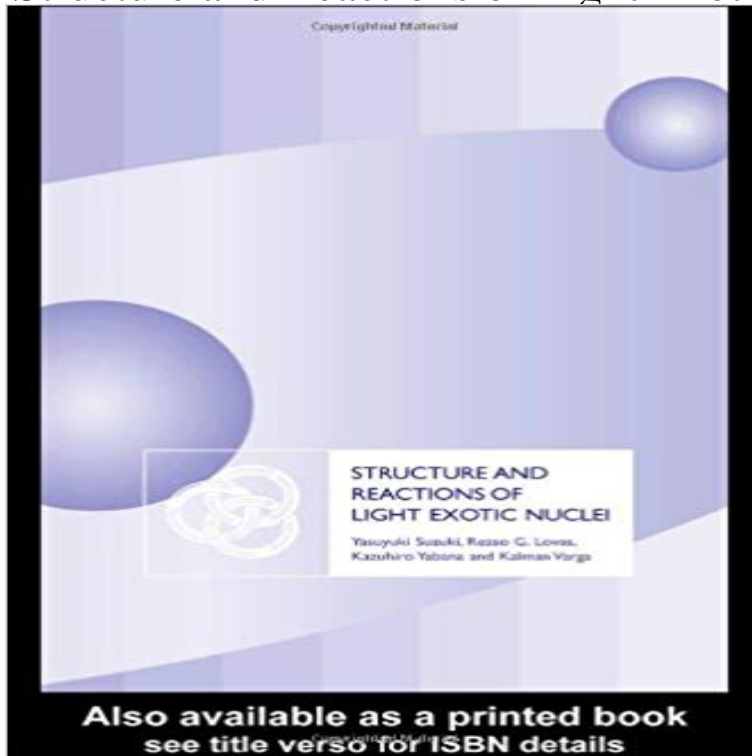


# Structure and Reactions of Light Exotic Nuclei



Since the mid-1980s increasing effort has been put into light exotic nuclei, that is light nuclei of unusual composition. The research of the exotic nuclei began with the advent of accelerated beams of such nuclei. This new technique has revitalized nuclear physics, and the facilities producing radioactive ion beams now offer opportunities for pioneering research. This book considers the theory of collisions of light exotic nuclei and puts forth a multi-cluster model in which the inter-cluster motion is treated accurately. Current hot topics are included, as are more advanced areas of the theory. Structure and Reactions of Light Exotic Nuclei is intended for both experimental and theoretical physicists of graduate level and above.

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