

CR-Geometry and Overdetermined Systems

**ADVANCED STUDIES
IN PURE MATHEMATICS 25**

Chief Editor: Tadao Oda (Tohoku University)

**CR-Geometry and Overdetermined
Systems**

Edited by

Takao Akahori (Himeji Institute of Technology)

Gen Komatsu (Osaka University)

Kimio Miyajima (Kagoshima University)

Makoto Namba (Osaka University) and

Keizo Yamaguchi (Hokkaido University)

Published for the Mathematical Society of Japan by

KINOKUNIYA COMPANY LTD.

TOKYO, JAPAN

This book was typeset by $\mathcal{A}\mathcal{M}\mathcal{S}$ - $\mathcal{T}\mathcal{E}\mathcal{X}$ and $\mathcal{A}\mathcal{M}\mathcal{S}$ - $\mathcal{L}\mathcal{A}\mathcal{T}\mathcal{E}\mathcal{X}$, the $\mathcal{T}\mathcal{E}\mathcal{X}$ macro systems of the American Mathematical Society, together with the style files `aspm.sty` and `aspmfm.sty` for $\mathcal{A}\mathcal{M}\mathcal{S}$ - $\mathcal{T}\mathcal{E}\mathcal{X}$ written by Dr. Chiaki Tsukamoto and `aspmproc.sty` for $\mathcal{A}\mathcal{M}\mathcal{S}$ - $\mathcal{L}\mathcal{A}\mathcal{T}\mathcal{E}\mathcal{X}$ written by Dr. Akihiro Munemasa.

$\mathcal{T}\mathcal{E}\mathcal{X}$ is a trademark of the American Mathematical Society.

©1997 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 4-314-10127-X

1991 Mathematics Subject Classification.

Primary 32Fxx, 32Gxx; Secondary 33Cxx, 35Mxx, 53Cxx, 58Gxx.

Advanced Studies in Pure Mathematics 25

Chief Editor

Tadao Oda (Tohoku University)

Editorial Board of the Series

HITOSHI ARAI (Tohoku Univ.)	EIICHI BANNAI (Kyushu Univ.)	YASUTAKA IHARA (Kyoto Univ.)
MITSURU IKAWA (Osaka Univ.)	MASAKI KASHIWARA (Kyoto Univ.)	KAZUYA KATO (Univ. of Tokyo)
YUJIRO KAWAMATA (Univ. of Tokyo)	TETSUJI MIWA (Kyoto Univ.)	SHIGEYUKI MORITA (Univ. of Tokyo)
SHIGERU MUKAI (Nagoya Univ.)	SEIKI NISHIKAWA (Tohoku Univ.)	JUNJIRO NOGUCHI (Tokyo Inst. of Tech.)
TAKUSHIRO OCHIAI (Univ. of Tokyo)	TADAO ODA (Tohoku Univ.)	TOSHIO OSHIMA (Univ. of Tokyo)
TOSHIKAZU SUNADA (Tohoku Univ.)	YOICHIRO TAKAHASHI (Kyoto Univ.)	TOSHIYUKI TANISAKI (Hiroshima Univ.)

PRINTED IN JAPAN

by Tokyo Shoseki Printing Co., Ltd.