



## Matrix Algebra: Theory, Computations, and Applications in Statistics (Hardback)

By James E. Gentle

Springer-Verlag New York Inc., United States, 2007. Hardback. Condition: New. 2007 ed. Language: English. Brand new Book. Matrix algebra is one of the most important areas of mathematics for data analysis and for statistical theory. This much-needed work presents the relevant aspects of the theory of matrix algebra for applications in statistics. It moves on to consider the various types of matrices encountered in statistics, such as projection matrices and positive definite matrices, and describes the special properties of those matrices. Finally, it covers numerical linear algebra, beginning with a discussion of the basics of numerical computations, and following up with accurate and efficient algorithms for factoring matrices, solving linear systems of equations, and extracting eigenvalues and eigenvectors.



## Reviews

Good eBook and helpful one. It really is writter in straightforward words and phrases and never confusing. I am just effortlessly could possibly get a enjoyment of looking at a published book.

-- Romaine Rippin

The book is great and fantastic. it absolutely was writtern very properly and beneficial. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Lyda Davis II

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