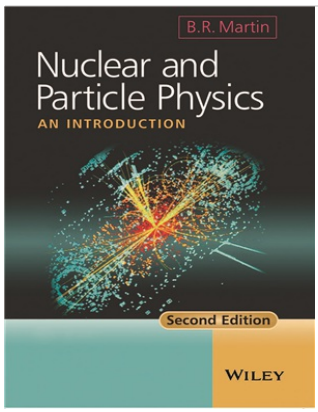
Book Information Sheet



Nuclear and Particle Physics: An Introduction, 2/e

B.R Martin

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About the Book

Nuclear & Particle Physics is an introduction to the subject and provides a readable and up-to-date overview of both the theoretical and experimental aspects of nuclear and particle physics, with an emphasis on the phenomenological interpretation of experimental phenomena.

Salient Features

Penning trap measurements of nuclear masses
Nuclear beta decay
Time reversal invariance and tests via measurements of electric dipole moments
Nuclear weapons
Experimental searches for the Higgs boson
Neutrino physics, including oscillation experiments and experiments on neutrinoless double beta decay
CP violation in the decays of B mesons and consequences for the standard model
Particle astrophysics

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