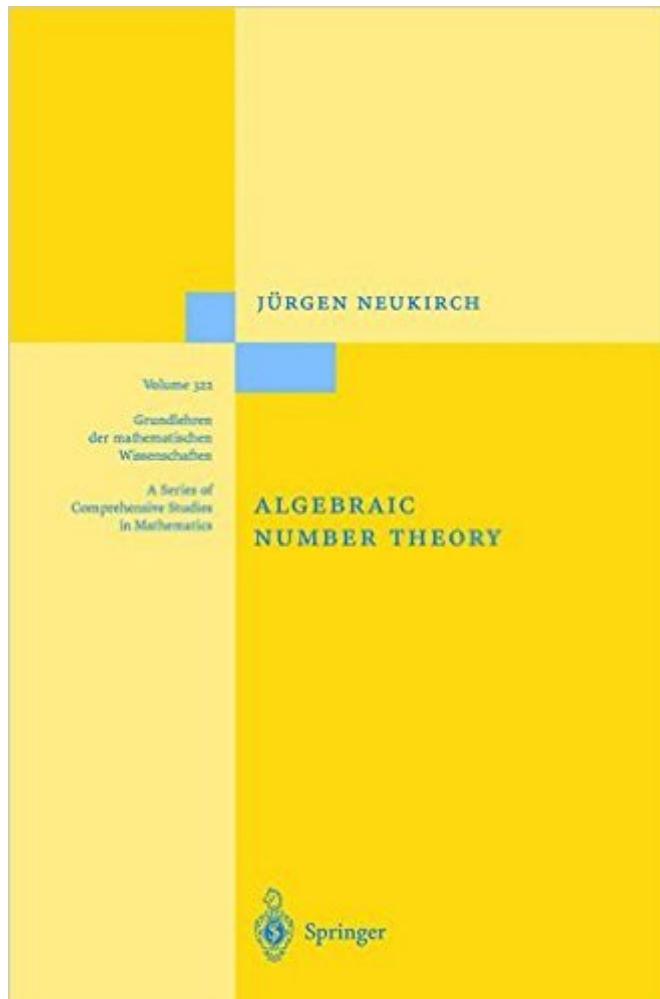


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Algebraic Number Theory (Grundlehren Der Mathematischen Wissenschaften) (v. 322)



Synopsis

This introduction to algebraic number theory discusses the classical concepts from the viewpoint of Arakelov theory. The treatment of class theory is particularly rich in illustrating complements, offering hints for further study, and providing concrete examples. It is the most up-to-date, systematic, and theoretically comprehensive textbook on algebraic number field theory available.

Book Information

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Customer Reviews

After having no fun with Lang's text "Algebraic Number Theory" I began seeking out something more complete and which was full of quality exposition. As a result of 's approach to marketing towards members, I was recommended this book and decided quickly that I must have it. This book is marvelously well written, examples are kept to an un-overwhelming minimum, the problems are not trivial (at least to me) and in fact I feel this is the kind of book on par with, say, Paulo Ribenboim's "Classical Theory of Algebraic Numbers" since these are both the type of book you would want to take with you on a long trip or as Paulo says, "while stranded on a desert island". This book is by no means intended for those who are not fluent in both Number Theory as well as Algebra, both at the graduate level and obviously for those who are Mathematically gifted. I highly recommend this book to graduate students interested in Algebraic number theory as well as those needing a splendid reference.

This book is basically all you need to learn modern algebraic number theory. You need to know

algebra at a graduate level (Serge Lang's Algebra) and I would recommend first reading an elementary classical Algebraic number theory book like Ian Stewart's Algebraic Number Theory, or Murty and Esmonde's Problem's in Algebraic Number theory.

This book is great. It takes a different approach than some other texts I have recently read but is an excellent starting point for those interested in AN.

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