



Basic Algebraic Geometry 2

By Igor R. Shafarevich

Download now

Read Online →

Basic Algebraic Geometry 2 By Igor R. Shafarevich

Shafarevich's Basic Algebraic Geometry has been a classic and universally used introduction to the subject since its first appearance over 40 years ago. As the translator writes in a prefatory note, "For all [advanced undergraduate and beginning graduate] students, and for the many specialists in other branches of math who need a liberal education in algebraic geometry, Shafarevich's book is a must."

The second volume is in two parts: Book II is a gentle cultural introduction to scheme theory, with the first aim of putting abstract algebraic varieties on a firm foundation; a second aim is to introduce Hilbert schemes and moduli spaces, that serve as parameter spaces for other geometric constructions. Book III discusses complex manifolds and their relation with algebraic varieties, Kähler geometry and Hodge theory. The final section raises an important problem in uniformising higher dimensional varieties that has been widely studied as the "Shafarevich conjecture".

The style of Basic Algebraic Geometry 2 and its minimal prerequisites make it to a large extent independent of Basic Algebraic Geometry 1, and accessible to beginning graduate students in mathematics and in theoretical physics.

↓ [Download Basic Algebraic Geometry 2 ...pdf](#)

📄 [Read Online Basic Algebraic Geometry 2 ...pdf](#)

Basic Algebraic Geometry 2

By Igor R. Shafarevich

Basic Algebraic Geometry 2 By Igor R. Shafarevich

Shafarevich's Basic Algebraic Geometry has been a classic and universally used introduction to the subject since its first appearance over 40 years ago. As the translator writes in a prefatory note, "For all [advanced undergraduate and beginning graduate] students, and for the many specialists in other branches of math who need a liberal education in algebraic geometry, Shafarevich's book is a must."

The second volume is in two parts: Book II is a gentle cultural introduction to scheme theory, with the first aim of putting abstract algebraic varieties on a firm foundation; a second aim is to introduce Hilbert schemes and moduli spaces, that serve as parameter spaces for other geometric constructions. Book III discusses complex manifolds and their relation with algebraic varieties, Kähler geometry and Hodge theory. The final section raises an important problem in uniformising higher dimensional varieties that has been widely studied as the "Shafarevich conjecture".

The style of Basic Algebraic Geometry 2 and its minimal prerequisites make it to a large extent independent of Basic Algebraic Geometry 1, and accessible to beginning graduate students in mathematics and in theoretical physics.

Basic Algebraic Geometry 2 By Igor R. Shafarevich Bibliography

- Sales Rank: #2366382 in eBooks
- Published on: 2013-08-31
- Released on: 2013-08-31
- Format: Kindle eBook

 [Download Basic Algebraic Geometry 2 ...pdf](#)

 [Read Online Basic Algebraic Geometry 2 ...pdf](#)

Editorial Review

Review

From the book reviews:

“I find the book wonderfully put together, and I am sure the reader will learn a lot, either from systematic study or from browsing particular topics. ... In each chapter, the theorems, propositions, corollaries, examples, remarks, etc., each have their own independent numbering system, running consecutively throughout the chapter. This makes it a real chore to track any internal reference in the book.” (Robin Hartshorne, SIAM Review, Vol. 56 (4), December, 2014)

“This is the English translation of the third edition of the second volume of the author’s classic standard text ‘Basic algebraic geometry’ ... a perfect first introduction to various aspects of both classic and modern algebraic geometry as a whole. ... the present second volume may serve as an excellent source for students and non-specialists to get themselves prepared for the study of more advanced books on abstract algebraic geometry, complex algebraic geometry, and moduli theory likewise.” (Werner Kleinert, zbMATH, Vol. 1277, 2014)

From the Back Cover

Shafarevich's Basic Algebraic Geometry has been a classic and universally used introduction to the subject since its first appearance over 40 years ago. As the translator writes in a prefatory note, “For all [advanced undergraduate and beginning graduate] students, and for the many specialists in other branches of math who need a liberal education in algebraic geometry, Shafarevich’s book is a must.”

The second volume is in two parts: Book II is a gentle cultural introduction to scheme theory, with the first aim of putting abstract algebraic varieties on a firm foundation; a second aim is to introduce Hilbert schemes and moduli spaces, that serve as parameter spaces for other geometric constructions. Book III discusses complex manifolds and their relation with algebraic varieties, Kähler geometry and Hodge theory. The final section raises an important problem in uniformising higher dimensional varieties that has been widely studied as the “Shafarevich conjecture”.

The style of Basic Algebraic Geometry 2 and its minimal prerequisites make it to a large extent independent of Basic Algebraic Geometry 1, and accessible to beginning graduate students in mathematics and in theoretical physics.

About the Author

Igor Shafarevich made fundamental contributions to several parts of mathematics including algebraic number theory, algebraic geometry and arithmetic algebraic geometry.

Users Review

From reader reviews:

Bonita Murray:

Book is to be different per grade. Book for children until adult are different content. As it is known to us that book is very important usually. The book Basic Algebraic Geometry 2 was making you to know about other know-how and of course you can take more information. It is extremely advantages for you. The e-book Basic Algebraic Geometry 2 is not only giving you much more new information but also being your friend when you really feel bored. You can spend your personal spend time to read your guide. Try to make relationship using the book Basic Algebraic Geometry 2. You never really feel lose out for everything should you read some books.

Melvin Wilhelm:

Reading a e-book tends to be new life style within this era globalization. With reading you can get a lot of information that could give you benefit in your life. Together with book everyone in this world could share their idea. Guides can also inspire a lot of people. Plenty of author can inspire their particular reader with their story or perhaps their experience. Not only situation that share in the textbooks. But also they write about advantage about something that you need case in point. How to get the good score toefl, or how to teach your sons or daughters, there are many kinds of book that exist now. The authors these days always try to improve their proficiency in writing, they also doing some exploration before they write for their book. One of them is this Basic Algebraic Geometry 2.

Nancy Sobel:

Beside that Basic Algebraic Geometry 2 in your phone, it could give you a way to get more close to the new knowledge or information. The information and the knowledge you may got here is fresh from the oven so don't always be worry if you feel like an old people live in narrow community. It is good thing to have Basic Algebraic Geometry 2 because this book offers for you readable information. Do you at times have book but you seldom get what it's about. Oh come on, that won't happen if you have this with your hand. The Enjoyable option here cannot be questionable, including treasuring beautiful island. So do you still want to miss the item? Find this book and also read it from today!

Richard Ortega:

Is it you actually who having spare time after that spend it whole day by watching television programs or just telling lies on the bed? Do you need something new? This Basic Algebraic Geometry 2 can be the reply, oh how comes? A fresh book you know. You are so out of date, spending your time by reading in this brand-new era is common not a geek activity. So what these books have than the others?

Download and Read Online Basic Algebraic Geometry 2 By Igor R. Shafarevich #9XFRNB48UQE

Read Basic Algebraic Geometry 2 By Igor R. Shafarevich for online ebook

Basic Algebraic Geometry 2 By Igor R. Shafarevich Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Basic Algebraic Geometry 2 By Igor R. Shafarevich books to read online.

Online Basic Algebraic Geometry 2 By Igor R. Shafarevich ebook PDF download

Basic Algebraic Geometry 2 By Igor R. Shafarevich Doc

Basic Algebraic Geometry 2 By Igor R. Shafarevich Mobipocket

Basic Algebraic Geometry 2 By Igor R. Shafarevich EPub

9XFRNB48UQE: Basic Algebraic Geometry 2 By Igor R. Shafarevich