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ESSAYS IN COOPERATIVE GAMES

In Honor of Guillermo Owen

Edited by

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FOREWORD

This special issue of *Theory and Decision* contains a brief history of early Game Theory and collates selected contributions on Game Theory which develop Guillermo Owen's own results. All contributions (except for the first on Minimax Theorem) regard Cooperative Games, of which Owen is undoubtedly a leader. The papers cover both theoretical aspects (Coalition Formation, Values, Simple Games and Dynamic Games) and applied aspects (in Finance, Production, Transportation and Market Games).

These works were written in honour of Guillermo Owen on the occasion of his 65th birthday by authors who participated in the XVth Italian Meeting on Game Theory and Applications, organized by Gian Italo Bischi in Urbino, 9–12 July 2003.

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The Editor

Guillermo Owen

A SHORT BIOGRAPHY OF GUILLERMO OWEN

Guillermo Owen is considered to be one of the “founding fathers” of Game Theory both for his volume *Game Theory* and his contributions to the research at a theoretical and an applicative level. His volume *Game Theory*, published by Academic Press (1967, 1982, 1995) has constituted the “Gutenberg phase” of Game Theory because of its many translations into German, Japanese, Russian, Polish, and Rumanian. His theoretical contributions have been especially expanded on Economic Equilibrium, Multilinear Extensions, Voting and Not-Atomic Games. His applicative contributions

have been particularly regarded on Finance, Politics, Economics and studies on Environment, Conflicts and Terrorism.

He was born in Bogotá (Colombia) on 4th May 1938. He moved to Lausanne (Switzerland) where he obtained a diploma at the Lycee Jaccard. In 1957 he moved to Princeton, where he obtained a B.S. a year later. In 1962 he obtained a Ph.D. in Mathematics, with a thesis on Game Theory supervised by Harold Kuhn. His first work experience was carried out at Fordham University (New York), Rice University (Houston, TX) and the University of the Andes (Bogotá). He subsequently started publishing in various scientific reviews, of whose editorial boards he later joined: *International Journal of Game Theory*, *Games and Economic Behaviour*, *Management Science*, *Revista Española de Economía*, and several others. He is now a member of many scientific communities: the (Colombian) Academy of Physical and Exact Sciences, the Royal Academy of Arts and Sciences of Barcelona (Spain) and the Third World Academy of Sciences. He is at present a full professor of mathematics for the U.S. Navy at the Naval Postgraduate School in Monterey (California), where he has been working for the last 20 years and has been Faculty Chair for 10 years.