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| 1. Record Nr.           | UNINA9910706232003321                                                                                                                                                 |
| Autore                  | Lawrence Charles <1957->                                                                                                                                              |
| Titolo                  | Unsteady cascade aerodynamic response using a multiphysics simulation code // C. Lawrence, E. Spyropoulos, T.S.R. Reddy                                               |
| Pubbl/distr/stampa      | Cleveland, Ohio : , : National Aeronautics and Space Administration, Glenn Research Center, , January 2000                                                            |
| Descrizione fisica      | 1 online resource (14 pages) : illustrations                                                                                                                          |
| Collana                 | NASA/TM ; ; 2000-209635                                                                                                                                               |
| Soggetti                | Unsteady aerodynamics<br>Computer programs<br>Aerodynamic characteristics<br>Airfoils<br>Computerized simulation                                                      |
| Lingua di pubblicazione | Inglese                                                                                                                                                               |
| Formato                 | Materiale a stampa                                                                                                                                                    |
| Livello bibliografico   | Monografia                                                                                                                                                            |
| Note generali           | "January 2000."<br>"Performing organization: National Aeronautics and Space Administration, John H. Glenn Research Center at Lewis Field"--Report documentation page. |
| Nota di bibliografia    | Includes bibliographical references (pages 8-9).                                                                                                                      |

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| 2. Record Nr.           | UNINA9911138086803321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Autore                  | Lugaro Maria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Titolo                  | Stardust from meteorites : an introduction to Presolar Grains / / Maria Lugaro                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Pubbl/distr/stampa      | New Jersey ; ; London, : World Scientific, 2005                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ISBN                    | 9786611905842<br>9781281905840<br>1281905844<br>9789812703484<br>9812703489                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Edizione                | [1st ed.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Descrizione fisica      | 1 online resource (224 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Collana                 | World Scientific series in astronomy and astrophysics ; ; v. 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Disciplina              | 523.1125<br>523.51                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Soggetti                | Cosmic grains<br>Interstellar matter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Note generali           | Description based upon print version of record.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Nota di bibliografia    | Includes bibliographical references and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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 |