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Nota di contenuto	1. Introduction -- 2. Basic properties of the nucleus -- 3. Experimental set-up for the nuclear reaction/experiment -- 4. Offline measurements and extraction of fusion cross-section -- 5. Measurements of the angular distribution of elastically and inelastically scattered products -- 6. Proton induced spallation reactions.
Sommario/riassunto	This book provides a unique approach to understand the Nuclear Physics, especially from the experimental end. The highlight of this book is that special care has been taken to provide more experimental information, considering real experimental data which has been published in several journals. Special experimental focus is given to methodologies involving: offline gamma counting and online particle detection. The book provides information about recent developments in accelerators, overview of the detectors and concise information of associated electronics, data acquisition systems and computers for data analysis.