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The three-part treatment begins with the descriptive theory of nuclei, covering basic facts, including size, spins and statistics, and beta-disintegration and the neutrino. The second part explores quantitative theory of nuclear forces, covering physical properties of protons, neutrons, and deuterons; scattering; and effects of molecular binding and of non-central forces. The final section examines complex nuclei and beta-decay, including nuclear reactions, scattering, and beta-disintegration.

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