



 Get Print Book

Elementary Number Theory (Springer Undergraduate Mathematics Series)

By Gareth A. Jones, Josephine M. Jones



Download



Read Online

Elementary Number Theory (Springer Undergraduate Mathematics Series)

By Gareth A. Jones, Josephine M. Jones

An undergraduate-level introduction to number theory, with the emphasis on fully explained proofs and examples. Exercises, together with their solutions are integrated into the text, and the first few chapters assume only basic school algebra. Elementary ideas about groups and rings are then used to study groups of units, quadratic residues and arithmetic functions with applications to enumeration and cryptography. The final part, suitable for third-year students, uses ideas from algebra, analysis, calculus and geometry to study Dirichlet series and sums of squares. In particular, the last chapter gives a concise account of Fermat's Last Theorem, from its origin in the ancient Babylonian and Greek study of Pythagorean triples to its recent proof by Andrew Wiles.



[Download Elementary Number Theory \(Springer Undergraduate M...pdf](#)



[Read Online Elementary Number Theory \(Springer Undergraduate...pdf](#)

Elementary Number Theory (Springer Undergraduate Mathematics Series)

By Gareth A. Jones, Josephine M. Jones

Elementary Number Theory (Springer Undergraduate Mathematics Series) By Gareth A. Jones, Josephine M. Jones

An undergraduate-level introduction to number theory, with the emphasis on fully explained proofs and examples. Exercises, together with their solutions are integrated into the text, and the first few chapters assume only basic school algebra. Elementary ideas about groups and rings are then used to study groups of units, quadratic residues and arithmetic functions with applications to enumeration and cryptography. The final part, suitable for third-year students, uses ideas from algebra, analysis, calculus and geometry to study Dirichlet series and sums of squares. In particular, the last chapter gives a concise account of Fermat's Last Theorem, from its origin in the ancient Babylonian and Greek study of Pythagorean triples to its recent proof by Andrew Wiles.

Elementary Number Theory (Springer Undergraduate Mathematics Series) By Gareth A. Jones, Josephine M. Jones Bibliography

- Sales Rank: #307870 in Books
- Brand: Brand: Springer
- Published on: 1998-07-31
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .72" w x 7.01" l, .95 pounds
- Binding: Paperback
- 200 pages

 [Download Elementary Number Theory \(Springer Undergraduate M ...pdf](#)

 [Read Online Elementary Number Theory \(Springer Undergraduate ...pdf](#)

Editorial Review

Review

From the reviews:

BULLETIN OF MATHEMATICS BOOKS

"?as a nice concluding chapter on Fermat? Last Theorem, with a brief discussion on the coup de grace."

G.A. Jones and J.M. Jones

Elementary Number Theory

"A welcome addition . . . a carefully and well-written book."?THE MATHEMATICAL GAZETTE

"This book would make an excellent text for an undergraduate course on number theory."

?MATHEMATICAL REVIEWS

Users Review

From reader reviews:

Matilda Greiner:

Within other case, little individuals like to read book Elementary Number Theory (Springer Undergraduate Mathematics Series). You can choose the best book if you like reading a book. Given that we know about how is important some sort of book Elementary Number Theory (Springer Undergraduate Mathematics Series). You can add information and of course you can around the world by just a book. Absolutely right, because from book you can realize everything! From your country until eventually foreign or abroad you will be known. About simple point until wonderful thing you may know that. In this era, we are able to open a book or searching by internet system. It is called e-book. You need to use it when you feel fed up to go to the library. Let's go through.

Lawrence Scuderi:

What do you concentrate on book? It is just for students because they're still students or it for all people in the world, the particular best subject for that? Merely you can be answered for that issue above. Every person has various personality and hobby for each other. Don't to be pressured someone or something that they don't would like do that. You must know how great and also important the book Elementary Number Theory (Springer Undergraduate Mathematics Series). All type of book could you see on many resources. You can look for the internet resources or other social media.

Cora Spillane:

In this period globalization it is important to someone to receive information. The information will make you to definitely understand the condition of the world. The health of the world makes the information simpler to share. You can find a lot of sources to get information example: internet, newspapers, book, and soon. You can see that now, a lot of publisher which print many kinds of book. Typically the book that recommended to you personally is Elementary Number Theory (Springer Undergraduate Mathematics Series) this book consist a lot of the information from the condition of this world now. This book was represented just how can the world has grown up. The terminology styles that writer use to explain it is easy to understand. Often the writer made some exploration when he makes this book. That's why this book suitable all of you.

Greg Christenson:

Do you like reading a publication? Confuse to looking for your selected book? Or your book was rare? Why so many concern for the book? But any people feel that they enjoy for reading. Some people likes examining, not only science book but also novel and Elementary Number Theory (Springer Undergraduate Mathematics Series) or others sources were given expertise for you. After you know how the fantastic a book, you feel need to read more and more. Science guide was created for teacher as well as students especially. Those publications are helping them to put their knowledge. In different case, beside science guide, any other book likes Elementary Number Theory (Springer Undergraduate Mathematics Series) to make your spare time more colorful. Many types of book like this one.

Download and Read Online Elementary Number Theory (Springer Undergraduate Mathematics Series) By Gareth A. Jones, Josephine M. Jones #FTBVG81R7J0

Read Elementary Number Theory (Springer Undergraduate Mathematics Series) By Gareth A. Jones, Josephine M. Jones for online ebook

Elementary Number Theory (Springer Undergraduate Mathematics Series) By Gareth A. Jones, Josephine M. Jones 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 Elementary Number Theory (Springer Undergraduate Mathematics Series) By Gareth A. Jones, Josephine M. Jones books to read online.

Online Elementary Number Theory (Springer Undergraduate Mathematics Series) By Gareth A. Jones, Josephine M. Jones ebook PDF download

Elementary Number Theory (Springer Undergraduate Mathematics Series) By Gareth A. Jones, Josephine M. Jones Doc

Elementary Number Theory (Springer Undergraduate Mathematics Series) By Gareth A. Jones, Josephine M. Jones Mobipocket

Elementary Number Theory (Springer Undergraduate Mathematics Series) By Gareth A. Jones, Josephine M. Jones EPub