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advanced audience such as Eisenstein integers or quadratic reciprocity are lucidly presented in an accessible way The book also introduces the reader to open source software for computations to enhance understanding of the material and nurture basic programming skills For the more adventurous a number of Outlooks included in the text offer a glimpse of possible mathematical excursions This book supports readers in transition from high school to university mathematics and will also benefit university students keen to explore the beginnings of algebraic number theory It can be read either on its own or as a supporting text for first courses in algebra or number theory and can also be used for a topics course on Diophantine equations

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