

JUNE, 1987

VOL. LXIII, Ser. A, No. 6
PJAADT 63A(6) 179-234 (1987)
ISSN 0386-2194

PROCEEDINGS
OF THE
JAPAN ACADEMY

SERIES A
MATHEMATICAL SCIENCES

CONTENTS

Papers Communicated:—

	Page
K. KIKUCHI: A Result on the Scattering Theory for First Order Systems with Long-range Perturbations	179
S. TAKAHASHI: Limiting Behaviour of Linear Cellular Automata . .	182
T. NODA: The Steffensen Iteration Method for Systems of Nonlinear Equations. II	186
S. SAITO and M. YAMAMOTO: On the Existence of Solutions for the Boundary Value Problem of Quasilinear Differential Equations on an Infinite Interval	190
H. YAMASHITA: Whittaker Models for Highest Weight Representations of Semisimple Lie Groups and Embeddings into the Principal Series	194
S. MAEDA: Completely Integrable Symplectic Mapping	198
J.-L. MAUCLAIRE: Sur certaines fonctions définies par les chiffres des entiers	201
P. KISS and R. F. TICHY: On Uniform Distribution of Sequences . . .	205
VENKATESWARA R. Y. and SATYANARAYANA Bh.: A Note on Modules . .	208
K. SATO: On a Problem of R. Brauer on Zeta-Functions of Algebraic Number Fields. II	212
T. WATANABE: The Irreducible Decomposition of the Unramified Principal Series	215

(Continued on Back Cover)

Published by the Japan Academy
Ueno Park, Tokyo