

1. Record Nr.	UNISA996466766303316
Titolo	Complex algebraic varieties : proceedings of a conference held in Bayreuth, Germany, April 2-6 1990 / / edited by Klaus Hulek [and three others]
Pubbl/distr/stampa	Berlin ; ; Heidelberg : , : Springer-Verlag, , [1992] ©1992
ISBN	3-540-46786-6
Edizione	[1st ed. 1992.]
Descrizione fisica	1 online resource (VII, 179 p.)
Collana	Lecture Notes in Mathematics ; ; 1507
Disciplina	516.35
Soggetti	Algebraic varieties - Classification theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Annulation du H^1 pour les fibrés en droites plats -- Results on varieties with many lines and their applications to adjunction theory -- The stability of certain vector bundles on $\mathbb{P}^n$ -- Vector bundles, linear systems and extensions of $\mathbb{P}^1$ -- Vers une stratification de l'espace des modules des variétés abéliennes principalement polarisées -- Singular hermitian metrics on positive line bundles -- On adjoint bundles of ample vector bundles -- Moderate degenerations of algebraic surfaces -- Genus two fibrations revisited -- Numerically effective vector bundles with small Chern classes -- On the rank of non-rigid period maps in the weight one and two case -- The geometry of the special components of moduli space of vector bundles over algebraic surfaces of general type.
Sommario/riassunto	The Bayreuth meeting on "Complex Algebraic Varieties" focussed on the classification of algebraic varieties and topics such as vector bundles, Hodge theory and hermitian differential geometry. Most of the articles in this volume are closely related to talks given at the conference: all are original, fully refereed research articles. CONTENTS: A. Beauville: Annulation du H^1 pour les fibres en droites plats.- M. Beltrametti, A.J. Sommese, J.A. Wisniewski: Results on varieties with many lines and their applications to adjunction theory.- G. Bohnhorst, H. Spindler: The stability of certain vector bundles on $\mathbb{P}(n)$.- F. Catanese, F. Toven: Vector bundles, linear systems and extensions of

(1).- O. Debarre: Vers une stratification de l'espace des modules des variétés abéliennes principalement polarisées.- J.P. Demailly: Singular hermitian metrics on positive line bundles.- T. Fujita: On adjoint bundles of ample vector bundles.- Y. Kawamata: Moderate degenerations of algebraic surfaces.- U. Persson: Genus two fibrations revisited.- Th. Peternell, M. Szurek, J.A. Wisniewski: Numerically effective vector bundles with small Chern classes.- C.A.M. Peters: On the rank of non-rigid period maps in the weight one and two case.- A. N. Tyurin: The geometry of the special components of moduli space of vector bundles over algebraic surfaces of general type.
