

平成元年 10 月 15 日 印刷

平成元年 10 月 20 日 発行

編集発行者 東京工業大学
理学部数学教室
152 東京都目黒区大岡山 2-12-1

印刷所 学術図書印刷株式会社
176 東京都練馬区豊玉北 2-13

Printed by
GAKUZITSUTOSHO PRINTING CO., LTD.
Nerima-ku, Tokyo, Japan

CONTENTS

Kodai Mathematical Journal Vol. 12, No. 3

MASAHIKO TANIGUCHI, A note on the second variational formulas of functionals on Riemann surfaces	283
PATRICK COULTON AND HILLEL GAUCHMAN, Submanifolds of quaternion projective space with bounded second fundamental form	296
REIKO MIYAOKA, Dupin hypersurfaces with six principal curvatures	308
YŪJI HASHIMOTO AND KIKUJI MATSUMOTO, Picard sets admitting exceptionally ramified meromorphic functions	316
HIDEHARU UEDA, On meromorphic functions with regions free of poles and zeros	325
YUTAKA ANDO, Cohomology of a Hopt algebra over Z_2	332
TATSUO HISAMATSU, A remark about the Taniyama-Weil conjecture for an Elliptic curve defined by an equation $y^2=x^3+D^2x+D^3$	339
TOMINOSUKE OTSUKI, A certain property of geodesics of the family of Riemannian manifolds $O_n^2(X)$	346
NIKOLAOS S. PAPAGEORGIOU, Relaxation of infinite dimensional variational and control problems with state constraints	392
AKIRA INATOMI, On Zp -extensions of real abelian fields	420
TADEUSZ KUCZUMOW AND ADAM STACHURA, Common fixed points of commuting holomorphic mappings	423
JIAN-YONG QIAO, The value distribution of entire functions of finite order..	429
HIROSHIGE SHIGA AND HARUMI TANIGAWA, On the Maskit coordinates of Teichmuller spaces and modular transformations	437