昭和 62 年 2 月 15 日 印刷 昭和 62 年 2 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. 10, No. 1

KOHHEI YAMAGUCHI, The group of self-homotopy equivalences of S ² -bundles	
over S ⁴ , II: Applications	1
D. A. HERRON, The Harnack and other conformally invariant metrics	9
YÛSAKU KOMATU, On a family of integral operators related to fractional	
calculus	20
MAKOTO SAKAKI, A uniqueness theorem for minimal surfaces in S^3	39
GUODONG SONG AND JUE HUANG, On pseudo-primality of the <i>n</i> -th power	
of prime entire functions	42
RYSZARD PLUCIENNIK, Representation of additive functionals on Musielak-	
Orlicz space of vector-valued functions	49
YASUNORI SAWANO, Region and number of periodic solutions of Duffing's	
equation	55
CHONGII DAI AND LU JIN, Number of deficient values of a class mero-	
morphic function	74
KAZUO AZUKAWA, The invariant pseudo-metric related to negative pluri-	
subharmonic functions	83
BANG-YEN CHEN, Some estimates of total tension and their applications	93
D.E. BLAIR AND L. VANHECKE, New characterization of φ -symmetric	
spaces	102
SEIYA SASAO, Extendability of certain maps	108
TAKASHI OKAYASU, Minimal immersions of curvature pinched 2-manifolds	
into spheres	116
TSUNEYO YAMANOSHITA, On the spaces of self homotopy equivalences for	
fibre spaces	127
AUREL BEJANCU AND TOMINOSUKE OTSUKI, General Finsler connections on	
a Finsler vector bundle	143