * 9 . 7 1 ! (' / (' 1 ' # + * + % . # ! % 1 ! + - ! ! d k c [1 ! / * % # + # #) ! 6 : ! ` 3 . (' # + # # ' ! * (+ % 1 + ! Q * # & (. ! S . + + % 2 ' 3 3 % , ! + % 3 ' & ! N - + / (\$) + O \$ I) # (4 ! ? 0 + ' (! 9 * # : ! * (+ ! 2 (% + 2 1 ! . 0 0 ' (' & ! + - ' % (! # # + ' (/ (' + * + % . # ! . 0 ! - % 1 ! 9 ' 1 1 *) ' , ! f * 2 - ' 3 ! D * & * 1 ! / (' 1 ' # + ' & ! * 1 0 (' 1 - ! / (1 / ' 2 + % ; ' ! # # ! - ' (! d _ _] ! / . ' 9 ! I) # (\$) + O \$ N - + / (4 ! S : ! 0 . 2 7 1 % #) ! . # ! n ' # 7 1 , ! D * & * 1 ! - %) - + 1 ! + - ! / * % # 0 7 3 ! & ' 1 % (' ! # ! S . + + % 2 ' 3 3 % 8 1 ! / * % # + # #) ! * # & ! (' 0 3 ' 2 + 1 ! . # ! - . > ! 3 . ; ' ! % 1 ! * ! 1 + (7)) 3 ' ! 0 . (! 1 . 9 ' ! / ' . / 3 ' 4 !

R. 1 + ! 2 (% + % 2 1 ! - * ; ' ! 0 . 2 7 1 ' & ! . # ! S . + + % 2 ' 3 3 % 8 1 ! . 6 ; % . 7 1 ! 1 : 9 6 . 3 % 1 9 T ! - ' 3 / 3 ' 1 1 ! n % . 3 ' # 2 ' ! 1 3 7 9 6 ' (! 7 # & ' (! + - ! / . > ' (! 0 ! W . ; ' 4 ! K - ' ! 2 . 9 / * # % . # !) 7 % & ' ! + . ! + - ! ! S (% + % 1 - ! 5 * + % . # * 3 ! m * 3 3 ' (: , ! 0 . (! I * 9 / 3 ' , ! ' 9 / - * 1 U ' 1 ! + - ! ! B + % 9 ' 3 ' 1 1 G ! % & * ! + - * + ! B 3 . ; ' ! 2 . # H 7 ' (! 1 * 3 3 V ! 9 * \$ ' ! 3 . ; ' , ! # . + ! > * (G ! 0 W * #) 9 7 % (P 4 ! n ' # 7 1 ! % 1 ! + - ! ! . # ! % # ! / . > ' (T ! 1 - ' ! % 1 ! 1 . 6 ' (, ! 2 3 . + - ' & , ! * # & ! * > * \$ ' , ! > - % 3 ' ! R * (! 1 3 % ' 1 ! # * \$ ' & ! * # & ! 7 # * > * (' ! . 0 ! - % 1 ! * (9 . (! 1 2 * + + ' (' & ! * 9 . #) ! + - ! ! 1 * + : (! 4 ! K - ' !) . & ! . 0 ! > * (! % 1 ! 1 . ! & ' ' / 3 : ! * 1 3 ' ' / ! + - * + ! ' ; ' # ! + - ! ! 2 . # 2 - ! 1 - ' 3 3 ! & . ' 1 ! # . + ! > * \$ ' ! - % 9 ! 0 S . + + % 2 ' 3 3 % P 4 ! K - % 1 ! % 9 *) ' ! 0 % + 1 ! % # + . ! + - ! ! 1 - * / ' ! . 0 ! * ! 6 * 2 \$ 6 . * (& ! & ' 2 . (* + % . # , ! > - % 2 - ! S . + + % 2 ' 3 3 % ! 2 (' * + ' & ! 0 . (! * ! # ' > 3 : ! 9 * ((% ' & ! 2 . 7 / 3 ' 4 ! K - ' ! m * 3 3 ' (: !) 7 % & ' ! / . % # + 1 ! . 7 + ! + - ! ! B - 7 9 . 7 (! % # ! 9 * ((% *) ' ! 2 ' 3 ' 6 (* + % . # 1 i + - ! ! # . + % . # ! + - * + ! 9 * \$ % #) ! 3 . ; ' ! ' I - * 7 1 + ! ! * 9 * # ! > - % 3 ' ! % ! # ; %) . (* + ' 1 ! * !

