

NAGOYA
MATHEMATICAL JOURNAL

VOL. 19

OCTOBER, 1961

PUBLISHED BY
DEPARTMENT OF MATHEMATICS, FACULTY OF SCIENCE
NAGOYA UNIVERSITY

NAGOYA
MATHEMATICAL JOURNAL

VOL. 19

OCTOBER, 1961

Edited by

MASATAKE KURANISHI, SIGEKATU KURODA, YOZŌ MATSUSHIMA,
TADASI NAKAYAMA, KIYOSHI NOSHIO, KATUDI ONO,
TIKAO TATUZAWA, KŌSAKU YOSIDA

PUBLISHED BY

MATHEMATICAL INSTITUTE, FACULTY OF SCIENCE
NAGOYA UNIVERSITY

CONTENTS

Anwendung Jacobischer Thetafunktionen auf die Potenzreste.	T. KUBOTA	1
Über Quadratische Charaktersummen.	T. KUBOTA	15
Corresponding Group and Module Sequences.	R. H. CROWELL	27
The Existence of Non-Euclidean Cercles de Remplissage in Certain Subsets of the Unit Disc.	L. H. LANGE	41
On Herstein's Theorem Concerning Three Fields.	C. FAITH	49
On the Local Theory of Continuous Infinite Pseudo Groups II.	M. KURANISHI	55
Abstract Evolution Equation of Parabolic Type in Banach and Hilbert Spaces.	T. KATO	93
On Frobenius Extensions II.	T. NAKAYAMA and T. TSUZUKU	127
A Theorem on an Analytic Mapping of Riemann Surfaces.	M. KURITA	149
A Generalization of Suspension Theorems.	Y. NOMURA	159
A Property of Meta-Abelian Extensions.	Y. FURUTA	169
On Some Criteria for a Set to be of Class $N_{\frac{3}{2}}$	N. SUITA	189
A Correction to My Paper "on the Non-Commutativity of Pontrjagin Rings mod 3 of Some Compact Exceptional Groups".	S. ARAKI	195

