

Algebraic Geometry 2000, Azumino

**ADVANCED STUDIES  
IN PURE MATHEMATICS 36**

Chief Editor: Eiichi Bannai (Kyushu University)

---

**Algebraic Geometry 2000, Azumino**

Edited by

**Sampei Usui** (Osaka University) (Chief)

**Mark Green** (UCLA)

**Luc Illusie** (Université de Paris-Sud)

**Kazuya Kato** (Kyoto University)

**Eduard Looijenga** (University of Utrecht)

**Shigeru Mukai** (RIMS, Kyoto University) and

**Shuji Saito** (Nagoya University)

**Mathematical Society of Japan**

*This book was typeset by  $\text{\AA}MS\text{-}T_{\text{E}}X$  and  $\text{\AA}MS\text{-}L_{\text{A}}T_{\text{E}}X$ , the  $T_{\text{E}}X$  macro systems of the American Mathematical Society, together with the style files `aspm.sty` and `aspmfm.sty` for  $\text{\AA}MS\text{-}T_{\text{E}}X$  written by Dr. Chiaki Tsukamoto and `aspmproc.sty` for  $\text{\AA}MS\text{-}L_{\text{A}}T_{\text{E}}X$  written by Dr. Akihiro Munemasa.*

*$T_{\text{E}}X$  is a trademark of the American Mathematical Society.*

*©2002 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.*

*Distributed outside Japan by the American Mathematical Society.*

*ISBN 4-931469-20-5*

*2000 Mathematics Subject Classification.*

*11S20, 14A20, 14B05, 14C30, 14C34, 14D05, 14D06, 14D07, 14F20, 14F30, 14F40, 14H15, 14H25, 14H52, 14J15, 14J27, 14J28, 14J29, 14L05, 22E40, 32G20, 32N10, 32S35, 32S50, 57M99.*

## **Advanced Studies in Pure Mathematics 36**

**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**  
(Kyoto Univ.)

**TOSHITAKE KOHNO**  
(Univ. of Tokyo)

**YOICHI MIYAOKA**  
(Univ. of Tokyo)

**SEIKI NISHIKAWA**  
(Tohoku Univ.)

**JUNJIRO NOGUCHI**  
(Univ. of Tokyo)

**TOSHIYUKI TANISAKI**  
(Osaka City Univ.)

**PRINTED IN JAPAN**

by Tokyo Shoseki Printing Co., Ltd.