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| 1. Record Nr.           | UNINA9910782204303321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Autore                  | Christakos George                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Titolo                  | Modern spatiotemporal geostatistics [[electronic resource] /] / George Christakos                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Pubbl/distr/stampa      | Oxford [England] ; ; New York, : Oxford University Press, 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ISBN                    | 1-280-83477-3<br>9786610834778<br>0-19-803179-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Descrizione fisica      | 1 online resource (307 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Collana                 | International Association for Mathematical Geology studies in mathematical geology ; ; 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Disciplina              | 550.15195<br>550/.7/27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Soggetti                | Bayesian statistical decision theory<br>Earth sciences - Statistical methods<br>Maximum entropy method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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 (p. 273-282) and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Nota di contenuto       | PREFACE; TABLE OF CONTENTS; CHAPTER 1: Spatiotemporal Mapping in Natural Sciences; CHAPTER 2: Spatiotemporal Geometry; CHAPTER 3: Physical Knowledge; CHAPTER 4: The Epistemic Paradigm; CHAPTER 5: Mathematical Formulation of the BME Method; CHAPTER 6: Analytical Expressions of the Posterior Operator; CHAPTER 7: The Choice of a Spatiotemporal Estimate; CHAPTER 8: Uncertainty Assessment; CHAPTER 9: Modifications of Formal BME Analysis; CHAPTER 10: Single-Point Analytical Formulations; CHAPTER 11: Multipoint Analytical Formulations<br>CHAPTER 12: Popular Methods in the Light of Modern Spatiotemporal Geostatistics<br>CHAPTER 13: A Call Not to Arms but to Research;<br>BIBLIOGRAPHY; INDEX |
| Sommario/riassunto      | Preface. 1. Spatiotemporal Mapping in Natural Sciences. 2. Spatiotemporal Geometry. 3. Physical Knowledge. 4. The Epistemic Paradigm. 5. Mathematical Formulation of the BME Method. 6. Analytical Expressions of the Posterior Operator. 7. The Choice of a Spatiotemporal Estimate. 8. Uncertainty Assessment. 9. Modifications                                                                                                                                                                                                                                                                                                                                                                                  |

of Formal BME Analysis. 10. Single-Point Analytical Formulations. 11. Multipoint Analytical Formulations. 12. Popular Methods in the Light of Modern Spatiotemporal Geostatistics. 13. A Call Not to Arms but to Research. Bibliography. Index

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