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Nota di contenuto	Introduction -- Polarized 3He Target -- 3He Polarimetry -- Measurement of the Absolute 3He Polarization at RANS -- Measurement of 3He Analyzing Power -- Discussion -- Summary and Conclusion.
Sommario/riassunto	This book presents proton-3He elastic scattering experiments conducted at intermediate energies, with the aim of identifying three-nucleon force (3NF) effects in a four-nucleon scattering system. The 3NF plays an essential part in understanding various nuclear phenomena, and few-nucleon scatterings further offers a good opportunity to study the dynamical aspects of 3NFs. In particular, proton-3He scattering is one of the most promising approaches to an iso-spin dependence of 3NFs. The book in-depth explains the achieved development of polarized 3He target system for the proton-3He scattering experiments, and describes successful precise evaluation of the target polarization. The experiments yielded the first precise data for this system and offer a valuable resource for the study of 3NFs.