

PROCEEDINGS OF THE JAPAN ACADEMY

SERIES A MATHEMATICAL SCIENCES

CONTENTS

Papers Communicated:—

	Page
G. NAKAMURA and Y. SHIBATA: On a Local Existence Theorem for Quasilinear Hyperbolic Mixed Problems with Neumann Type Boundary Conditions	117
T. MORITA: Entropy of Random Dynamical Systems	121
S. OWA and H. M. SRIVASTAVA: Some Applications of the Generalized Libera Integral Operator	125
K. TANAKA: Density of the Range of a Wave Operator with Non-monotone Superlinear Nonlinearity	129
S. KAIZU: An Average Effect of Many Tiny Holes in Nonlinear Boundary Value Problems with Monotone Boundary Conditions	133
Y. MORIMOTO: On a Criterion for Hypoellipticity	137
S. TSUYUMINE: Multi-Tensors of Differential Forms on the Siegel Modular Variety and on its Subvarieties	141
T. KOHNO: Homology of a Local System on the Complement of Hyperplanes	144
S. MORITA: On the Homology Groups of the Mapping Class Groups of Orientable Surfaces with Twisted Coefficients	148
Y. MOTOHASHI: A Note on the Mean Value of the Zeta and L -functions. III	152
K. SUTO: On the Kazhdan-Lusztig Conjecture for Kac-Moody Algebras	155

(Continued on Back Cover)