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数理解析研究所講究録 401 /

短期共同研究

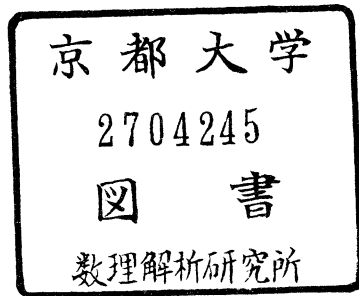
数値積分の研究

京都大学数理解析研究所

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RIMS Kokyuroku 401

Numerical Integration and Related Topics



October, 1980

Research Institute for Mathematical Sciences

Kyoto University, Kyoto, Japan

Preface

Seminar on Numerical Integration and Related Topics was held at the Research Institute for Mathematical Sciences, Kyoto University on June 23, 1980 to June 24 in the framework of the cooperative research activities of the Institute. Seven papers were presented at the Seminar and twenty seven numerical analysts participated which include Professor Philip Rabinowitz, Weizmann Institute of Science.

This volume forms the Proceedings of the Seminar which contains five of the presented papers. The titles and the speakers of the other two which are not contained in this volume were "Computational verification of the existence of the global maximum of a multivariable function" by Takao Tsuda and "Computer approximations for mathematical functions" by Ichizo Nimomiya.

Finally we wish to express our gratitude to the Research Institute for Mathematical Sciences for their support and cooperations.

October 7, 1980

Masatake Mori, ed.

The University of Tsukuba

Seminar on
Numerical Integration and Related Topics

June 23 - 24, 1980

Organizer Masatake Mori

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