

JANUARY, 1992

VOL. LXVIII, Ser. A, No. 1
PJAADT 68A(1) 1-32 (1992)
ISSN 0386-2194

PROCEEDINGS
OF THE
JAPAN ACADEMY

SERIES A
MATHEMATICAL SCIENCES

CONTENTS

Papers Communicated:—

	Page
S. TAKAHASHI: On the Poincaré-Bogovski Lemma Differential Forms	1
S. MUKAI: Curves and Symmetric Spaces	7
M. HOMMA and H. KAJI: On the Inseparable Degree of the Gauss Map of Higher Order for Space Curves.	11
R. A. MOLLIN: On the Divisor Function and Class Numbers of Real Quadratic Fields. IV	15
S. KATAYAMA: On Fundamental Units of Real Quadratic Fields with Norm +1.	18
K. YAMAMURA: The Determination of the Imaginary Abelian Number Fields with Class Number One	21
Y. IHARA: A Remark on Higher Circular l -Units	25
N. E. CHO and S. OWA: Certain Differential Operators for Meromorphically p -valent Convex Functions	28
Proceedings at the 855th General Meeting	I

Published by the Japan Academy
Ueno Park, Tokyo