数理解析研究所講究録987

経済の数理解析

京都大学数理解析研究所

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Editor's Preface

This volume is a collection of papers presented at the symposium on mathematical analysis in economic theory, which was held at the Research Institute of Mathematical Sciences (Kyoto University) during October 7-9 in 1996.

The symposium was organized as a part of our long-run project to bring together those mathematicians who are seriously interested in getting new challenging stimuli from economic theories with those economists who are seeking for effective mathematical weapons for their researches.

The topics discussed in the symposium might be classified under the following four headings.

- ☐ Nonlinear Dynamical System and Economic Fluctuations,
  organized by Kazuo Nishimura.
- ☐ Stochastic Analysis and Mathematical Finance,
  organized by Shigeo Kusuoka.
- ☐ Convex Analysis and Optimization Theory,
  organized by Toru Maruyama.
- ☐ Aspects of General Equilibrium Theory,
  organized by Masao Fukuoka.

It is my pleasure to release this proceedings consisting of significant contributions by truely leading researchers in the discipline.

On behalf of the programme committee, I would like to extend my cordial gratitude to all of the participants for their constructive and warm cooperations.

February 20,1997

Toru Maruyama

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