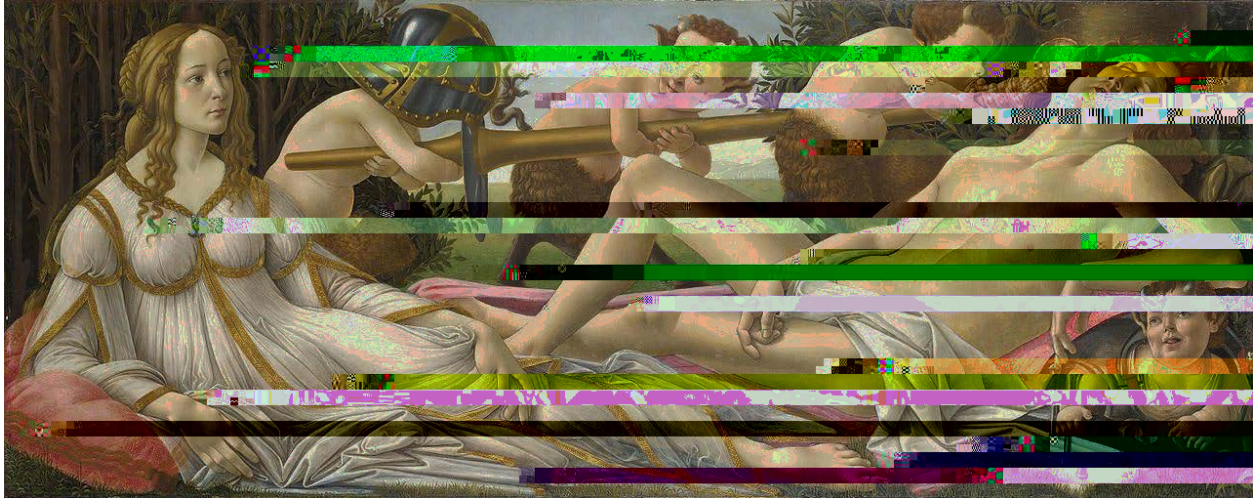
> .9*#G!0W*#)97%(P4!X%00('#+!/*(+1!.0!+- '!/*%#%#)!)-%#+!*+!R*(181!'(.+%2!&('*91T!+- '!/-*33%2!
3*#2',!+- '!/%#\$!23.+-!1+('+2-'&!+*7+!6:!--%1!+. '1,*#&!/(-*/1!+- '!27(3!.0!-%1!-*#&!E73+7(*3!1+7&%!1!
/(.0'11.(!X*;%&!E3*(\$!2.##'2+1!+-%1!/*%#%#)!+.*!/. '9!6:!W.(#U.!&'8!R'&%2,!>-%2-!&' /%2+1!
R*(1!*1!B*!- '(.!+.(#!6'+>' '#!0*#+*1%'!1!.0!1' I7*3!1'30N%#&73)'#2!'*#&!+- '!/7(17%+!.0!-%1!- '(.%2!
H7'1+G!0E3*(\$P4!K-'!%&'*!.0!B0*#+*1%'1G!17))'1+1!+-*!n '#71!9%)'+!'; '#!6!'*#!3371%.#!.0!&'1%(!%#!
- '!03.>.:!+(*#1372'#+!23.+- '14!K-%1!9*!:6'!.#!'/ '(1/'2+%';!.0!S.++%2'33%81!/*%#%#),!67+!>-*+!%0!
+- '!/(.*).#%1+!>*!n '#71,!#.+!R*(1F!

