# Fermat s Last Theorem: A Genetic Introduction to Algebraic Number Theory (Paperback)

By Harold M. Edwards

Springer-Verlag New York Inc., United States, 2000. Paperback. Condition: New. 1st ed. 1977. 3rd printing 2000. Language: English . Brand New Book ***** Print on Demand *****.This introduction to algebraic number theory via the famous problem of Fermats Last Theorem follows its historical development, beginning with the work of Fermat and ending with Kummers theory of ideal factorization. The more elementary topics, such as Eulers proof of the impossibilty of x+y=z, are treated in an uncomplicated way, and new concepts and techniques are introduced only after having been motivated by specific problems. The book also covers in detail the application of Kummers theory to quadratic integers and relates this to Gauss theory of binary quadratic forms, an interesting and important connection that is not explored in any other book.

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