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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



# CONTENTS

1. Wilhelm Stoll (Notre Dame) O'Shea's defect relation for slowly moving targets .....	1
2. Manabu Shirosaki (Osaka Prefecture University) Value distribution for moving targets .....	11
3. Seiki Mori (Yamagata University) Order of a holomorphic curve with maximal deficiency sum for moving targets .	25
4. Hirotaka Fujimoto (Kanazawa University) Some function-theoretic properties of the Gauss map of minimal surfaces .....	35
5. Satoru Shimizu (Tohoku University) Automorphisms of tube domains .....	50
6. Akio Kodama (Kanazawa University) Some characterization of generalized complex ellipsoids in $\mathbf{C}^n$ and related problems	56
7. Junjiro Noguchi (Tokyo Institute of Technology) Some problems in value distribution and hyperbolic manifolds .....	66
8. Lin Weng (Singapore National University) From subvarieties of Abelian varieties to Kobayashi hyperbolic manifolds: after P. Vojta and G. Faltings .....	80
9. Hà Huy Khoái (Hanoi Institute of Mathematics) Height of $p$ -adic holomorphic functions and applications .....	96
10. Masahiko Saito (Kyoto University) On Mordell-Weil group of abelian schemes .....	106
11. Pit-Mann Wong (Notre Dame) Recent results in hyperbolic geometry and Diophantine geometry .....	120
12. Mikhail G. Zaidenberg (Grenoble University) Hyperbolicity in projective spaces .....	136
13. Makoto Suzuki (Hiroshima University) Moduli spaces of holomorphic mappings into hyperbolically imbedded complex spaces and hyperbolic fiber spaces .....	157
14. Kazuhisa Maehara (Tokyo Institute of Polytechnics) Diophantine problems of algebraic varieties and the Hodge theory .....	167
15. Tatiana Bandman (College of Judea and Samara) On the number of holomorphic mappings of a quasiprojective variety .....	188

16. Hajime Tsuji (Tokyo Institute of Technology)	
On Zariski decomposition .....	203
17. Kensho Takegoshi (Osaka University)	
A degenerate metric induced on the dual of nef line bundles .....	218
18. Ryoichi Kobayashi (Nagoya University)	
On the existence of Ricci-flat Kähler metrics on affine algebraic manifolds and its application to a characterization of $\mathbf{P}_n(\mathbf{C})$ .....	224
19. Shoshichi Kobayashi (University of Californai, Berkeley)	
Relative instrinsic pseudo-distance .....	239