

UCCS MATH DISTINGUISHED LECTURE SERIES

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October 23, 2014

12:30pm-1:30pm

(Refreshments at 12:15pm)

UCCS Kraemer Family Library
3rd Floor Apse



Game Theory and the Mathematics of Altruism



Game theory is a branch of mathematics that deals with strategy and decision making and is applied in economics, computer science, biology, and many other disciplines as well. We will discuss some of the basic points of game theory and discuss the so-called iterated prisoner dilemma, a game that is of central importance in the study of cooperation between individuals. We will then describe various strategies to this game and explain why altruism is something that can evolve naturally.

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Mathematics
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