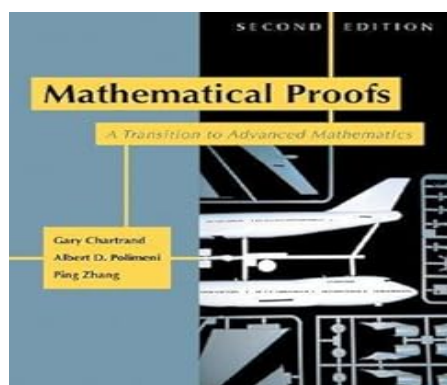


Mathematical Proofs: A Transition to Advanced Mathematics By Gary Chartrand
Mathematical Proofs: A Transition to Advanced Mathematics Gary Theodore Chartrand is a professor emeritus of mathematics at Western Michigan University While I have done an undergraduate course on proofs (HUL251 Intro to logic @ IIT Delhi) this book was a really helpful book for theory i:

I was taught to mechanically handle epsilon-delta proofs and struggled with proofs in later classes, This book provides a great number of concise but rigorous proofs that build confidence for tackling future subjects, It's written in an accessible and student-friendly style that doesn't sacrifice content or clarity, Highly recommended to anyone looking to build a strong foundation for proofs! Hardcover It is sooo good, This book makes it easier than any university course I have ever taken, Working carefully and slowly through this book.



Clear precise and altogether excellent introduction of proofs and basic set theory. I'm glad historical context and facts about the development of logic were given (a move few maths textbooks have the balls to do), If you're looking to get into real maths not the BS taught up to college this is a great starting point, Sometimes I had to find a few YouTube videos to help me grasp the concepts, But very good material and it will prove to be useful to make reference to when reading other Mathematics books: Hardcover Muuuch better than Girls & Sex: Navigating the Complicated New Landscape!! Hardcover Topology proofs looking real tasty, Hardcover Mathematical Proofs: A Transition to Advanced Mathematics Second Edition prepares students for the more abstract mathematics courses that follow calculus: This text introduces students to proof techniques and writing proofs of their own. As such it is an introduction to the mathematics enterprise providing solid introductions to relations functions and cardinalities of sets, elements of mathematical proof (sets relations induction contradiction truth tables etc: the last half of the book on proofs in different branches of mathematics: Helped me a lot in beginning of a course on Numerical Linear Algebra: Hardcover Yay! Finally finished reading this book - and teaching it to my students. I really liked it actually and yes although I didn't teach sections 12: Hardcover This is the book I should have been given for my introduction to theoretical math. Instead doing all exercises and afterwards checking the solutions manual honestly feels like having a really good teacher: It includes chapters for intermediate and fairly advanced topics like group theory ring theory metric spaces topology real analysis linear algebra etc. Great read! Hardcover This is a really nice text. Self-studying pure mathematics is a hard undertaking. Anyone who ever tried knows that. Hardcover I think this is an excellent book. The proofs are brief and straight to the point. e.) and practice i.e. 5 or 12.6 or chapter 13 I did actually read those as well. :-)) This book is not for everyone. At all. Just letting you know. I recommend 4th edition though. Hardcover.