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| Descrizione fisica | 1 online resource (292 pages) |
| Collana | Inverse and ill-posed problems series |
| Classificazione | SK 560 |
| Disciplina | 530.15/535 |
| Soggetti | Inverse problems (Differential equations) - Numerical solutions Mathematical physics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
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| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | Frontmatter -- Contents -- Preface -- Chapter 1. Introduction -- Chapter 2. Ray statements of inverse problems -- Chapter 3. Local solvability of some inverse problems -- Chapter 4. Inverse problems with single measurements -- Chapter 5. Stability estimates related to inverse problems for the transport equation -- Bibliography |
| Sommario/riassunto | This monograph deals with some inverse problems of mathematical physics. It introduces new methods for studying inverse problems and gives obtained results, which are related to the conditional well posedness of the problems. The main focus lies on time-domain inverse problems for hyperbolic equations and the kinetic transport equation. |