

1. Record Nr.	UNINA9910463702703321
Autore	Lorenzi A.
Titolo	Identification problems of wave phenomena : theory and numerics // S. I. Kabanikhin and A. Lorenzi
Pubbl/distr/stampa	Utrecht, the Netherlands : , : VSP, , 1999
ISBN	3-11-094329-8
Edizione	[Reprint 2014]
Descrizione fisica	1 online resource (352 pages)
Collana	Inverse and ill-posed problems series
Disciplina	510
Soggetti	Wave equation Waves - Mathematics Nonlinear wave equations Inverse problems (Differential equations) Volterra equations Number theory Electronic books.
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	Frontmatter -- Contents -- Introduction -- Chapter 1. Statements of the direct and inverse problems. Examples -- Chapter 2. Volterra operator equations -- Chapter 3. Inverse problems for Maxwell's equations -- Chapter 4. Linearization and Newton - Kantorovich method -- Chapter 5. The Gel'fand - Levitan Method -- Chapter 6. Regularization -- Chapter 7. The method of the optimal control -- Chapter 8. Inversion of finite-difference schemes -- Chapter 9. Strongly ill-posed problems -- Chapter 10. Identification problems related to first-order scalar semilinear equations -- Chapter 11. An identification problem for a first-order integro-differential equation -- Chapter 12. An inverse hyperbolic integro-differential problem arising in Geophysics -- Chapter 13. Integro-differential identification problems related to the one-dimensional wave equation -- Chapter 14. Lavrent'ev regularization of solutions to linear integro-differential inverse problems -- Chapter 15. A stability result for the identification of a nonlinear term in a semilinear hyperbolic integro-differential equation -- Chapter 16. Inverse problems in Electromagnetoelasticity

-- Bibliography

2. Record Nr.	UNINA9910299347503321
Autore	Lin Xiaodong
Titolo	Privacy-Enhancing Fog Computing and Its Applications // by Xiaodong Lin, Jianbing Ni, Xuemin (Sherman) Shen
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-030-02113-0
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (98 pages)
Collana	SpringerBriefs in Electrical and Computer Engineering, , 2191-8112
Disciplina	005.8
Soggetti	Data protection Wireless communication systems Mobile communication systems Electrical engineering Security Wireless and Mobile Communication Communications Engineering, Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1 Introduction -- 2 Privacy-enhancing Technologies -- 3 Identity Privacy Protection in Smart Parking Navigation -- 4 Location Privacy Protection in Mobile Crowdsensing -- 5 Data Privacy Protection in Smart Grid -- 6 Conclusions and Future Directions.
Sommario/riassunto	This SpringerBrief covers the security and privacy challenges in fog computing, and proposes a new secure and privacy-preserving mechanisms to resolve these challenges for securing fog-assisted IoT applications. Chapter 1 introduces the architecture of fog-assisted IoT applications and the security and privacy challenges in fog computing. Chapter 2 reviews several promising privacy-enhancing techniques and illustrates examples on how to leverage these techniques to enhance the privacy of users in fog computing. Specifically, the authors divide the existing privacy-enhancing techniques into three categories: identity-hidden techniques, location privacy protection and data

privacy enhancing techniques. The research is of great importance since security and privacy problems faced by fog computing impede the healthy development of its enabled IoT applications. With the advanced privacy-enhancing techniques, the authors propose three secure and privacy-preserving protocols for fog computing applications, including smart parking navigation, mobile crowdsensing and smart grid. Chapter 3 introduces identity privacy leakage in smart parking navigation systems, and proposes a privacy-preserving smart parking navigation system to prevent identity privacy exposure and support efficient parking guidance retrieval through road-side units (fogs) with high retrieving probability and security guarantees. Chapter 4 presents the location privacy leakage, during task allocation in mobile crowdsensing, and propose a strong privacy-preserving task allocation scheme that enables location-based task allocation and reputation-based report selection without exposing knowledge about the location and reputation for participators in mobile crowdsensing. Chapter 5 introduces the data privacy leakage in smart grid, and proposes an efficient and privacy-preserving smart metering protocol to allow collectors (fogs) to achieve real-time measurement collection with privacy-enhanced data aggregation. Finally, conclusions and future research directions are given in Chapter 6. This brief validates the significant feature extension and efficiency improvement of IoT devices without sacrificing the security and privacy of users against dishonest fog nodes. It also provides valuable insights on the security and privacy protection for fog-enabled IoT applications. Researchers and professionals who carry out research on security and privacy in wireless communication will want to purchase this SpringerBrief. Also, advanced level students, whose main research area is mobile network security will also be interested in this SpringerBrief. .

3. Record Nr.	UNINA9910143062803321
Titolo	Biosilico
Pubbl/distr/stampa	London, : Elsevier Science, ©2003
Descrizione fisica	1 online resource
Collana	Drug discovery today publications
Soggetti	<p>Drugs - Design</p> <p>Drugs - Design - Data processing</p> <p>Biochemistry - Data processing</p> <p>Drugs - Computer simulation</p> <p>Drug development - Data processing</p> <p>Drug Design</p> <p>Medical Informatics</p> <p>Medicaments - Conception</p> <p>Medicaments - Conception - Informatique</p> <p>Biochimie - Informatique</p> <p>Medicaments - Simulation par ordinateur</p> <p>Medicaments - Developpement - Informatique</p> <p>Medecine - Informatique</p> <p>Periodical</p> <p>periodicals.</p> <p>Periodicals.</p> <p>Periodiques.</p>
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico