

PROCEEDINGS

OF THE

JAPAN ACADEMY

SERIES A

MATHEMATICAL SCIENCES

CONTENTS

Papers Communicated:—

	Page
S. TANABÉ: Quelques exemples d'opérateurs hypoelliptiques à caractérisitiques doubles	31
A. INOUE: A Certain Functional Derivative Equation Corresponding to $\square u + cu + bu^2 + au^3 = g$ on R^{d+1}	35
T. NODA: A Modification of the Gradient Method and Function Extremization	39
K. UENO: A Geometric Study on Systems of First Order Differential Equations	43
S. SAITO: Global Behavior of Solutions of Quasilinear Ordinary Differential Systems	47
A. FUJII: On a Theorem of Landau	51
M. TAKEUCHI: Quantum Orthogonal and Symplectic Groups and their Embedding into Quantum GL	55
K. IWASAWA: A Note on Capitulation Problem for Number Fields . .	59
K. HATADA: Correspondences for Hecke Rings and l -Adic Cohomology Groups on Smooth Compactifications of Siegel Modular Varieties	62
Proceedings at the 826th General MeetingIII