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微分方程式の粘性解とその周辺

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This is a report of research done at the Research Institute for Mathematical Sciences, Kyoto University. The papers contained herein are in final form and will not be submitted for publication elsewhere.

Preface

This volume contains the proceedings of the lectures delivered at the conference, Viscosity Solutions of Differential Equations and Related Topics, held at the Research Institute for Mathematical Sciences, Kyoto University, during June 24–26, 2009. All the papers in this volume are concerned with recent developments in the theory of viscosity solutions and related topics in differential equations. The conference was possible by support from the Research Institute for Mathematical Sciences. Also, financial support from the Japan Society for the Promotion of Science through its Grant-in-Aid for Scientific Research was helpful for making the conference successful. We would like to thank the Research Institute for Mathematical Sciences and the Japan Society for the Promotion of Science for their support and all those who cooperated to publish this volume.

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