CHEMI 2400, I C

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Meeting Time: Tues/Thurs, 8:30-9:45 am
Meeting room: Innovation Hall E432
Office Hours: Tuesday and Wednesday, 1

2.K$&1.->?!] J0.->?! ' %B!)%3(01.+%!

e 6.($!-6$!*.$(B!+*!36$, .1-&>!6 ' 1!%+-! ' (I ' >1!A$$%!.%3(01.K$! ' %B!B.K$&1$?!+0&!30&&$%-!36$, .1-&>!3+ , , 0%.->!
.%3&$ ' 1.% : (>!&$*($3-1!-6$! I +&(B!+0-1.B$!+*!-6$!(' A+& ' -+&>E!=3.$%3$! ' %B!13.$%-.1-1! ' &$!%+-!. , , 0%$!-+!A. ' 1?!A0-! I $!
3 ' %! , ' H$!+0&1$(K$1! ' I ' &$!+*!.-! ' %B! ' 3-.K$(>! I +&H! ' : ' .%1-!.-!.%!+0&!K&>B ' >!(.K$1E!)%!-6.1!3(' 11?! I $! I .((!B.13011!
I ' >1!-+!*.%B!+0-!-6$!-& ' 3H!&$3+&B!+*! ' !3+ , 4 ' %>!+%!B.K$&1.->?!$J0.->?! ' %B!.%3(01.+%!02])P!.110$1! ' %B!6+ I !-+!-6.%H!

O*#7&)*',&-$).)/'2((" 1 1 "7-*.")%+'**)%!H$$4.%:!I.-6!7%.K$&1.->!4+(.3>?!'%>!1-0B$%-!I.-6!'!B+30,$%-$B!
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=G=!I+&H1!I.-6!1-0B$%-1!'%B!*'30(->!.%!'%!.%-$&'3-.K$!4&+3$11!-+!$M4(+&$!&$'1+%'A($!'%B!'44&+4&.'-$!
'33+,,+B'-.+%1?!I6.36!'&$!3+,,0%.3'-$B!-+!*'30(->!.%!'%!'33+,,+B'-.+%!($--$&E!G((!1-0B$%-1!'&$!1-&+%:(>!
$%3+0&':$B!-+!,$$-!I.-6!-6$.&!*'30(->!-+!B.13011!-6$!'33+,,+B'-.+%1!-6$>!4('%!-+!01$!.%!$'36!3+0&1$E!G!
1-0B$%-1!'33+,,+B'-.+%!($--$&!(.1-1!-6+1$!'33+,,+B'-.+%1!-6'-!I.((!%+-!A$!.,4($,$%-$B!0%-.(!-6$!1-0B$%-!,$$-1!
I.-6!-6$.&!*'30(->!-+!3&$'-$!'!4('%E!

!")*-(*'O2O+'G"WY!c.K.%:gc$'&%.%:!/$%-$&@!_YQDaNaDWWNX@!'33$11 i OK,E$BO?IIIEOK,E$BOg'33$11!

Q&0./."#%'R"0.7-8%'6--41;ggIIIEOK,E$BOg&$:.1-&'&g&$(.:.+O1D6+(.B'>1**+'**=-0B$%-1!6'K$!-6$!&.:6-!-+!4&'3-.3$!-6$!
&$(.:.+%!+*!-6$.&!36+.3$E!)*!>+0!%$$B!-+!,.11!3('11!-+!+A1$&K$!'!&$(.:.+01!6+(.B'>?!4($'1$!10A,.-!-6$!B'-$1!+*!>+0&!
'A1$%3$!-+!,$!.%!I&.-.%:!A>!-6$!$%B!+*!-6$!1$3+%B!*0((!I$$H!+*!3('11$E![+0!I.((!A$!4$&,.--$B!-+!,'H$!04!I+&H!
I.-6.%!'!,0-0'((>!':&$$BD04+%!-.,$E!

**2(-7&1.('K)*&/$.*8'**6--41;ggIIIEOK,E$BOg4+(.3.$1g1-0B$%-g'3'B.%-$:&.->E4B***+'**L6$!4+(.3>!'BB&$11$1!4(':.'&.1,?!
*'A&.3'-.+%?!3+((01.+%?!'%B!36$'-.%:E!

