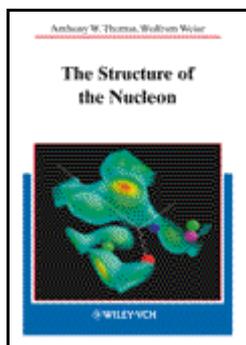


*Book Received**

The Structure of the Nucleon. By Anthony W. Thomas, Wolfram Weise. Wiley-VCH: Berlin, 2001. Pages: 289, Hardcover. Price: 146.69 DM / 75.- EUR / 130.- SFR. ISBN: 3-527-40297-7

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As the only stable baryon, the nucleon is of crucial importance in particle physics. Since the nucleon is a building block for all atomic nuclei, there is a need to analyse its structure in order to fully understand the essential properties of all atomic nuclei.

After more than forty years of research on the nucleon, both the experimental and theoretical situations have matured to a point where a synthesis of the results becomes indispensable. Here, A.W. Thomas and W. Weise present a unique report on the extensive empirical studies, theoretical foundations and the different models of the nucleon. The appendices provide an extensive summary of formulae needed in practical calculations.

From the contents: electromagnetic structure of the nucleon, weak probes of nucleon structure, deep inelastic lepton scattering on the nucleon; elements of QCD, aspects of non-perturbative QCD, Chiral Symmetry and nucleon structure, models of the nucleon

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