Preface

As the fourth of a conference series in Mathematics, Josai University sponsored the Second Symposium on Nonlinear Analysis and its Application (NLA97: Complex Dynamical Systems) during the week of May 29 – 31, 1997, at the Conference Hall of MIZUTA Memorial Library, Josai University.

The scientific program consisted of 15 lectures, listed below, containing two special one-hour-lectures given by Professor M.TANIGUCHI (Kyoto University) and Professor M.SHISHIKURA (Tokyo University).

The Complex Dynamical Systems theory is the principale theme of this volume, together with related studies of chaos and fractals. The lectures covered a wide range of topics from this theme. This volume contains expanded versions of the thirteen lectures delivered during the course.

The editor takes pleasure in thanking all participants and authors in producing this volume.

We would especially like to thank Josai University for the generous financial support to the second symposium of NLA97 and publication of this proceedings as SCIENCE BULLETIN OF JOSAI UNIVERSITY, Special Issue No.4. Thanks are also due to the university staff for their generous support to this symposium.

We hope this proceedings would contribute to the developement of complex dynamical systems.

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