非線形発展方程式と
その応用

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Nonlinear Evolution Equations

and Their Applications

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Research Institute for Mathematical Sciences

Kyoto University, Kyoto, Japan

Preface

This volume collects most of the lectures delivered at the conference, *Nonlinear Evolution Equations and Their Applications*, held at Research Institute for Mathematical Sciences, Kyoto University, during July 19 - 21, 1993. Most of the lectures concerned the theory of nonlinear evolution equations, their applications to nonlinear partial differetial equations and related topics in nonlinear partial differential equations. It is my pleasure to thank all those who cooperated to make this volume possible.

The conference was made possible by financial support from the Research Institute for Mathematical Sciences. I wish to thank the Institute for its support and for publishing these proceedings.

Hitoshi Ishii
Chuo University

January 26, 1995

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＊ The proceedings of the following lectures were not available before
　 the deadline.

　 The Laplace transform and evolution equations
　　　　Louisiana大・数学　　　　　F. Neubrander

　 The Cauchy problem for geometric wave equations
　　　New York大・Courant研究所　　　J. Shatah