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Nota di bibliografia	Includes bibliographical references (p. [179]-188) and index.
Nota di contenuto	Methods of LET spectrum and charge spectrum using CR-39 detectors -- Cosmic rays in space and in the Earth's atmosphere -- Radiation measured with CR-39 detectors at aviation altitudes -- Radiation measured with CR-39 detectors in low Earth orbit (LEO) -- Ground environmental radiation measured with CR-39 detectors -- Charge spectra of galactic cosmic rays measured with CR-39 detectors in LEO -- Radiation risk estimation using let spectrum measured with CR-39 detectors -- Condensed matter nuclear science -- Search for magnetic monopoles using CR-39 detectors.
Sommario/riassunto	CR-39 plastic nuclear track detectors have proved to be one of the most useful nuclear track detectors in physics research. This book describes the methods and applications using CR-39 detectors in several important physics research areas and presents results obtained.