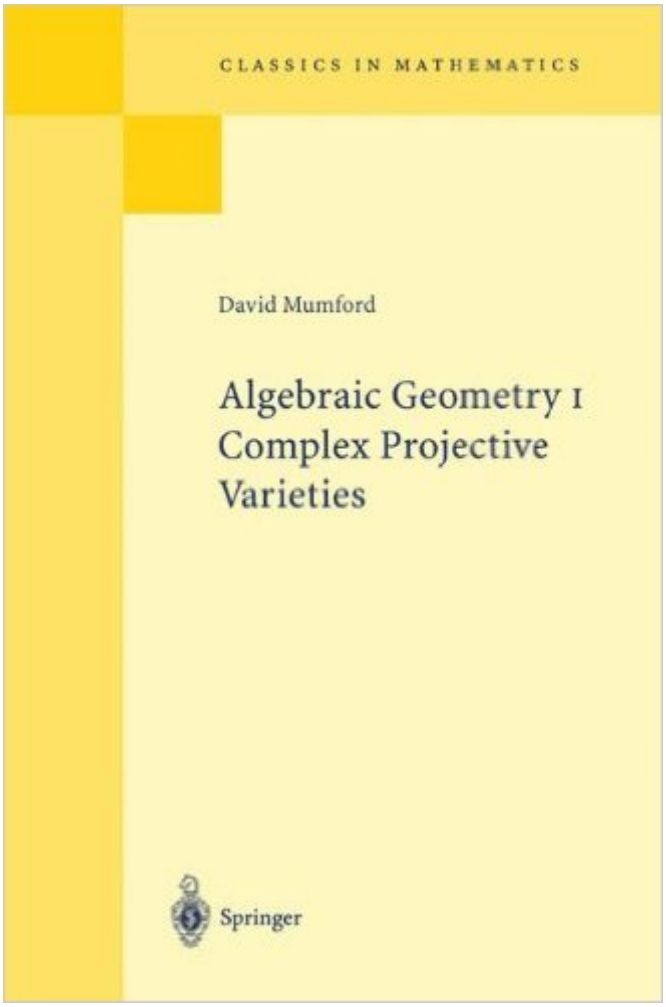
The book was found

Algebraic Geometry I: Complex Projective Varieties (Classics In Mathematics)



PDF
Adobe
DOWNLOAD EBOOK

Synopsis

From the reviews: "Although several textbooks on modern algebraic geometry have been published in the meantime, Mumford’s "Volume I" is, together with its predecessor the red book of varieties and schemes, now as before one of the most excellent and profound primers of modern algebraic geometry. Both books are just true classics!" Zentralblatt

Book Information

Series: Classics in Mathematics

Paperback: 186 pages

Publisher: Springer; Reprint of the 1st ed. Berlin, Heidelberg, New York 1976. Corr. 2nd printing 1981. edition (October 4, 2013)

Language: English

ISBN-10: 3540586571

ISBN-13: 978-3540586579

Product Dimensions: 6.1 x 0.5 x 9.2 inches

Shipping Weight: 10.6 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (2 customer reviews)

Best Sellers Rank: #833,418 in Books (See Top 100 in Books) #112 inÂ Books > Science & Math > Mathematics > Geometry & Topology > Algebraic Geometry #479 inÂ Books > Textbooks > Science & Mathematics > Mathematics > Geometry

Customer Reviews

The author of this book is well known in algebraic geometry, and, as of late in the field of computer graphics. In this book, he summarizes beautifully various results in algebraic geometry that were known at the time of publication. Most importantly, the author believes that in order to properly understand algebraic geometry, one must delve into the works of `Italian’ algebraic geometry, as well as the works of Zariski, Weil, and Grothendieck. The former assists in building intuition, while the latter gives a unified algebraic framework in which to work in and relates the subject to number theory. Every student of algebraic geometry has perhaps been overwhelmed by the sheer volume of results in the subject, and the increasing level of abstraction in the form of the theory of schemes, that is encountered when learning algebraic geometry. This book introduces the `classical’ point of view, with the modern scheme-theoretic approach left to a future work, says the author. Since its publication, many new interesting approaches have been taken toward algebraic geometry, one being that use is being made of the computer and various symbolic programming languages in

order to deal with the geometric objects from a computational point of view. Another has been the role of physics, particularly that of `mirror symmetry' and superstring and M-theory. In fact, one might expand the words of the author in the introduction to this book, and now say that a proper understanding of algebraic geometry should also involve an understanding of quantum field theory, integrable systems, and superstring and membrane theory. Some of the more interesting and well-motivated discussions in the book include:1.

Download to continue reading...

Algebraic Geometry I: Complex Projective Varieties (Classics in Mathematics) 7 More Psychological Complexes That You Didn't Know Existed: Cinderella Complex, Superman Complex, Napoleon Complex, Messiah Complex, Phaedra Complex, ... Complex (Transcend Mediocrity Book 125) Basic Algebraic Geometry 1: Varieties in Projective Space Ideals, Varieties, and Algorithms: An Introduction to Computational Algebraic Geometry and Commutative Algebra (Undergraduate Texts in Mathematics) Modern Geometries: Non-Euclidean, Projective, and Discrete Geometry (2nd Edition) The Use of Projective Geometry in Computer Graphics (Lecture Notes in Computer Science) Algebraic Geometry (Graduate Texts in Mathematics) Commutative Algebra: with a View Toward Algebraic Geometry (Graduate Texts in Mathematics) Algebraic Geometry: A First Course (Graduate Texts in Mathematics) (v. 133) A First Course in Complex Analysis with Applications (Jones and Bartlett Publishers Series in Mathematics: Complex) 3264 and All That: A Second Course in Algebraic Geometry Elementary Algebraic Geometry (Student Mathematical Library, Vol. 20) (Student Mathematical Library, V. 20) Algebraic Geometry: A Problem Solving Approach (Student Mathematical Library) A Royal Road to Algebraic Geometry Algebraic Geometry Principles of Algebraic Geometry Taxicab Geometry: An Adventure in Non-Euclidean Geometry (Dover Books on Mathematics) Complex Analysis For Mathematics And Engineering (International Series in Mathematics) THE GRONNEDAL-IKA ALKALINE COMPLEX, SOUTH GREENLAND: THE STRUCTURE AND GEOLOGICAL HISTORY OF THE COMPLEX. How Goats Can Fight Poverty: Complex problems do not always need complex solutions

Dmca