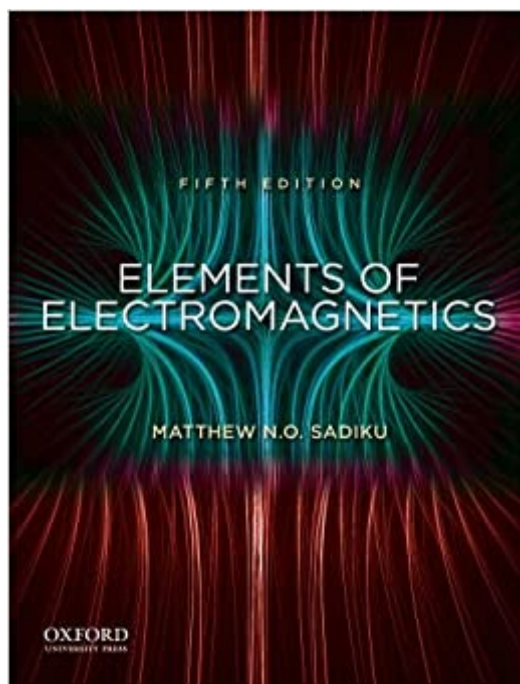


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Elements Of Electromagnetics (OXF SER ELEC)



Synopsis

Elements of Electromagnetics, Fifth Edition, uses a vectors-first approach to explain electrostatics, magnetostatics, fields, waves, and applications like transmission lines, waveguides, and antennas. The book also provides a balanced presentation of time-varying and static fields, preparing students for employment in today's industrial and manufacturing sectors. Streamlined to facilitate student understanding, this edition features worked examples in every chapter that explain how to use the theory presented in the text to solve different kinds of problems. Numerical methods, including MATLAB and vector analysis, are also included to help students analyze situations that they are likely to encounter in industry practice. Elements of Electromagnetics, Fifth Edition, is designed for introductory undergraduate courses in electromagnetics.

Book Information

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Matthew N.O. Sadiku is Professor in the Department of Electrical Engineering at Prarie View A&M University.

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A++++

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