1. | | |
   |---|---|
   | Record Nr. | UNIORUON00300923 |
   | Autore | GRABOWSKI, Tadeusz |
   | Titolo | Juliusz Slowacki : jego zycie i dziela na tle epoki. Tom 2. / Tadeusz Grabowski |
   | Pubbl/distr/stampa | Poznan, : Ksiegarnia Fiszer i Majewski, 1924 |
   | Edizione | [Wydanie drugie] |
   | Descrizione fisica | 382 p. ; 23 cm. |
   | Disciplina | 891.85 |
   | Soggetti | SLOWACKI JULIUSZ |
   | Lingua di pubblicazione | Polacco |
   | Formato | Materiale a stampa |
   | Livello bibliografico | Monografia |

2. | | |
   |---|---|
   | Record Nr. | UNINA9910822673403321 |
   | Autore | Danilaev P. G. |
   | Titolo | Coefficient inverse problems for parabolic type equations and their application / / P.G. Danilaev |
   | Pubbl/distr/stampa | Utrecht ; ; Boston : , : VSP, , 2001 |
   | ISBN | 3-11-094091-4 |
   | Edizione | [Reprint 2014] |
   | Descrizione fisica | 1 online resource (125 pages) : illustrations |
   | Collana | Inverse and ill-posed problems series, , 1381-4524 |
   | Disciplina | 515/.353 |
   | Soggetti | Differential equations, Parabolic - Numerical solutions |
   | | Inverse problems (Differential equations) - Numerical solutions |
   | Lingua di pubblicazione | Inglese |
   | Formato | Materiale a stampa |
   | Livello bibliografico | Monografia |
   | Note generali | Bibliographic Level Mode of Issuance: Monograph |
   | Nota di bibliografia | Includes bibliographical references. |
   | Nota di contenuto | Front matter -- Contents -- Preface -- Chapter 1. On the ill-posedness of coefficient inverse problems and the general approach to the study of them -- Chapter 2. Determining the coefficient of the lowest term of equation -- Chapter 3. Determining of the coefficient for the leading |

terms of equation -- Chapter 4. Modification of the method of determining the coefficient of the leading terms in an equation -- Chapter 5. Generalizations of the developed algorithm for solving coefficient inversion problems -- Chapter 6. On applications of coefficient inverse problems in underground fluid dynamics -- Summary -- Bibliography

Sommario/riassunto

As a rule, many practical problems are studied in a situation when the input data are incomplete. For example, this is the case for a parabolic partial differential equation describing the non-stationary physical process of heat and mass transfer if it contains the unknown thermal conductivity coefficient. Such situations arising in physical problems motivated the appearance of the present work. In this monograph the author considers numerical solutions of the quasi-inversion problems, to which the solution of the original coefficient inverse problems are reduced. Underground fluid dynamics is taken as a field of practical use of coefficient inverse problems. The significance of these problems for this application domain consists in the possibility to determine the physical fields of parameters that characterize the filtration properties of porous media (oil strata). This provides the possibility of predicting the conditions of oil-field development and the effects of the exploitation. The research carried out by the author showed that the quasi-inversion method can be applied also for solution of "interior coefficient inverse problems" by reducing them to the problem of continuation of a solution to a parabolic equation. This reduction is based on the results of the proofs of the uniqueness theorems for solutions of the corresponding coefficient inverse problems.

3.	Record Nr.	UNINA9910765545003321
	Autore	Okedu Kenneth Eloghene
	Titolo	Exergy : new technologies and applications / / Kenneth Eloghene Okedu
	Pubbl/distr/stampa	London : , : IntechOpen, , 2023
	ISBN	1-83768-545-2
	Descrizione fisica	1 online resource : illustrations
	Disciplina	333.79
	Soggetti	Power resources Power resources - Research
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	1. Exergy of Solar Dryer -- 2. High Synthetic Image Coding System -- 3. Nonreciprocal Photovoltaics: The Path to Conversion of Entire Power-Beam Exergy -- 4. Comparison of Evaporation in Conventional Diesel and Bio-Fuel Droplets in Engine Cylinder -- 5. Computational Simulation of Heat Transfer in a Dip Shrink Tank Using Two Different Arrangements of Electrical Resistances -- 6. Nature as a Teacher for Abiota Self-Organization in Terms of Entropy Analysis -- 7. State-of-the-Art on the Marine Current Turbine System Faults -- 8. Using Exergy-Based Metrics in Assessing Sustainability of Fossil-Fueled Thermal Energy Systems.
	Sommario/riassunto	This book discusses the topology of exergy as a measure of energy quality with regards to any type of machinery. Because exergy takes the second law of thermodynamics, it is partially destroyed in every process of energy conversion. Consequently, this book focuses on entropy creation in irreversible processes of low temperatures resulting in generation of waste heat. It also addresses ideas on thermodynamic systems and environment, considering temperature, chemical decomposition, and electric potential characteristics and imaging. Finally, the book provides a description of energy utilization expressed as energy efficiency.