## Tôhoku Mathematical Journal 東北數學雜誌

THE SCIENCE REPORTS OF THE TÔHOKU UNIVERSITY, SIXTH SERIES

(FOUNDED BY T. HAYASHI)

EDITED BY

RYOSHI HOTTA JUNJI KATO TADASHI KURODA TADAO ODA SATORU IGARI TAKESHI KOTAKE YASUO MORITA ICHIRO SATAKE

NORIO SHIMAKURA

WITH THE CO-OPERATION OF THE

MATHEMATICAL INSTITUTE OF TÔHOKU UNIVERSITY

SECOND SERIES VOL. 41, NO. 3

September 1989

© THE TÔHOKU UNIVERSITY SENDAI, 980 JAPAN