

PROCEEDINGS

OF THE

JAPAN ACADEMY

SERIES A

MATHEMATICAL SCIENCES

CONTENTS

Papers Communicated:—

	Page
Y. MOTOHASHI: On the Deuring-Heilbronn Phenomenon. I.	1
Y. SHIZUTA and K. ASANO: Global Solutions of the Boltzmann Equation in a Bounded Convex Domain	3
M. SATO, T. MIWA, and M. JIMBO: Studies on Holonomic Quantum Fields. I	6
G. IKEGAMI: Topologically Unequivalent Diffeomorphisms Whose Sus- pensions Are C^∞ Equivalent	11
S. KOSHITANI: On the Nilpotency Indices of the Radicals of Group Algebras of p -Solvable Groups	13
M. YAMAMOTO: On the Homogeneous Linear Systems of Differential Equations with Variable Coefficients.	17
Y. OKUNO and M. YAMAMOTO: On the Relations between the Stability of Linear Systems and the Characteristic Roots of the Coefficient Matrix	21
Y. MOTOHASHI: On the Deuring-Heilbronn Phenomenon. II	25
T. FUJITA: Some Remarks on Kodaira Dimensions of Fibre Spaces	28
T. MABUCHI: Algebraic Threefolds with Ample Tangent Bundle	31
K. AOMOTO: On the Acyclicity of Free Cobar Constructions. I	35
K. HATADA: On the Divisibility by 2 of the Eigenvalues of Hecke Operators	37
Proceedings at the 708th General Meeting	I