ALGEBRAIC GEOMETRY

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*Proceedings of the Conference at Berlin
9–15 March 1988*

Edited by

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Reprinted from

COMPOSITIO MATHEMATICA

Volume 76, Nos 1 & 2, 1990

KLUWER ACADEMIC PUBLISHERS

DORDRECHT / BOSTON / LONDON

ISBN-13:978-94-010-6793-5 e-ISBN-13:978-94-009-0685-3
DOI: 10.1007/978-94-009-0685-3

Published by Kluwer Academic Publishers,
P.O. Box 17, 3300 AA Dordrecht, The Netherlands.

Kluwer Academic Publishers incorporates
the publishing programmes of
D. Reidel, Martinus Nijhoff, Dr W. Junk and MTP Press.

Sold and distributed in the U.S.A. and Canada by
Kluwer Academic Publishers,
101 Philip Drive, Norwell, MA 02061, U.S.A.

In all other countries, sold and distributed by
Kluwer Academic Publishers Group,
P.O. Box 322, 3300 AH Dordrecht, The Netherlands.

Printed on acid-free paper

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Softcover reprint of the hardcover 1st edition 1990

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Special Issue

ALGEBRAIC GEOMETRY

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Preface

The Conference on Algebraic Geometry, held in Berlin 9–15 March 1988, was organised by the Sektion Mathematik of the Humboldt-Universität. The organising committee consisted of H. Kurke, W. Kleinert, G. Pfister and M. Roczen. The Conference is one in a series organised by the Humboldt-Universität at regular intervals of two or three years, with the purpose of providing a meeting place for mathematicians from eastern and western countries.

The present volume contains elaborations of part of the lectures presented at the Conference and some articles on related subjects. All papers were subject to the regular refereeing procedure of *Compositio Mathematica*, and H. Kurke acted as a guest editor of this journal.

The papers focus on actual themes in algebraic geometry and singularity theory, such as vector bundles, arithmetical algebraic geometry, intersection theory, moduli and Hodge theory.

We are grateful to all those who, by their hospitality, their presence at the Conference, their support or their written contributions, have made this Conference a success.

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