

NAGOYA  
MATHEMATICAL JOURNAL

VOL. 7

JUNE, 1954

PUBLISHED BY  
DEPARTMENT OF MATHEMATICS, FACULTY OF SCIENCE  
NAGOYA UNIVERSITY



NAGOYA  
MATHEMATICAL JOURNAL

VOL. 7

JUNE, 1954

Edited by

SIGEKATU KURODA, YOZÔ MATSUSHIMA,  
TADASI NAKAYAMA, KIYOSHI NOSHIRO, KATUDI ONO, KÔSAKU YOSIDA

PUBLISHED BY

MATHEMATICAL INSTITUTE, FACULTY OF SCIENCE  
NAGOYA UNIVERSITY



## CONTENTS

On the Theory of Henselian Rings, II .....	M. NAGATA	1
La Notion D'anneau de Décomposition .....	C. CHEVALLEY	21
A Note on Euler Numbers and Polynomials .....	L. CARLITZ	35
Eine Darstellung der Intuitionistischen Logik in der Klassischen .....		
.....	S. MAEHARA	45
Boundary Components of Riemann Surfaces .....	M. OHTSUKA	65
Baire Sets, Borel Sets and Some Typical Semi-Continuous Functions....		
.....	K. NAGAMI	85
Cycles and Endomorphisms of Abelian Varieties .....	H. MORIKAWA	95
Sur le Prolongement D'un Pseudogroupe D'isomorphismes Locaux D'une Variété Différentiable .....	Y. MATSUSHIMA	103
On the Compacity of the Orthogonal Groups .....	T. Ono	111
Algebras with Vanishing $n$ -Cohomology Groups .....		
.....	M. IKEDA, H. NAGAO and T. NAKAYAMA	115
On the Group Structure in Homotopy Groups.....	M. KURANISHI	133
On Associative Compositions in Finite Nilpotent Groups.....		
.....	N. IWAHORI and A. HATTORI	145
A Lemma on a Free Group.....	A. MORIMOTO	149

