

Arrangements – Tokyo 1998

**ADVANCED STUDIES
IN PURE MATHEMATICS 27**

Chief Editor: Eiichi Bannai (Kyushu University)

Arrangements – Tokyo 1998

Edited by

Michael Falk (Northern Arizona Univ.) and

Hiroaki Terao (Tokyo Metropolitan Univ.)

Published for the Mathematical Society of Japan by

KINOKUNIYA COMPANY LTD.

TOKYO, JAPAN

This book was typeset by \LaTeX and \LaTeX , the \TeX macro systems of the American Mathematical Society, together with the style files `aspm.sty` and `aspmfm.sty` for \LaTeX written by Dr. Chiaki Tsukamoto and `aspmproc.sty` for \LaTeX written by Dr. Akihiro Munemasa.

\TeX is a trademark of the American Mathematical Society.

©2000 by the Mathematical Society of Japan.

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the copyright owner.

Edited by the Mathematical Society of Japan.

Published for the Mathematical Society of Japan and distributed in Japan by Kinokuniya Company Ltd., Tokyo, Japan.

Distributed outside Japan by the American Mathematical Society.

ISBN 4-314-10140-7

2000 Mathematics Subject Classification.

Primary 32S22; Secondary 52C30, 55N25, 33C70, 20F36.

Advanced Studies in Pure Mathematics 27

Chief Editor

Eiichi Bannai (Kyushu University)

Editorial Board of the Series

HITOSHI ARAI
(Univ. of Tokyo)

EIICHI BANNAI
(Kyushu Univ.)

YOSHIKAZU GIGA
(Hokkaido Univ.)

KI-ICHIRO HASHIMOTO
(Waseda Univ.)

KAZUYA KATO
(Univ. of Tokyo)

TOSHITAKE KOHNO
(Univ. of Tokyo)

YOICHI MIYAOKA
(Kyoto Univ.)

SEIKI NISHIKAWA
(Tohoku Univ.)

JUNJIRO NOGUCHI
(Univ. of Tokyo)

TOSHIYUKI TANISAKI
(Hiroshima Univ.)

PRINTED IN JAPAN

by Tokyo Shoseki Printing Co., Ltd.