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数理解析研究所講究録 819

正則写像の理論と
ディオファントス幾何学

禁帯出期間

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1993年1月

**INTERNATIONAL SYMPOSIUM
HOLOMORPHIC MAPPINGS, DIOPHANTINE
GEOMETRY and RELATED TOPICS**

**in Honor of Professor Shoshichi Kobayashi
on his 60th Birthday**

R.I.M.S., Kyoto University

October 26 - October 30, 1992

Organizer: Junjiro Noguchi (T.I.T.)

FOREWORD

The subjects of this symposium were value distribution theory (Nevanlinna theory) in several complex variables, hyperbolic manifolds, moduli problems for holomorphic mappings, geometric Diophantine problems, and some related topics. On the first day of the symposium it was proposed and agreed by all participants so that the symposium was presented to Professor Shoshichi Kobayashi as a gift for his 60th birthday. He was born in January 4, 1932. His Mathematical work ranges broad from differential geometry to complex analysis, and the theme of this symposium is a part of his main subjects where he has made and is making many deep and invaluable contributions.

This symposium was made possible by the supports of various organizations. First, I thank Research Institute for Mathematical Sciences, Kyoto University for the financial support, good facilities and the hospitality. I express my gratitude for the financial supports of Monbusho Grant-in-Aid for Cooperative Research (A) 04302006 represented by Professor Fumiyuki Maeda (Hiroshima University), and of Monbusho Grant-in-Aid for Scientific Research 92087 represented by myself. I sincerely appreciate CSK Corp. for the kind financial support which was used for such expenses as the budgets from the former ones could not cover. At last, but not at least I deeply appreciate the contributions made by the speakers and all the participants of which number was about 80.

The order of the papers of this volume is the same as that of the talks given at the symposium.

December, 1992 J. Noguchi



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