



# Mathematical Foundations of Public Key Cryptography (Hardback)

By Xiaoyun Wang, Guangwu Xu, Mingqiang Wang

Taylor Francis Inc, United States, 2015. Hardback. Condition: New. Language: English . Brand New Book. In Mathematical Foundations of Public Key Cryptography, the authors integrate the results of more than 20 years of research and teaching experience to help students bridge the gap between math theory and crypto practice. The book provides a theoretical structure of fundamental number theory and algebra knowledge supporting public-key cryptography. Rather than simply combining number theory and modern algebra, this textbook features the interdisciplinary characteristics of cryptography-revealing the integrations of mathematical theories and public-key cryptographic applications. Incorporating the complexity theory of algorithms throughout, it introduces the basic number theoretic and algebraic algorithms and their complexities to provide a preliminary understanding of the applications of mathematical theories in cryptographic algorithms. Supplying a seamless integration of cryptography and mathematics, the book includes coverage of elementary number theory; algebraic structure and attributes of group, ring, and field; cryptography-related computing complexity and basic algorithms, as well as lattice and fundamental methods of lattice cryptanalysis. The text consists of 11 chapters. Basic theory and tools of elementary number theory, such as congruences, primitive roots, residue classes, and continued fractions, are covered in Chapters 1-6. The basic concepts of abstract algebra...



### Reviews

The ebook is great and fantastic. We have read and i also am sure that i am going to likely to go through once again again down the road. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Erica Turcotte

Complete information! Its such a excellent study. It is filled with knowledge and wisdom I realized this publication from my dad and i advised this publication to find out.

-- Geovanny Grimes

## Relevant Kindle Books



Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback

Book Condition: Brand New. Book Condition: Brand New.



## THE Key to My Children Series: Evan s Eyebrows Say Yes

AUTHORHOUSE, United States, 2006. Paperback. Book Condition: New. 274 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. THE KEY TO MY CHILDREN SERIES: EVAN S EYEBROWS SAY YES is about a three year old little boy who...



#### **Basic Concepts, Grade Preschool**

Book Condition: Brand New. Book Condition: Brand New.



## I Learn, I Speak: Basic Skills for Preschool Learners of English and Chinese

 $Paraxus\ International,\ Inc.,\ United\ States,\ 2012.\ Paperback.\ Book\ Condition:\ New.\ 279\ x\ 216\ mm.\ Language:\ English\ .\ Brand\ New\ Book \\ *****Print\ on\ Demand\ *****.\ Please\ go\ to\ //\ and\ shapes\ for\ some\ high\ resolution\ sample\ pages.\ Learn\ Chinese\ -\ Basic\ Skills\ for...$ 



## Access2003 Chinese version of the basic tutorial (secondary vocational schools teaching computer series)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 192 Publisher: People's Post Pub. Date: 2011-10-01 version 1. Access 2003 Tutorial Chinese version of With a complete database...



## Public Opinion + Conducting Empirical Analysis

SAGE Publications Inc, United States, 2011. Kit. Book Condition: New. Revised ed.. 279 x 217 mm. Language: English. Brand New Book. Public Opinion: One of the central tenets of a democracy is that we expect the public to have some...