

K.T. Tang

Mathematical Methods for Engineers and Scientists 1

Complex Analysis,
Determinants and Matrices



Springer

Mathematical Methods For Engineers And Scientists 1

Complex Analysis Determinants And Matrices V 1

Sebastian Brünink



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algebra that is suitable for a first course for undergraduate students The classic treatment of linear algebra presents the fundamentals in the clearest possible way examining basic ideas by means of computational examples and geometrical interpretation It proceeds from familiar concepts to the unfamiliar from the concrete to the abstract Readers consistently praise this outstanding text for its expository style and clarity of presentation In this edition a new section has been added to describe the applications of linear algebra in emerging fields such as data science machine learning climate science geomatics and biological modeling New exercises have been added with special attention to the expanded early introduction to linear transformations and new examples have been added where needed to support the exercise sets Calculus is not a prerequisite but there are clearly labeled exercises and examples which can be omitted without loss of continuity for students who have studied calculus *Whitaker's Cumulative Book List* ,1965 **American Book Publishing Record** ,1974

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