

Preface

It is the 9th International Conference on Nonlinear Economic Dynamics (NED2015) that was held in Tokyo, Japan, in June of 2015. The first NED conference started in Odense, Denmark in the year of 2002, which was organized by a small group of scholars having strong desires and interests of applying nonlinear dynamic methods to reveal “new faces” of the traditional dynamic studies of economics and finance. Since then, the NED conference continued in Odense again (Denmark, 2003), Tokyo (Japan, 2004), Urbino (Italy, 2005), Bielefeld (Germany, 2007), Jönköping (Sweden, 2009), Cartagena (Spain, 2011) and Siena (Italy, 2013). Meanwhile at the Jönköping conference, the Nonlinear Economic Dynamic Society was officially founded and has supported the NED conferences since then. It was already announced that the next NED conference will be held at James Madison University in Harrisonburg, USA, 2017.

Following the tradition of the series of conferences, NED2015 aims at bringing together the young and senior researchers who are interested in pursuing research in economic dynamics in a broader sense. The conference was held at Chuo University in Tokyo during June 25–27, 2015 and attracted participants from Australia, Austria, China, Germany, Hungary, Italy, the Netherlands, Singapore, Slovakia, Sweden, Ukraine, the US, and Japan. The talks concerned the recent results of the participants ranging from the pure theory of nonlinear economic dynamics to its applications and practices in various fields of optimization, game theory, finance, regional science, behavioral economics, evolutionary economics, and so forth.

This book is edited by Akio Matsumoto, Ferenc Szidarovszky and Toichoro Asada and consists of three parts including selected 14 papers contributed to NED2015, each of which is refereed and revised. Part I considers the methodological and philosophical implications of the nonlinear dynamics to economics, Part II presents nonlinear models of microeconomic dynamics and discusses the techniques for analyzing the actual economic data, and Part III presents nonlinear models of macroeconomic dynamics. The papers in the book consider economic dynamics from a wide variety of perspective ranging from the monopoly and

duopoly in microeconomics to the traditional Keynesian, Kaldorian, and Kaleckian models in macroeconomics. Some papers deepen understandings of the effect caused by delays that inevitably occur in actual economic activities in a real economy while some other papers consider the policy implications in nonlinear dynamic framework.

The conference was financed through various supports: Graduate School of Economics of Chuo University with the MEXT-supported Program for the Strategic Research Foundation at Private University 2013–2017, the Japan Society for the Promotion of Science (Grant-in-Aid for Scientific Research (A) 26242028 and (C) 24530202, 25380238, 26380316) and Chuo University including Institute of Economics Research, International Center and Joint Research Grants. For the preparation of the conference, the Scientific Committee and the Local Organization Committee have been organized. The efforts provided by the members toward the conference are much appreciated. Very special thanks are due to Ayako Kodama, the Secretary of the LOC, without whose efforts the conference would not have been possible. Additional thanks are due to Masato Nakao and Takayuki Mizuno, assistants of the LOC. Finally, needless to say, not least, big thanks are also due to all the participants of the conference. We really wish this book would contribute to the development of nonlinear economic dynamics and its applications.

Tokyo
June 2016

Akio Matsumoto
Ferenc Szidarovszky
Toichiro Asada

Essays in Economic Dynamics

Theory, Simulation Analysis, and Methodological Study

Matsumoto, A.; Szidarovszky, F.; Asada, T. (Eds.)

2016, VIII, 258 p. 79 illus., Hardcover

ISBN: 978-981-10-1520-5