

数理解析研究所講究録 1105

非線形発展方程式とその応用

京都大学数理解析研究所

1999年7月

Preface

This proceedings contains most of the articles which were read in the conference, **Nonlinear Evolution Equations and Applications**, held at RIMS (Research Institute for Mathematical Sciences, Kyoto University, Kyoto, Japan) from October 19 to 21, 1998.

By applying the mathematical tools and ideas developed in the theory of nonlinear evolution equations, these articles attempt to solve various problems arising from several branches of mathematical sciences. I hope that these help to breed the harmony between the pure theory of nonlinear evolution equations and the applications to nonlinear PDEs.

I wish to thank the generous support and assistance given by RIMS, which made this conference possible. I would also like to express my gratitude to all speakers for their sincere contributions and to all the participants for their enthusiastic response and cooperation in the conference.

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June, 1999

非線形発展方程式とその応用
 Nonlinear Evolution Equations and Applications
 研究集会報告集

1998年10月19日～10月21日

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