

Now available in the



Mathematical Association of America's Electronic Bookstore All Seven MAA Guides



www.maa.org/ebooks/guides.html

***A Guide to Advanced Linear Algebra* by Steven Weintraub DOL-44**

This book provides a rigorous and thorough development of linear algebra at an advanced level, and is directed at graduate students and professional mathematicians.

***A Guide to Advanced Real Analysis* by Gerald B. Folland DOL-37**

This book is an outline of the core material in the standard graduate-level real analysis course. It is intended as a resource for students in such a course as well as others who wish to learn or review the subject.

***A Guide to Complex Variables* by Steven G. Krantz DOL-32**

This book gives the reader a quick and accessible introduction to the key topics. There are plenty of figures and examples to illustrate the principle ideas. Undergraduates wanting a first look at the subject or graduate students preparing for the qualifying exams will both find this book to be a useful resource.

***A Guide to Elementary Number Theory* by Underwood Dudley DOL-41**

A Guide to Elementary Number Theory is a 140-page exposition of the topics considered in a first course in number theory. It is intended for those who may have seen the material before but have forgotten it and for those who never had a course in number theory and wish to see what it is all about without having to wade through a traditional text. This text is especially useful for graduate students preparing for qualifying exams.

***A Guide to Plane Algebraic Curves* by Keith Kendig DOL-46**

This guide is a friendly introduction to plane algebraic curves emphasizing geometry and intuition. It is appropriate for a wide segment of scientists and engineers wanting an introduction to this subject.

***A Guide to Real Variables* by Steven G. Krantz DOL-38**

A Guide to Real Variables begins with the foundations of the subject, then moves rapidly but thoroughly through basic topics such as completeness, convergence, sequences, series, compactness, topology, and the like.

***A Guide to Topology* by Steven G. Krantz DOL-40**

This guide is an introduction to basic topology. It covers point-set topology as well as Moore-Smith convergence and function spaces. The book is written to be accessible and self-contained and is filled with examples and illustrations.