



Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics)

By Joseph H. Silverman

Download now

Read Online ➔

Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) By Joseph H. Silverman

In the introduction to the first volume of *The Arithmetic of Elliptic Curves* (Springer-Verlag, 1986), I observed that "the theory of elliptic curves is rich, varied, and amazingly vast," and as a consequence, "many important topics had to be omitted." I included a brief introduction to ten additional topics as an appendix to the first volume, with the tacit understanding that eventually there might be a second volume containing the details. You are now holding that second volume. It turned out that even those ten topics would not fit. Unfortunately, into a single book, so I was forced to make some choices. The following material is covered in this book: I. Elliptic and modular functions for the full modular group. II. Elliptic curves with complex multiplication. III. Elliptic surfaces and specialization theorems. IV. Neron models, Kodaira-Neron classification of special fibers, Tate's algorithm, and Ogg's conductor-discriminant formula. V. Tate's theory of q -curves over p -adic fields. VI. Neron's theory of canonical local height functions.

↓ [Download Advanced Topics in the Arithmetic of Elliptic Curv ...pdf](#)

📖 [Read Online Advanced Topics in the Arithmetic of Elliptic Cu ...pdf](#)

Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics)

By Joseph H. Silverman

Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) By Joseph H. Silverman

In the introduction to the first volume of *The Arithmetic of Elliptic Curves* (Springer-Verlag, 1986), I observed that "the theory of elliptic curves is rich, varied, and amazingly vast," and as a consequence, "many important topics had to be omitted." I included a brief introduction to ten additional topics as an appendix to the first volume, with the tacit understanding that eventually there might be a second volume containing the details. You are now holding that second volume. It turned out that even those ten topics would not fit. Unfortunately, into a single book, so I was forced to make some choices. The following material is covered in this book: I. Elliptic and modular functions for the full modular group. II. Elliptic curves with complex multiplication. III. Elliptic surfaces and specialization theorems. IV. Neron models, Kodaira-Neron classification of special fibers, Tate's algorithm, and Ogg's conductor-discriminant formula. V. Tate's theory of q -curves over p -adic fields. VI. Neron's theory of canonical local height functions.

Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) By Joseph H. Silverman
Bibliography

- Sales Rank: #658941 in Books
- Published on: 1999-09-24
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x 1.24" w x 6.10" l, 1.68 pounds
- Binding: Paperback
- 528 pages

 [Download Advanced Topics in the Arithmetic of Elliptic Curv ...pdf](#)

 [Read Online Advanced Topics in the Arithmetic of Elliptic Cu ...pdf](#)

Download and Read Free Online Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) By Joseph H. Silverman

Editorial Review

Review

..."this book deserves to be as popular as its forerunner and a great many people will be looking forward to reading a third volume." - Monatshefte für Mathematik

..,"this book deserves to be as popular as its forerunner and a great many people will be looking forward to reading a third volume." - Monatshefte für Mathematik

Users Review

From reader reviews:

Mac Cutter:

This Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) book is not really ordinary book, you have it then the world is in your hands. The benefit you get by reading this book is usually information inside this reserve incredible fresh, you will get details which is getting deeper you read a lot of information you will get. That Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) without we realize teach the one who studying it become critical in contemplating and analyzing. Don't end up being worry Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) can bring whenever you are and not make your tote space or bookshelves' become full because you can have it in the lovely laptop even telephone. This Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) having great arrangement in word as well as layout, so you will not really feel uninterested in reading.

Danna Bullock:

The particular book Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) will bring you to definitely the new experience of reading a book. The author style to describe the idea is very unique. In the event you try to find new book to study, this book very suited to you. The book Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) is much recommended to you to read. You can also get the e-book from official web site, so you can more readily to read the book.

Ann Lang:

This Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) is brand new way for you who has attention to look for some information since it relief your hunger info. Getting deeper you into it getting knowledge more you know or you who still having small amount of digest in reading this Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) can be the light food for you because the information inside this book is easy to get by means of anyone. These books acquire itself in the form which is reachable by anyone, yep I mean in the e-book application form. People who think

that in publication form make them feel sleepy even dizzy this book is the answer. So you cannot find any in reading a e-book especially this one. You can find what you are looking for. It should be here for an individual. So , don't miss this! Just read this e-book sort for your better life along with knowledge.

Thomas Crittenden:

A lot of publication has printed but it differs from the others. You can get it by net on social media. You can choose the most beneficial book for you, science, amusing, novel, or whatever by searching from it. It is named of book Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics). You can contribute your knowledge by it. Without departing the printed book, it could add your knowledge and make a person happier to read. It is most crucial that, you must aware about guide. It can bring you from one spot to other place.

Download and Read Online Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) By Joseph H. Silverman #J2845WZ0MX7

Read Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) By Joseph H. Silverman for online ebook

Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) By Joseph H. Silverman 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 Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) By Joseph H. Silverman books to read online.

Online Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) By Joseph H. Silverman ebook PDF download

Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) By Joseph H. Silverman Doc

Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) By Joseph H. Silverman Mobipocket

Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) By Joseph H. Silverman EPub

J2845WZ0MX7: Advanced Topics in the Arithmetic of Elliptic Curves (Graduate Texts in Mathematics) By Joseph H. Silverman