`(.9!+- '!1+*(+!.0!- '(!/. '9,!D*%*1!%1*3(*%&:!0.271'&!.#!n '#7181!/.%#+!.0!;%>!D*%*181!
0%(1+!3%#!'!&'12(%6'1!B).3&!+*/'!)'#+3:!6%33.>%#)!>%+!- '(!6(*+-%#),G!'9/-*1%U%#)!n '#7181!%&'#+%+:!
1!!3%;%#)!%#&%;%&7*3!6':.#&!*#!.6L'2+!.0!&'1%('!0D*%*1!dP4!B C *%+G!D*%*1!>(%+!1!%#!17&&'#!
(*3%U*+%.#;!BK-%1!/*%#%#)!%1*#!'#.(9.71!nN#'11G!0D*%*1!jP4!K-'!3.;'(1!*//'*(!+!6'!+- '!9*%#!
2-*(2+'(1!*+!0(1+!67+!+- '!n!.0!R*(181!3'),!--%1!36.>,+-- '!n!1*33!.;'(!n '#7181!23.+- '1,*#&!%#!
;%(% .71!+-- '(!/*(+1!.0!+- '!/*%#%#)!1'#&!D*%*1!*9'11*)'T!+- '!1%#)73*(!0.271!.0!+-%1!/*%#%#)!%1!
n '#714!K-'!n!&'1#8+!1''9!+!.1+*#&!0.(!3.;'81!;%2+.(;!-->';'(!,*1!D*%*1!#.+%2'1!n '#7181!3.>!
1/%(%+14!K-'!) .&&'11!%1!/372\$%#)!- '(!23.+- '1!B7#'9/-*+%2*33:;!*39.1+!*61'#+N\!3:G!3%\$!'!1'(%'1!.0!
B3*#)7%&!;*33':1G!0D*%*1!^NZ,!d[P4!K-'!/3*#'+!n '#71!>*1!#*9'&!6'2*71'!.0!+!1!6(%33%*#2',!67+!%#!
+-%1!/*%#%#)!+- '!).&&'11!.0!3.;'!%1!1+(*#)'3:!&733!*#&!&'/(!11'&4!K-'!).3&!+*/'!+-*+!D*%*1!
9'#+%.#1!3'*&1!+!*#.+-- '(!&'3T!n '#7181!23.+- '1*('!7#+.72-'&4!K-'!).3&!3%#%#)!+-*+!- .3&1!- '(!
&'11!*+!+- '!2.33*(!1!*2+7*33:!9*%!'!0!- '(!--*(,!1!.%0!1-'!-*&!6' '#!9*\$%#)!3.;'!/'(;% .713:;!-- '(!
//'(*#2'!>.73&!#. +!6'!+-%1!/(%1+%'4!C -%3'!.+- '(1!1*>!*-79.(.71!;%2+.(;!.0!3.;'!%#!+-%1!
/*%#%#),!D*%*1!%1!1!#1%#)!*!9'3*#2-.3:!3*2\$!.0!3.;'4!

D*%*1!2.#+%#7'1!6:!'I*9%#%#)!+- '!(.3'!.0!+- '!1*+:(1*#&!+- '!3*2\$!.0!0*9%3:!3.;'4!Q-'!
#.+'1!+-*+!+- ':!*(!'+*\$%#)!*%& ;*#*+)'!0!R*(181!.63%;% .#!+!.!/3*!:!>%+--%1!+..31!.0!>*(,!172-!1!-%1!

- '39 '+!*&!2.(1'3'+4!S7+!(+*- '#!' I/3*%#!+-%1!1%7*+% .#,!1- '!&%19%11'1!+- '!1*+: (18!6' -*; %.(1*!
B*#!*>073!#7%1*#2'!\!*33!0.(!#.+-%#)G!0D*%*1!Y[NYdP4!K- '!/(*\$!1*#&!)3' '073!'#') :!.0!+- '!1*+: (1!
. #3: !1'(; '!*1!*!2. #+(*1+!+.!+- '!). &18!3*2\$!.0!('1/ .#1'T!B3*96!*#&!3%. #,!3. ; '!*#&!>*(('!7#%+ '&!\
6: !%#&%00' ('#2'G!0D*%*1!YYNYaP4!#1+'*&!.0!2- ..1%#)!.# '! .0!+- '!/. /73*(!2.#2' /+1!+- *+!R*(1!*#&!
n '#71!- *; '!(' /('1'#+ '&,!1- '!2(' *+'1!- '(!. >#!*()79 '#+!e1%#)!*!1+(*+)%2!3%#!'6('*\$,!1- '!/*71'1!
0.(!171/ '#1'!6'0.('!' ; '*3%#)!+- '!7#%0:%#)!+- '9'T!B%#&%00' ('#2'4G!K-%1!%1!#. !12'#!'0.(!/*11%.#!.(!
3*7)-+'(!*1!>'!('*3%U'!S .++%2'33%81!/*%#%#)!%1!0*(!9.('!2. 9/3%2*+ '&!+- *#%+!1''914!

