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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.