



# Axiomatic Bargaining Game Theory /

Peters, Hans J. M.

Springer Netherlands,  
1992

Monografía

Many social or economic conflict situations can be modeled by specifying the alternatives on which the involved parties may agree, and a special alternative which summarizes what happens in the event that no agreement is reached. Such a model is called a bargaining game, and a prescription assigning an alternative to each bargaining game is called a bargaining solution. In the cooperative game-theoretical approach, bargaining solutions are mathematically characterized by desirable properties, usually called axioms. In the noncooperative approach, solutions are derived as equilibria of strategic models describing an underlying bargaining procedure. Axiomatic Bargaining Game Theory provides the reader with an up-to-date survey of cooperative, axiomatic models of bargaining, starting with Nash's seminal paper, The Bargaining Problem. It presents an overview of the main results in this area during the past four decades. Axiomatic Bargaining Game Theory provides a chapter on noncooperative models of bargaining, in particular on those models leading to bargaining solutions that also result from the axiomatic approach. The main existing axiomatizations of solutions for coalitional bargaining games are included, as well as an auxiliary chapter on the relevant demands from utility theory

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**Título:** Axiomatic Bargaining Game Theory by Hans J.M. Peters

**Editorial:** Dordrecht Springer Netherlands 1992

**Descripción física:** 1 online resource (x, 241 pages)

**Mención de serie:** Theory and Decision Library, Series C: Game Theory, Mathematical Programming and Operations Research 0924-6126 9

**Contenido:** Preliminaries -- Nash bargaining solutions -- Independence of irrelevant alternatives and revealed preferences -- Monotonicity properties -- Additivity properties -- Risk properties -- Bargaining with a variable number of players -- Alternative models and solution concepts -- Noncooperative models for bargaining solutions -- Solutions for coalitional bargaining games -- Elements from utility theory

**ISBN:** 9789401580229 electronic bk.) 9401580227 electronic bk.) 9789048141784 9048141788 9401580227

**Materia:** Economics Operations research Économie politique Recherche opérationnelle economics. Economics. Operations research.

**Enlace a formato físico adicional:** Print version 9789048141784

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