



# *Introduction to Game Theory*

ECON 212



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# Preface

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# Introduction

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What is game theory? It is study of strategic interactions between agents (players). One player is maximizing its utility subject to other constraints. The outcome ...

What do we mean by game? Unlike common definition of game like chess, monopoly, in this course, we mean strategic interactions between agents in any arena: politics, economic competition.

We are going to analyze these situations by building models (which are necessarily an incomplete abstraction). If we understand the “game”, more likely to “win” at it. If we don’t like it, we can sometimes change it, or not play it at all.