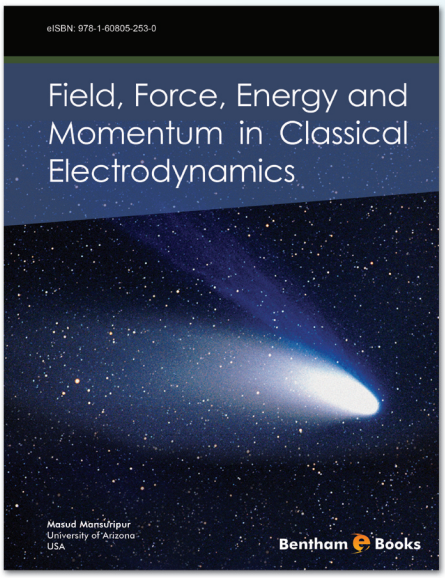

Editor:
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eISBN: 978-1-60805-253-0

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This book begins with a detailed analysis of these equations, and proceeds to examine their far-reaching consequences It takes Maxwell's "macroscopic" equations as the foundation of classical electrodynamics, and treats electrical charge, electrical current, polarization, and magnetization as the basic constituents of material media. A large number of examples demonstrate the solution of Maxwell's equations in diverse situations, and examine the flow of energy and momentum as well as the distribution of force and torque throughout the matter-field systems under consideration.

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