



Handbook of Game Theory and Industrial Organization, Volume I

Theory

Edited by Luis C. Corchón, Department of Economics, Universidad Carlos III de Madrid, Spain and Marco A. Marini, Department of Social and Economic Sciences, Università di Roma La Sapienza, Italy

The first volume of this wide-ranging Handbook contains original contributions by world-class specialists. It provides up-to-date surveys of the main game-theoretic tools commonly used to model industrial organization topics. The Handbook covers numerous subjects in detail including, among others, the tools of lattice programming, supermodular and aggregative games, monopolistic competition, horizontal and vertically differentiated good models, dynamic and Stackelberg games, entry games, evolutionary games with adaptive players, asymmetric information, moral hazard, learning and information sharing models.

'The publication of this Handbook, bringing together game theory and industrial organization, is an occasion worth celebrating. . . . I am truly delighted that there is now a Handbook devoted to this transformative partnership.'

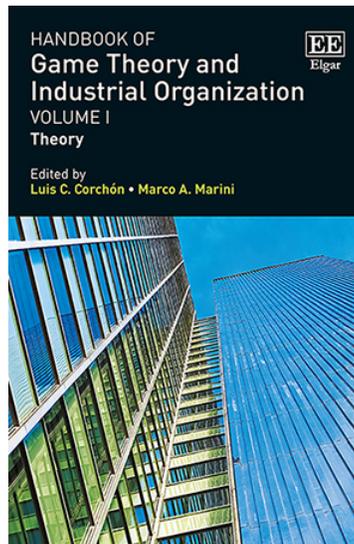
– From the foreword by Eric Maskin

'Game theoretic methods are central in the study of oligopoly markets. The surveys in this Handbook provide a broad introduction to the relevant game theory topics and their applications in oligopoly theory. There is an emphasis on recent developments, such as lattice theory and supermodular games. The Handbook will be a valuable resource for researchers and students.'

– Robert Porter, Northwestern University, US

'With these two volumes, Professors Corchon and Marini have provided an invaluable public good to our profession. They have gathered leading scholars to present a broad and deep overview of the definitive impact that game theory had, and continues to have, on the field of industrial organization over recent years. Any serious researcher wanting to take stock of advances in the field should certainly consider studying the material covered in these volumes, from the more fundamental issues in Volume 1 to the more applied topics presented in Volume 2.'

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