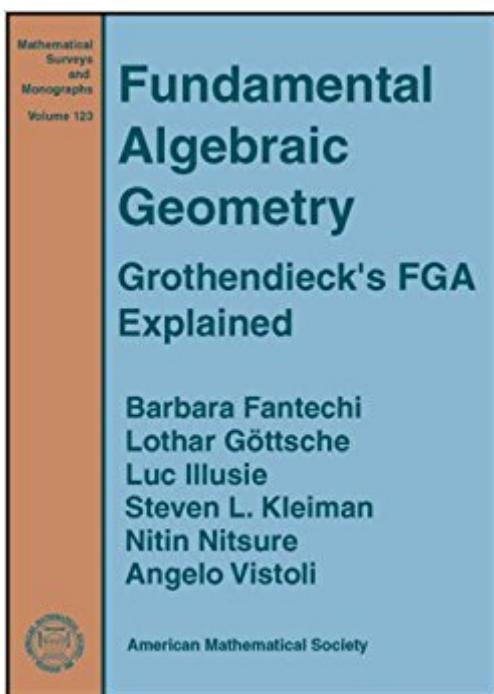


The book was found

# Fundamental Algebraic Geometry (Mathematical Surveys And Monographs) (Mathematical Surveys And Monographs Series (Sep.Title P))



## Synopsis

Alexander Grothendieck's concepts turned out to be astoundingly powerful and productive, truly revolutionizing algebraic geometry. He sketched his new theories in talks given at the *Séminaire Bourbaki* between 1957 and 1962. He then collected these lectures in a series of articles in *Fondements de la géométrie algébrique* (commonly known as FGA). Much of FGA is now common knowledge. However, some of it is less well known, and only a few geometers are familiar with its full scope. The goal of the current book, which resulted from the 2003 Advanced School in Basic Algebraic Geometry (Trieste, Italy), is to fill in the gaps in Grothendieck's very condensed outline of his theories. The four main themes discussed in the book are descent theory, Hilbert and Quot schemes, the formal existence theorem, and the Picard scheme. The authors present complete proofs of the main results, using newer ideas to promote understanding whenever necessary, and drawing connections to later developments. With the main prerequisite being a thorough acquaintance with basic scheme theory, this book is a valuable resource for anyone working in algebraic geometry.

## Book Information

Series: Mathematical Surveys and Monographs Series (Sep. Title P (Book 123)

Paperback: 339 pages

Publisher: American Mathematical Society; UK ed. edition (December 10, 2006)

Language: English

ISBN-10: 0821842455

ISBN-13: 978-0821842454

Product Dimensions: 0.8 x 7 x 9.8 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #805,910 in Books (See Top 100 in Books) #137 in Books > Science & Math > Mathematics > Geometry & Topology > Algebraic Geometry #482 in Books > Textbooks > Science & Mathematics > Mathematics > Geometry #2211 in Books > Textbooks > Science & Mathematics > Mathematics > Algebra & Trigonometry

## Customer Reviews

"All together, this book must be seen as a highly valuable addition to Grothendieck's fundamental classic FGA, and as a superb contribution to the propagation of his pioneering work just as well. It is fair to say that, for the first time, the wealth of Grothendieck's FGA has been made accessible to

the entire community of algebraic geometers, including non-specialist, young researchers, and seasoned graduate students. The authors have endeavoured to elaborate Grothendieck's ingenious, epoch-making outlines in the greatest possible clarity and detailedness, with complete proofs given throughout...ought to be in the library of anyone using modern algebraic geometry in his (or her) research." ---- Zentralblatt MATH

The transportation is fast and excellent. And the book is in good shape. The price is reasonable. I love this book.

[Download to continue reading...](#)

Fundamental Algebraic Geometry (Mathematical Surveys and Monographs) (Mathematical Surveys and Monographs Series (Sep. Title P) Periodical Title Abbreviations: By Title (Periodical Title Abbreviations: Vol. 2: By Title) Elementary Algebraic Geometry (Student Mathematical Library, Vol. 20) (Student Mathematical Library, V. 20) Algebraic Geometry and Statistical Learning Theory (Cambridge Monographs on Applied and Computational Mathematics) Algebraic Topology: An Intuitive Approach (Translations of Mathematical Monographs, Vol. 183) Topics in Algebraic and Analytic Geometry. (MN-13), Volume 13: Notes From a Course of Phillip Griffiths (Mathematical Notes) Algebraic Geometry: A Problem Solving Approach (Student Mathematical Library) Undergraduate Algebraic Geometry (London Mathematical Society Student Texts) Monotone Operators in Banach Space and Nonlinear Partial Differential Equations (Mathematical Surveys and Monographs) The Convenient Setting of Global Analysis (Mathematical Surveys and Monographs) Commercial Ship Surveying: On/Off Hire Condition Surveys and Bunker Surveys Periodical Title Abbreviations: By Abbreviations (Periodical Title Abbreviations: Vol. 1: By Abbreviations) Rigid Geometry of Curves and Their Jacobians (Ergebnisse der Mathematik und ihrer Grenzgebiete. 3. Folge / A Series of Modern Surveys in Mathematics) Information Geometry (Ergebnisse der Mathematik und ihrer Grenzgebiete. 3. Folge / A Series of Modern Surveys in Mathematics) Twistor Geometry and Field Theory (Cambridge Monographs on Mathematical Physics) Projective Synthetic Geometry (Mathematical Monographs) (Volume 2) Roofing (Fundamental Series) (Passbooks) (Fundamental Passbooks) Algebraic Topology: A Student's Guide (London Mathematical Society Lecture Note Series) Ideals, Varieties, and Algorithms: An Introduction to Computational Algebraic Geometry and Commutative Algebra (Undergraduate Texts in Mathematics) 3264 and All That: A Second Course in Algebraic Geometry

[Contact Us](#)

DMCA

Privacy

FAQ & Help