K- '!+> .!) .&18!1+(*#)'!&%12.##'2+!0(.9!+- '%(!17((.7#&%#)1!9*\$'1!D*%*1!H7'1+% .#!>- '+- '(!
.(!#.+!+-%1!2.73&!6'!2.#1%&'('&!*!0*9%3: !/*%#%#)4!Q- '!2*33!+- '!1*+: (1!B#*7) -+; !+. &&3'(1G!*#&!
B+- '1'!6*6%'1,G!> .#&'(%#)!>- '+- '(!B+- '!3%+3'!0*7#+3'+1!2*33!R*(1!+- '%(!X*&&:FG!0D*%*1!Yd,!Yc,!
a[P4!D'(!(' / '*+ '&!71'!.0!0*9%3: !+'(9%#.3.) :!6'2.9'1!; '(:!%#+' ('1+%#)!%#!+- '!2.#+'I+!.0!- '(!
6*2\$)(.7#&T!*!23*11%21!9*L.(!>- .!3%; '&!1'; '(*3!:'*(1!%#!m('2'4!D*%*1!1!/(.6*63: !0*9%3%*(!>%+-!
n '#7181!6%(+-,!9*((%*)',!*#&!3.; '4!S.(#!>- '#!A7/%+'(!27+!.00!-%1!0*+- '(81!+'1+%23'1,!n '#71!>*1!
6.(#!*+(*2+% ; '!+. !*33!+- '!). &14!A7/%+'(!)*; '!'- '(!+.!+- '!7)3%'1+!). &!n732*#!%#!.(&'(!+.!*; .%&!-*; .2,!
67+!%#1+'*&!.0!1*+;%#)!0*%+-0733: !>%+-!-%9,!1- '!6.('!2-%3&('#!0.(!R*(1!*#&!5' /+7#!'*9.#)!+- '(!
0B? /-(.&%+'!T!m(' '\$!m.&&'11!.0!W.; '!*#&!S '*7+:GP4!K.11'&!*(.7#&!>%+- .7+!*!2- .%2',!1- '!>*1!



C .(\$!E%+'&!

B? /-(.&%+'!T!m(' '\$!m.&&' 11!.0!W. ; '!*#&!S '*7+:4G!a#--2\$ I 6%&'8''*6,!m(' '\$9 :+- .3.):42. 9,!
-+ /1T\>>>4)(' '\$9 :+- .3.):42. 9<3: 9 /%*#1\? /-(.&%+'*\ /-(.&%+'4-+934!

S .++2'33%,!Q*#&(.4!N-+ /(\$)+O\$ I)#(9\$=#)3%1-!dST!=#)3%1-!E. 9 / .1%+.#,!Q/(%#)!Y[YY,!C '1+n*33' :!
E.33')',!>; 94%#1+(72+7('42. 94!

E3*(\$,!X*;%&!W4!oS .++2'33%1!n '#71!*#&!R *(1!*#&!+-' (!* / .+(. /%*2!*+!0. (!K712*#!6'&(. . 914o!
D/#'').\$C&-\$>"/#+)8\$'3\$&-\$R'(%"#6\$'3\$D#%,!; .34!Z,!*##7*3!Y[[^,!//4!dw4!a)8-\$D4)0- , '4\$
H+- !'8-,!3%#\$4)*3'42. 9*//1\&.2\?d^^_k]Yaa\? <5=F7 t1*(*dYdk[u1%&t6. . \$9*(\$N
? <5=u I%&t [_a*2c' _4! ?22'11'&!d_! ? / (4!Y[YY4!

D*%*1,!f*2-'34!BR*(1!*#&!n '#714G!=#)3%1-!dST!=#)3%1-!E. 9 / .1%+.#,!Q/(%#)!Y[YY,!C '1+n*33' :!
E.33')',!>; 94%#1+(72+7('42. 94!

D*%*1,!f*2-'34!BW%+'(*(:=I'27+. (4G!C&-\$O , 5%6\$S-O.\$C '13' :*#!e#%; '(1%+:!J('11,!d__]14G0#!