

SPRING 2026 PHI 3193

GAME THEORY

asynchronous online An introduction to decision theory and game theory. Focusing on modeling strategic decision-making by rational agents with applications to theoretical and real-world cases.

		years in jail	
		remain silent	confess
years in jail	remain silent	Jill: 2 years Phil: 2 years	Jill: 25 years Phil: 1 year
	confess	Jill: 1 year Phil: 25 years	Jill: 10 years Phil: 10 years

decisions strategy the predictor paradox cooperation
zero sum games mixed strategies chicken Nash
equilibrium Pascal's wager St. Petersburg paradox
nuclear deterrence maximin rule imperfect infor-
mation prisoner's dilemma free rider problem minima