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Autore	Klibanov M. V (Michael V.)
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Collana	Inverse and Ill-Posed Problems Series
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Nota di contenuto	Frontmatter -- Preface -- Contents -- Chapter 1. Introduction -- Chapter 2. Carleman estimates and ill-posed Cauchy problems -- Chapter 3. Global uniqueness results in high dimensions -- Chapter 4. The global uniqueness of a nonlinear parabolic problem -- Chapter 5. On the numerical solution of coefficient inverse problems -- Chapter 6. Some globally convergent convexification algorithms -- Chapter 7. Some applied problems -- Bibliography
Sommario/riassunto	In this monograph, the main subject of the author's considerations is coefficient inverse problems. Arising in many areas of natural sciences and technology, such problems consist of determining the variable coefficients of a certain differential operator defined in a domain from boundary measurements of a solution or its functionals. Although the authors pay strong attention to the rigorous justification of known results, they place the primary emphasis on new concepts and developments.