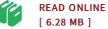


## Elementary Number Theory: Primes, Congruences, and Secrets: A Computational Approach (Hardback)

By William Stein

Springer-Verlag New York Inc., United States, 2009. Hardback. Condition: New. 1st Edition. 2nd Printing. 2008. Language: English . Brand New Book. This is a book about prime numbers, congruences, secret messages, and elliptic curves that you can read cover to cover. It grew out of undergr- uate courses that the author taught at Harvard, UC San Diego, and the University of Washington. The systematic study of number theory was initiated around 300B. C. when Euclid proved that there are in?nitely many prime numbers, and also cleverly deduced the fundamental theorem of arithmetic, which asserts that every positive integer factors uniquely as a product of primes. Over a thousand years later (around 972A. D. ) Arab mathematicians formulated the congruent number problem that asks for a way to decide whether or not a given positive integer n is the area of a right triangle, all three of whose sides are rational numbers. Then another thousand years later (in 1976), Di?e and Hellman introduced the ?rst ever public-key cryptosystem, which enabled two people to communicate secretely over a public communications channel with no predetermined secret; this invention and the ones that followed it revolutionized the world of digital communication. In the 1980s...



## Reviews

This type of book is every thing and made me seeking forward and more. It is amongst the most awesome publication we have go through. Its been developed in an exceptionally straightforward way and it is only soon after i finished reading this ebook by which actually altered me, alter the way i believe.

-- Mrs. Serena Wunsch

*I just started out looking at this ebook. This can be for those who statte there had not been a worthy of reading through. You can expect to like the way the blogger publish this ebook.* -- Dr. Freddie Greenholt Jr.