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Nota di contenuto	Introduction -- Experimental facilities and methods -- Decay Spectroscopy -- Ground state properties of nuclei. Charge radii and moments -- Ground State Properties. Atomic Masses -- Applied and miscellaneous.-Future developments.
Sommario/riassunto	The IGISOL group at the University of Jyväskyla studies the properties of nuclei far off the line of beta stability. These studies are performed locally at the Jyväskylä Ion Guide Isotope Separator On-Line (IGISOL) facility, as well as at a number of other laboratories such as the ISOLDE facility in CERN, at GANIL and in Helmholzzentrum GSI, the location of the future radioactive beam facility FAIR. The group is also actively involved in work to support the development of international future facilities EURISOL and aforementioned FAIR. This book presents carefully selected papers to portrait the work at IGISOL. Previously published in the journals Hyperfine Interactions and European Physical Journal A.