



A Course in Arithmetic

By J-P. Serre

Springer Nov 1996, 1996. Buch. Book Condition: Neu. 235x155x12 mm. This item is printed on demand - Print on Demand Titel. - Serre's A Course in Arithmetic is a concentrated, modern introduction to basically three areas of number theory, quadratic forms, Dirichlet's density theorem, and modular forms. The first edition was very well accepted and is now one of the leading introductory texts on the advanced undergraduate or beginning graduate level. From the reviews: 'The book is carefully written - in particular very much self-contained. As was the intention of the author, it is easily accessible to graduate or even undergraduate students, yet even the advanced mathematician will enjoy reading it. The last chapter, more difficult for the beginner, is an introduction to contemporary problems.' American Scientist Table of contents: Contents: Algebraic Methods: Finite fields. p-adic fields. Hilbert symbol. Quadratic forms over \mathbb{Q}_p and over \mathbb{Q} . Integral quadratic forms with discriminant ± 1 . - Analytic Methods: The theorem on arithmetic progressions. Modular forms. - Bibliography. - Indices. 132 pp. Englisch.



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