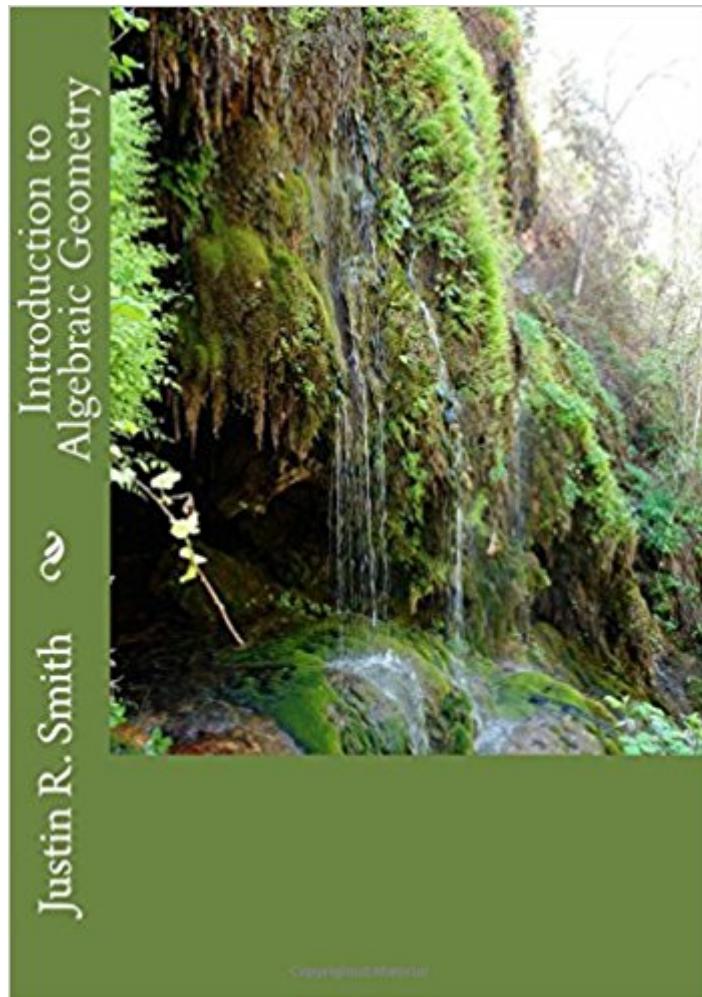


The book was found

Introduction To Algebraic Geometry



Synopsis

This book is intended for self-study or as a textbook for graduate students or advanced undergraduates. It presupposes some basic knowledge of point-set topology and a solid foundation in linear algebra. Otherwise, it develops all of the commutative algebra, sheaf-theory and cohomology needed to understand the material. It also presents applications to robotics and other fields.

Book Information

Paperback: 642 pages

Publisher: CreateSpace Independent Publishing Platform; 1 edition (December 6, 2014)

Language: English

ISBN-10: 1503381536

ISBN-13: 978-1503381537

Product Dimensions: 7 x 1.4 x 10 inches

Shipping Weight: 3 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #468,478 in Books (See Top 100 in Books) #65 in Books > Science & Math > Mathematics > Geometry & Topology > Algebraic Geometry

Customer Reviews

This book provides a profound introduction to some of the basic principles of both classical and modern algebraic geometry for graduate students or advanced undergraduates. Assuming only some previous knowledge of linear algebra and general topology, it also presents all the concepts, methods and results from commutative algebra, sheaf theory and cohomology as far as necessary to develop the foundations of algebraic geometry. These allied mathematical frameworks are treated separately in four appendices after the main text, thus making the textbook essentially self-contained, and therefore particularly suited for self-study by beginners or as an accompanying course book, respectively. Reviewer: Werner Kleinert (Berlin) Zentralblatt

MATH: Zbl 1332.14001

Dr. Smith is a professor of mathematics at Drexel University in Philadelphia.

Never heard of this text, but I'm assuming it's a good supplement for the big-named books such as Hartshorne, etc. The writing is easy to follow, and the exercises are fun! You will learn past just

general notions of algebraic geometry and even get into schemes, which is why I sought this book out.

Algebraic Geometry - woohoo!

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

Introduction to Algebraic Geometry Ideals, Varieties, and Algorithms: An Introduction to Computational Algebraic Geometry and Commutative Algebra (Undergraduate Texts in Mathematics) Commutative Algebra: with a View Toward Algebraic Geometry (Graduate Texts in Mathematics) Algebraic Geometry: A Problem Solving Approach (Student Mathematical Library) Algebraic Geometry and Statistical Learning Theory (Cambridge Monographs on Applied and Computational Mathematics) A Royal Road to Algebraic Geometry Undergraduate Algebraic Geometry (London Mathematical Society Student Texts) An Invitation to Algebraic Geometry (Universitext) Principles of Algebraic Geometry Algebraic Geometry (Graduate Texts in Mathematics) 3264 and All That: A Second Course in Algebraic Geometry Algebraic Geometry: A First Course (Graduate Texts in Mathematics) (v. 133) Basic Algebraic Geometry 1: Varieties in Projective Space Fundamental Algebraic Geometry (Mathematical Surveys and Monographs) (Mathematical Surveys and Monographs Series (Sep. Title P) Elementary Algebraic Geometry (Student Mathematical Library, Vol. 20) (Student Mathematical Library, V. 20) Topics in Algebraic and Analytic Geometry. (MN-13), Volume 13: Notes From a Course of Phillip Griffiths (Mathematical Notes) Algebraic Topology: An Introduction (Graduate Texts in Mathematics) (v. 56) Geometry for Students and Parents: Geometry problems and solutions Modern Geometry • Methods and Applications: Part I: The Geometry of Surfaces, Transformation Groups, and Fields (Graduate Texts in Mathematics) (Pt. 1) Taxicab Geometry: An Adventure in Non-Euclidean Geometry (Dover Books on Mathematics)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)