

数理解析研究所講究録 1061

非線形発展方程式とその応用

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Preface

This proceedings contains all 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 20 to 22, 1997.

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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