Prof. Mark Fey <u>Syllabus</u>

Topic 0 The Basic of Bargaining

Fudenberg and Tirole, sec. 4.4

Gibbons, sec. 2.1.D

Ariel Rubinstein, \Perfect Equilibrium in a Bargaining Model," *Econometrica* 50:1 (1982), 97{110 (JSTOR)

John Nash, \The Bargaining Problem," *Econometrica* 18:21 (1950), 155{162 (JSTOR)

Topic 1 Bayesian Games and Bayesian-Nash Equilibrium

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Topic 2 Perfect Bayesian Equilibrium and Sequential Equilibrium

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Gibbons, sec. 4.1

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Topic 3 Signaling Games

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Gibbons, sec. 7.1

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Topic 4 Preplay Communication and Cheap Talk

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Topic 5 Advanced Topics in Strategic Form Games

Dominance

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Gibbons, sec. 1.1.B

Nash Equilibrium

Fudenberg and Tirole, sec. 1.2{1.3

Gibbons, sec. 1.1.C & 1.3

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Matthew O. Jackson, Leo K. Simon, Jeroen M. Swinkels, and William R. Zame, \Communication and Equilibrium in Discontinuous Games of Incomplete Information," *Econometrica* 70 (2002), 1711{1740 (JSTOR)

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Topic 6 Advanced Topics in Extensive Form Games

Strategies

Fudenberg and Tirole, sec. 3.1{3.4 Gibbons, sec. 2.1

Subgame Perfection

Fudenberg and Tirole, sec. 3.5{3.6 Gibbons, sec. 2.2{2.4

Topic 7 More Bargaining

Fudenberg and Tirole, sec. 4.4

Topic 8 Repeated Games

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Topic 9 Markov Perfect Equilibrium

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Topic 10 Common Knowledge

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