This book helps students to master the material of a standard US undergraduate first course in Linear Algebra. The material is standard in that the subjects covered are Gaussian reduction, vector spaces, linear maps, determinants, and eigenvalues and eigenvectors. Another standard is the book’s audience: sophomores or juniors, usually with a background of at least one semester of calculus. The help that it gives to students comes from Linear Algebra is not what it seems at first thought. Behind all the matrices, polynomials, vectors and spaces, there is a fascinating subject which tools can help you to solve many practical problems. There are hundreds of books with the aim of teaching Linear Algebra, your choice will depend, basically, on the kind of course you are taking, and on the approach, prose and rigor of the text you prefer to study. Here I propose a brief list of books, based on my personal experience, from famous books I have read or consulted. What is Linear Algebra? Many difficult problems can be handled easily once relevant information is organized in a certain way. This text aims to teach you how to organize information in cases where certain mathematical structures are present. Linear algebra is, in general, the study of those structures. Namely, Linear algebra is the study of vectors and linear functions. In broad terms, vectors are things you can add and linear functions are functions of vectors that respect vector addition. Linear Algebra: Step by Step by Kuldeep Singh. If you desire to learn something useful and general about Linear Algebra, this book is where you should (must) begin. It provides proofs, worked examples, diagrams, and plenty of exercises with brief solutions at the end of the book. If desired, a website is provided for obtaining detailed solutions. SCHAUM'S outlines Linear Algebra Fourth Edition Seymour Lipschutz, Ph.D. Temple University Marc Elementary linear algebra 10th edition. Elementary linear algebra 10th edition. Linear Algebra An Introduction Second Edition concepts in linear algebra are abstract; inde The Manga Guide to Linear Algebra. 266 Pages. Definitely have a place on my bookshelf. The Manga Guide to Linear Algebra The Manga Guide to