

! " # \$ % & ' () *) &
+ , # - ' & .) / 0 1 \$ +) % \$ &

+ , # 0 2 3 3 4 5 6 3 8 7 8 9 9 & : 8 ; < = > ? @ & < A ; = B C D 8 E C = > F & G 8 H H & I 6 I 3 &

MWF at 2 p.m., Lyons 409 &

-> DE ; JKE = ; F & \$ = < & (L L &

Office-hours this fall will be conducted in my office Lyons 425 or by email. &

M L L N O & & &	\$ = A C K D O && & & & & & & & & & & &
3 0 && O J P && 2 6 F & # L A E Q && 3 F & 2 &&	' R = ; S & D ? < T = H D & C > & U 8 9 9 & 8 > S & A = A J H 8 ; & < J D C K &&
&	
1 0 && # L A E Q && V F & 3 6 && &	' R = ; S & L W E L > D C = > D O & 8 S S & X & E R F & 3 3 & E R F & 3 2 E R &&
2 0 && # L A E Q && 3 2 F & 3 Y F & 3 Z &&	+ = S L D F & S C 8 E = > C K & < 8 U = ; & 8 > S & R 8 ; < = > C K F & < L H = S C K & @ & > 8 E Q & < C > = ; & D K 8 H L D Q &
4 0 && # L A E Q && 1 6 F & I 1 F & I 4 &&	O H E L ; L S F & (? S C 8 > & [H 8 E 5 Z F & S C < C > C D R L S F & \ R = H L 5 E = > L & 8 > S & A L > E 8 E = > C K & D K 8 H L D Q &&
Y O && # L A E Q && 1 Z F & I X F & " K E Q && 3 &&	1 = < 8 > & > J < L ; 8 H & 8 > 8 H ? D C D & =] & D E 8 > S 8 ; S D & C > & E R L & 1 L 8 H & ! = = N Q &
^ O && " K E Q && 4 F & ^ F & V && &	O A A H C K 8 E C = > & =] & < = S L D & 8 > S & D K 8 H L D & E = & K R = ; S D & C > & < 8 U = ; & 8 > S & < C > = ; & N L ? D Q &
Z O && Oct. 12, 3 2 F & 3 Y &&	O A A H C K 8 E C = > & =] & < = S L D & 8 > S & D K 8 H L D & E = & D L K = > S 8 ; ? & S = < C > 8 > E & Z & E R & K R = ; S D &
V O && " K E Q && 3 V F & I 6 F & I 1 & &	/ C 8 > = & K R = ; S & A 8 E E L ; > D &] = ; & U 8 9 9 0 & J D C > P & = > H ? & E \ = & C > B L ; D C = > D & O & @ & ! & &
X O && " K E Q && 1 Y F & I Z F & I X & &	_ L ? T = 8 ; S & R 8 ; < = > C 9 8 E C = > & =] & D E 8 > S 8 ; S D &&

3 6 0 && % = B Q && 3 F & 2 F & Y && &	O > 8 H ? D C D & =] & < A ; = B C D L S & D = H = D & T ? & ' = H E ; 8 > L F & ! C H H F & " D K 8 ; F & * L E 9 F & L E K Q &
3 3 0 && % = B Q && V F & 3 6 F & 3 1 & &	' = < A = D C > P & U 8 9 9 & E J > L D & < = S L H L S & 8] E L ; & / 8 ; N L ; F & 1 = H H C > D F & + C H L D F & L E K Q &
3 1 0 && % = B Q && 3 Y F & 3 Z F & 3 X &&	: 8 ; < = > C 9 C > P & / \$ & 8 > S & % \$ & \ C E R & A 8 ; 8 H H L H F & S C < C > C D R L S & Z E R F & S = < C > 8 > E & Z E R D &
& & & & &	& & & & & & & & & & & &
3 2 0 && % = B Q && 1 I && &	& & & 8 > S & D J T D E C E J E L & K R = ; S D &&
&	M 8 H N C > P & T 8 D D & H C > L D Q &

