

OSAKA JOURNAL  
OF  
MATHEMATICS

EDITED BY

A. FUJIKI    A. KASUE    S. KOTANI    M. MASUDA

M. MIYANISHI (Chairman)      T. NISHITANI

WITH THE COOPERATION OF

E. DATE	T. HIBI	T. IBUKIYAMA
Y. IMAYOSHI	T. KAMAE	Y. KAMETAKA
M. KANEDA	N. KAWANAKA	A. KAWAUCHI
N. KOISO	T. KOMATSU	T. MABUCHI
A. MATSUMURA	H. NAGAI	M. NAGASE
Y. NAKAMURA	M. NAMBA	Y. SAKANE
T. SUZUKI	Y. TSUSHIMA	S. USUI
	Y. YAMAMOTO	

Vol. 37 2000

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