

## **Preface**

*Here we would like to thank all the people who have contributed to the organisation of the IV Conference "DYNAMICAL SYSTEMS - THEORY AND APPLICATIONS", 8-9 December, 1997, Łódź.*

*The conference was organised by the staff of the Division of Control and Biomechanics, Institute of Turbomachinery and the Chair of Mechanics of the Technical University of Łódź, in a cooperation with the Dynamics Section (Mechanics Committee, Polish Academy of Sciences), Machine Dynamics Group (Section of Design Principles, Machine Building Committee, Polish Academy of Sciences), Polish Committee TMM (Machine Building Committee, Polish Academy of Sciences) and Polish Society of Theoretical and Applied Mechanics (Łódź Division).*

*The organisation of the conference was possible owing to the financial support granted by the Rector of the Technical University of Łódź, Ministry for National Education, IV Department for Technical Sciences of the Polish Academy of Sciences and Polish Society of Theoretical and Applied Mechanics.*

*We would like to express special thanks to the Authors of the lectures delivered during the conference and to the Reviewers - members of the Scientific Committee of this conference.*

*The present conference is already the fourth conference devoted to dynamical systems, their theory and applications. One can observe greater and greater interest in such conferences held periodically, every second year, among scientists from Poland and from abroad. It is worth mentioning that the following meetings will take place during this conference:*

- a meeting of the international organisation IFToMM Technical Committee for Nonlinear Oscillations,*
- a meeting of the Machine Dynamics Group (Section of Design Principles, Machine Building Committee, Polish Academy of Sciences).*

*Our previous experience shows that an extensive thematic scope comprising dynamical systems stimulates a wide exchange of opinions among researchers dealing with different branches of dynamics. We think that vivid discussions will influence positively the creativity and will result in effective solutions of many problems of dynamical systems in mechanics, both in terms of theory and applications.*

On behalf of the Organizing Committee



Chairman  
Prof. Jan Awrejcewicz