+, #023346378999: 8; <=>?@&-<A;=BCD8EC=>fRA01 &

" TULKECBLD&=J&ERCDAK=J;DL0&

3i&& 7899f&J>HCNLA\R8E&D=<L&AL=AHLE&ERC>Nf&CD&8&BL;?&DE;JKEJ;LS&8H8>PJ8PL&8&\LH&5;==EL&S&C=&R&C&D&E=;?&8>S&E;8S&C&E=>0&&78999&<JD&C&C8>D&];=<& &ERL&];<L;#&=B&C&L&E&, >C=>f&/=H8>S&=&;&78A8>&K8>&8&8<b&\&C&E&R&B&L&E&L;8>&8! =DE=>f&(000&=&;&8%L&\&8j =;N&8' CE?&A&H8?L;D&=>&E&R&L&8&T&H&J&L&D&8&f&8&;R?ER<&K&R8>P&L&D&8&f&8 >S&=&E&R&L; &DE8>S8;S&E&J>L&D&L&B&L>&E&R=J&P&R&E&R&L?&K8>>=E&B&L;T8H&?&J>S&L;DE8>S&L&8&K&R&=&E&R&L;0&&E&C&D&8&T=BL&8&H&8&8&8&8&BL;?&DE?&H&C&9&L&S&8;E&];=<f&\&C&E&R&8& b&K=<<=>&A;8KE&C&K&L&8&D&E;C&K&E&;J&H&L&D&8>S&A;=&E=K=H&0&&&S&R&L;L&C&D&8&8&K&L;E8C>&8?&E=&A&H8?&E&R&L&8&T&H&J&L&D&8&f&=&E&R&L&D&R&J&][H&L&0&&/H8?L;D&8&8>g&E&]8N&L&E&R&L&C;8\8?& ER;=J&P&R&8&D&L&E&=&]8&D&E8>S8;S&D&8&&S&R&L&8&D&\&C>P&8&L&H&L<L>E&C&D&K=<A&H&L&E&H?&C>E&J&C&E&C&B&L&0&&j =J&A&L&C&E&R&L;8&]L&H&C&E&f&=&8?=&J&K8>g&E&S=&C&E&0&&C&C;E&J=D&C&E?&=&=&=>L&g&D& C>DE;J<L>E&C&D&A&8;8<=&J>E&0&&_>=\&H&L&S&P&L&=&]8&K&8&H&L&D&f&<LH=S&C&K&A&8&E&E&L; >D&8=&;&H&C&K&N&D&f&8>S&8&R8; <=>C&K&S8;C>P&8;L&A&8;E&=&]8&8&A&H8?L;g&D&P;8&T&8&P&0& I i & +?&=T&U&L&K&E&C&B&L&C&D&E&=&K=>B&L?&E=&8?=&J&E&R&L&8&T&8&D&C&K&]=J>S&8&E&C=>8=&]E&R&C&D&=<J&D&C&K&8&8&C&E&D&8&R8; <=>C&K&B=K&8&T&J&H8;?&C&E&D&=<LH=S&C&K&C>B&L>E&C=>f&C&E&D&;R?ER<C&K& S;C&B&L&8>S&C&E&D&K=<A=D&C&E&C=>8&H&8>P&J&8&P&L&0&&E&\&C&H&8&E&8&N&L&&<J&K&R&S&L&S&C&K&8&E&C=>8&T&L?=>S&E&R&L&D&C>P&H&L&D&L<L&D&E&L; &E=&8&]J&H&?&K=<A;L&R&L>S&8>S&8&8&A&A;L&K&C&8&E&L&E&R&L& &B&8&D&E>L&D&D&8>S&8&P;L&8&E>L&D&D&E&R&8&E&C&D&E&R&C&D&8&E&];=<0&&=&R=AL&=&\&C&H&8&D=<L&R=&\&A;=B&C&S&L&E&R&L&D&L&L&S&];&8?=&J; &=&\&=>8&P;=&\&E&R&C>&E&R&C&D&\&=>S&L;]J&H&<J&D&C&K&0&