B$-7&'2>>&-0%'**6--41;ggIIIEOK,E$BOg4+(.3.$1g1-0B$%-g:&'B$'44$'(1E4B*+'**)*!>+0!I+0(B!(.H$!-+!3+%-$1-!'!:&'B$?!
4($'1$!*+((+I!-6$!4&+3$BO&$1!+0-(.%$B!.%!-6.1!4+(.3>E!

B$-7.)/'**6--41;ggIIIEOK,E$BOg&$:.1-&'&g:&'B$1+'**L6.1!4+(.3>!3+%-'.%1!.%*+&,'-.+%!+%!:&'B.%:!'%B!#UG!
3'(30('-.+%E!

!"7&'"I'O*#7&)*'!")7#(*'6--4;ggIIIEOK,E$BOg4+(.3.$1g1-0B$%-g1-0B$%-3+B$E4B***+'**L6.1!4+(.3>!&$'**.&,1!-6$!
4&.%3.4($!+*!1-0B$%-!*&$$B+,!3+04($B!I.-6!4$&1+%'(!&$14+%1.A.(.->!'%B!'33+0%-'A.(.->!*+&!.%B.K.BO'(!'3-.+%!'%B!-6$!
3+%1$J0$%3$1!+*!-6'-!'3-.+%!1+!-6'-!7 8 9!1-0B$%-1!3'%!A$!6$'(-6>?!1033$11*0(!'%B!%:''$BE!

:3QN2'Q./6*%'G.%(0"%#$&'**6--4;gg3'-'(+:0$EOK,E$BOgO%B$&:&'BO'-$g'3'B$,.3.%*+g*$&4'&.:6-1B.13(+10&$g+'**L6$!
40&4+1$!+*!-6.1!4+(.3>!.1!-+!3+,,0%.3'-$!-6$!&.:6-1!+*!1-0B$%-1!&$:'&B.%:!'33$11!-+?!'%B!4&.K'3>!+*!-6$.&!1-0B$%-!
$B03'-.+%'(!&$3+&B1!'1!4&+K.B$B!*+&!.%!-6$!5',.(>!]B03'-.+%'(!d.:6-1!'%B!U&.K'3>!G3-!05]dUGP!+*!"`WRE!

**N$"1"*.)/'R&-0*6'S'O-I&*8+'**L6$!7%.K$&1.->!+*!8$&,+%-T1!%0,A$&!+%$!4&.+&.->!.1!-+!1044+&-!'!6$'(-6>!
'%B!1'*$!3+,,0%.->E!

!&)*&$'I"$'R&-0*6'-)7'P&00;&.)/+'6--41;ggIIIEOK,E$BOg6$'(-6T**!"#)%&0.)/'S'N%8(6.-*$8'O&$H.(&%'
U**!2NOV+'**0_YQP!aNaDXXRY!

!T2TQT3T+')*!>+0!'&$!3+%3$&%$B!'A+0-!'!7 8 9!3+,,0%.->!,$,A$&!+&!'&$!3+%3$&%$B!'A+0-!'!14$3.*.3!
K%-?!I$!$%3+0&':$!>+0!-+!3+%-'3-!-6$!2$'%!+*!=-0B$%-1!C**.3$!0_YQDaNaDXX_YPE!)*!>+0!I+0(B!(.H$!-+!
&$,'.%!'%+%>,+01?!>+0!3'%!&$4+&-!>+0&!3+%3$&%1!+%(.%$!A>!K.1.-.%:!-6$!2$'%!+*!=-0B$%-1!I$A1.-$!'-!
6--41;ggIIIEOK,E$BOg1-0B$%-'**'.&1E!

:.)-0'34-1'N"0.(8'6--41;ggIIIEOK,E$BOg&$:.1-&'&g*.%'(D$M',1**+'**L6$!7%.K$&1.->!*.%'(!$M',!4+(.3>!+0-(.%$1!
$M4$3-'-.+%1!BO&.%:!*.%'(!$M',1!'%B!$M4('.%1!-.,.%:!'%B!4&+3$11!+*!$M',.%'-.+%!4$&.+BE!