

CISEPS Seminar

Game theory: Mathematics among philosophy, psychology and concrete applications

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Abstract

The fundamental assumptions of Game Theory appeal to the concept of rationality. This is of course a restrictive assumption, and it is also not very easy to be defined rigorously. It is obvious that these assumptions have strong connections with philosophical/psychological visions. Furthermore, even seemingly innocent rationality assumptions have strong and surprising consequences. This is once more object of interaction with philosophical/psychological ideas. In this (informal) talk I want to briefly stress some of these issues. Furthermore, on the other side Game Theory is also an applied discipline, and in recent years its more spectacular uses were beyond Economics. I will give an idea of a couple of these possible applications

CISEPS

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