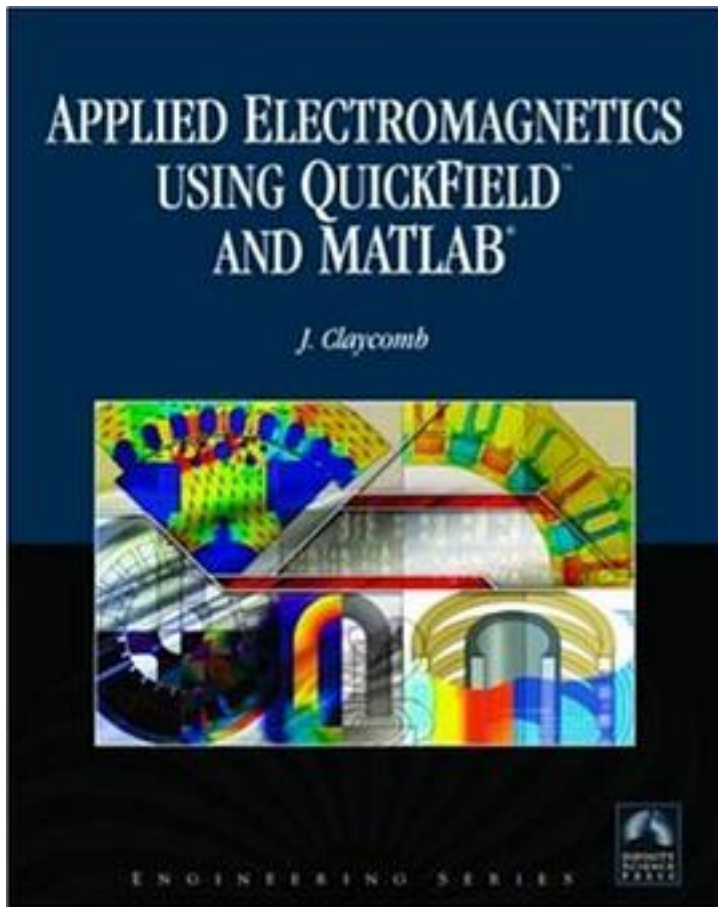# Applied Electromagnetics Using QuickField and MATLAB

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Intended as a textbook for electromagnetics or a reference for practicing engineers, the book uses the computer software packages QuickField and MATLAB for visualizing

electric and magnetic fields, and for calculating their resulting forces, charge, and current distributions. The concepts of electromagnetism "come alive" as the readers model real world problems and experiment with currents in biological tissue under electrical stimulation, for superconducting magnetic shielding, Monte Carlo methods, etc. The accompanying CD includes a fully functional version of QuickField (widely used in industry), as well as numerous demonstrations and simulations with MATLAB.

作者介绍:

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