

# OSAKA JOURNAL OF MATHEMATICS

EDITED BY

M. HARADA      N. IKEDA  
N. NINOMIYA    H. OZEKI

Vol. 10   No. 3

December 1973

PUBLISHED JOINTLY BY THE  
DEPARTMENTS OF MATHEMATICS  
OSAKA UNIVERSITY AND OSAKA CITY UNIVERSITY

All communications relating to this publication should be addressed to the Osaka Journal of Mathematics, c/o Department of Mathematics, Osaka University, Toyonaka 560, (Osaka), Japan.

This journal is a continuation of two journals "Osaka Mathematical Journal" and "Journal of Mathematics, Osaka City University", which have been published by the Departments of Mathematics, Osaka University and Osaka City University.

Starting with Volume 8, each volume of the Osaka Journal of Mathematics consists of three numbers.