)8;5E;8C>C>P&C&D&8>8<A=&;E8>E&K=<A=>L>E&E=&J>S&L;DE8>S&C>P&=<J&D&C&K&E&L&K&R>C&K&8&H&?&8&L&D&E&R&L&E&C&K&8&H&?&8>S&C>E&L&H&L&K&E&J&8&H&?&0&&G=&;&E&R&L&A&J;A=DL&=&]E;8C>C>P& &E&R&L&8;f&=&A;=A=DL&8&8&T&C5\&L&L&N&H?&E&8&N&L&5&R=<L&L&8;5E;8C>C>P&8&J&C&9&C>&E&R&L&];<=&=&]E&R&L&E;8>D&K;C&A&E&C=>0&&'>'&8>B&8&D&8?=&J&=&C&H&8&[C>S&8&[C&J&E&L]>8&D&L&P<L>E&D&=&] &<J&D&C&K&L&8&K&R&8&A&A;=&W&C<8&E&L&H?&8&&<C>J&E&L&8=>P&0&&O&E;8>D&K;C&A&E&C=>8=&]8&L&8&K&R&D&L&P<L>E&\&C&H&8&T&L&S&J&L&L&B&L;?&=&E&R&L; &M&L&S>L&D&S&8?&T&L&P&C>>C>P&8&\&L&N&8&2&8=&]E&R&L& &D&L<L&D&E&L;0&&September 17h

+, #0233463&7899&: 8; <=>?&@&- <A; =BCD8EC=>F&A&2&

- 3i& \$; 8>DK; CTL&l=KE8BLm&E; J < ALE&@&D8W&l THJLDm&< LH=S?0&&&
- l i& \$; 8>DK; CTL&O! O! &< LH=S?F&C>KHJSC>P&D8W&l R8; <=>?m&C>&O&
- 2i& \$; 8>DK; CTL&AC8>=&8>S&T8DD&C>E; =&8>S&ERL>&ERL&E; J < ALE&8>S&D8W&l THJLDm&< LH=S?0&&&
->KHJSL&l C>EL; HJSL (m&&) WE; 8&K; LSC&E&C] &D8W&l R8; <=>?m&C&D&C>KHJSL&S&
- 4i& \$; 8>DK; CTL&J>CD=>&< LH=S?0&&! LHCLBL&CE&=; &>=EF&C&fD&C>&4n4&
- Yi& \$; 8>DK; CTL&l=KE8BLm&E; J < ALE&@&D8W&OO! O&< LH=S?&=>H?0&&&
- ^i& \$; 8>DK; CTL&D8W&8>S&=; P8>&l THJLDm&< LH=S?&8>S&PJCE8; &K=J>EL; 5< LH=S?0&
- Zi& , DC>P&E; LTHL&@&T8DD&KHL]DF&E; 8>DK; CTL&PJCE8; &D=H=&8>S&T8DD&ALS8H&=DEC>8E=&
- Vi& \$; 8>DK; CTL&AC8>=&8>S&T8DD5HC>Lf&8>S&KR=; SD&C>&ERL&C>E; =SJKEC=>0&&&
\$RL>&E; 8>DK; CTL&E; J < ALE&8>S&D8W&< LH=S?0&&&
- Xi& \$; 8>DK; CTL&l=KE8BLm&E; J < ALE&8>S&D8W&< LH=S?d&AHJD&AC8>=nT8DD5HC>L&
- 36i& \$; 8>DK; CTL&=KE8BL&< LH=S?&C>&ERL&AC8>=F&PJCE8; &8>S&BC&TLDO&
- 33i&& \$; 8>DK; CTL&< LH=S?&C>&=; P8>&
- 31 i& \$; 8>DK; CTL&AC8>=&C>E; =&8>S&ERL>&l=KE8BLm&E; J < ALE&8>S&D8W&< LH=S?0&
- 32i& \$; 8>DK; CTL&PJCE8; &< LH=S?0&
- 34i& \$; 8>DK; CTL&< JELS&E; J < ALE&8>S&D8W&=KE8BL&< LH=S?0&
- 3Yi& , DC>P&E; LTHL&8>S&T8DD&KHL]DF&E; 8>DK; CTL&< JELS&E; J < ALE&< LH=S?&8>S&T8DD5HC>L&