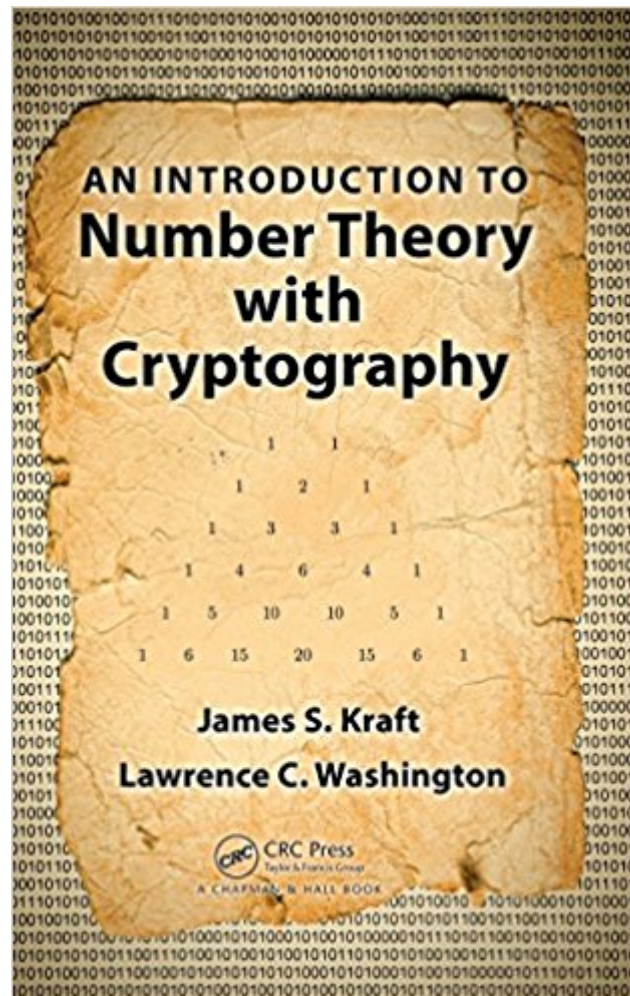


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An Introduction To Number Theory With Cryptography



Synopsis

Number theory has a rich history. For many years it was one of the purest areas of pure mathematics, studied because of the intellectual fascination with properties of integers. More recently, it has been an area that also has important applications to subjects such as cryptography. An Introduction to Number Theory with Cryptography presents number theory along with many interesting applications. Designed for an undergraduate-level course, it covers standard number theory topics and gives instructors the option of integrating several other topics into their coverage. The "Check Your Understanding" problems aid in learning the basics, and there are numerous exercises, projects, and computer explorations of varying levels of difficulty.

Book Information

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Customer Reviews

"An Introduction to Number Theory with Cryptography provides a fine history of number theory and surveys its applications. College-level undergrads will appreciate the number theory topics, arranged in a format suitable for any standard course in the topic, and will also appreciate the inclusion of many exercises and projects to support all the theory provided. In providing a foundation text with step-by-step analysis, examples, and exercises, this is a top teaching tool recommended for any cryptography student or instructor." —California Bookwatch, January 2014

This is an excellent cryptography book. Each section explains an aspect of number theory, then provides the cryptographic application. That is a fantastic approach. I collect cryptography books

and this one is very good. And Washington is also the author of "Elliptic Curves: Number Theory and Cryptography, Second Edition " Which is perhaps the best book available on Elliptic Curve Cryptography. I highly recommend both if you already have a working knowledge of cryptography and basic mathematics.

Very good!

Great book! Got an A+ with this. Thanks.

It was good.

Written with clarity and an obvious passion for number theory, this is the very best in 'introductions to number theory with cryptography' that I have laid my eyes upon. Not for the faint-hearted.

Amazing introduction to number theory, I've read several and this reads best. Perfect for an intro college class or high school elective.

The quality of printing is really bad. It looks like a pirated edition.

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