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Nota di contenuto	Preface; Contents; 1 . Meteoritic Presolar Grains and Their Significance; 2 . Basics of Stellar Nucleosynthesis; 3 . Laboratory Analysis of Presolar Grains; 4 . The Origin of Presolar Sic Grains; 5 . Heavy Elements in Presolar SiC Grains; 6 . Diamond, Graphite and Oxide Grains; Appendix A Glossary; Appendix B Solutions to Exercises; Appendix C Selected Books and Reviews for Quick Reference; Bibliography; Index
Sommario/riassunto	The study of presolar meteoritic grains is a new inter-disciplinary field that brings together topics from nuclear physics to astronomy and chemistry. Traditionally, most of the information about the cosmos has been gathered by observing light through telescopes. However, with the recent discovery that some dust grains extracted from primitive meteorites were produced in stellar environments, we now have the opportunity to gather information about stars and our Galaxy from the laboratory analysis of tiny pieces of stardust. Stellar grains represent a unique and fascinating subject of study. Th