

Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security)

By Wojciech Mazurczyk, Steffen Wendzel, Sebastian Zander, Amir Houmansadr, Krzysztof Szczypiorski

Download now

Read Online

Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) By Wojciech Mazurczyk, Steffen Wendzel, Sebastian Zander, Amir Houmansadr, Krzysztof Szczypiorski

Describes Information Hiding in communication networks, and highlights their important issues, challenges, trends, and applications.

- Highlights development trends and potential future directions of Information Hiding
- Introduces a new classification and taxonomy for modern data hiding techniques
- Presents different types of network steganography mechanisms
- Introduces several example applications of information hiding in communication networks including some recent covert communication techniques in popular Internet services

Download Information Hiding in Communication Networks: Fund ...pdf

Read Online Information Hiding in Communication Networks: Fu ...pdf

Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security)

By Wojciech Mazurczyk, Steffen Wendzel, Sebastian Zander, Amir Houmansadr, Krzysztof Szczypiorski

Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) By Wojciech Mazurczyk, Steffen Wendzel, Sebastian Zander, Amir Houmansadr, Krzysztof Szczypiorski

Describes Information Hiding in communication networks, and highlights their important issues, challenges, trends, and applications.

- Highlights development trends and potential future directions of Information Hiding
- Introduces a new classification and taxonomy for modern data hiding techniques
- Presents different types of network steganography mechanisms
- Introduces several example applications of information hiding in communication networks including some recent covert communication techniques in popular Internet services

Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) By Wojciech Mazurczyk, Steffen Wendzel, Sebastian Zander, Amir Houmansadr, Krzysztof Szczypiorski Bibliography

- Sales Rank: #1731172 in Books
- Published on: 2016-02-29
- Original language: English
- Number of items: 1
- Dimensions: 9.50" h x .85" w x 6.35" l, .0 pounds
- Binding: Hardcover
- 296 pages

Download Information Hiding in Communication Networks: Fund ...pdf

Read Online Information Hiding in Communication Networks: Fu ...pdf

Download and Read Free Online Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) By Wojciech Mazurczyk, Steffen Wendzel, Sebastian Zander, Amir Houmansadr, Krzysztof Szczypiorski

Editorial Review

From the Back Cover

Describes Information Hiding in communication networks, and highlights their important issues, challenges, trends, and applications.

This book provides the fundamental concepts, terminology, and classifications of information hiding in communication networks along with its historical background. *Information Hiding In Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures* begins with introducing data concealment methods and their evolution. Chapter two discusses the existing terminology and describes the model for hidden communication and related communication scenarios. Chapters three to five present the main classes of information hiding in communication networks accompanied by a discussion of their robustness and undetectability. The book concludes with a discussion of potential countermeasures against information hiding techniques, which includes different types of mechanisms for the detection, limitation and prevention of covert communication channels.

- Highlights development trends and potential future directions of Information Hiding
- Introduces a new classification and taxonomy for modern data hiding techniques
- Presents different types of network steganography mechanisms
- Introduces several example applications of information hiding in communication networks including some recent covert communication techniques in popular Internet services

This book is intended for academics, graduate students, professionals, and researchers working in the fields of network security, networking, and communications.

Wojciech Mazurczyk is an Associate Professor at the Institute of Telecommunications, Faculty of Electronics and Information Technology, Warsaw University, Poland. He is also a senior member of IEEE.

Steffen Wendzel is Head of Secure Building Automation at the Fraunhofer Institute for Communication, Information Processing, and Ergonomics (FKIE) in Bonn, Germany.

Sebastian Zander is a Lecturer at the School of Engineering and Information Technology, Murdoch University, Australia.

Amir Houmansadr is an Assistant Professor within the College of Information and Computer Sciences at the University of Massachusetts Amherst.

Krzysztof Szczypiorski is a Professor of Telecommunications at the Institute of Telecommunications, Faculty of Electronics and Information Technology at Warsaw University of Technology, Poland.

About the Author

Wojciech Mazurczyk is an Associate Professor at the Institute of Telecommunications, Faculty of

Electronics and Information Technology, Warsaw University, Poland. He is also a senior member of IEEE.

Steffen Wendzel is Head of Secure Building Automation at the Fraunhofer Institute for Communication, Information Processing, and Ergonomics (FKIE) in Bonn, Germany.

Sebastian Zander is a Lecturer at the School of Engineering and Information Technology, Murdoch University, Australia.

Amir Houmansadr is an Assistant Professor within the College of Information and Computer Sciences at the University of Massachusetts Amherst.

Krzysztof Szczypiorski is a Professor of Telecommunications at the Institute of Telecommunications, Faculty of Electronics and Information Technology at Warsaw University of Technology, Poland.

Users Review

From reader reviews:

Robert Young:

Why don't make it to become your habit? Right now, try to ready your time to do the important action, like looking for your favorite reserve and reading a publication. Beside you can solve your condition; you can add your knowledge by the guide entitled Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security). Try to make the book Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) as your friend. It means that it can to get your friend when you truly feel alone and beside that of course make you smarter than ever before. Yeah, it is very fortuned for yourself. The book makes you much more confidence because you can know anything by the book. So , we should make new experience in addition to knowledge with this book.

Linda Griffin:

The publication with title Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) contains a lot of information that you can study it. You can get a lot of benefit after read this book. This particular book exist new understanding the information that exist in this reserve represented the condition of the world today. That is important to yo7u to understand how the improvement of the world. This specific book will bring you in new era of the syndication. You can read the e-book in your smart phone, so you can read that anywhere you want.

Terrie Newlin:

Your reading sixth sense will not betray you actually, why because this Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) guide written by well-known writer whose to say well how to make book which might be understand by anyone who also read the book. Written within

good manner for you, dripping every ideas and publishing skill only for eliminate your current hunger then you still skepticism Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) as good book but not only by the cover but also by content. This is one e-book that can break don't judge book by its include, so do you still needing another sixth sense to pick this specific!? Oh come on your reading sixth sense already told you so why you have to listening to yet another sixth sense.

Stephen Stansbury:

In this era globalization it is important to someone to receive information. The information will make professionals understand the condition of the world. The healthiness of the world makes the information easier to share. You can find a lot of recommendations to get information example: internet, newspaper, book, and soon. You can see that now, a lot of publisher that print many kinds of book. Typically the book that recommended to you is Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) this e-book consist a lot of the information of the condition of this world now. That book was represented just how can the world has grown up. The words styles that writer use for explain it is easy to understand. The actual writer made some research when he makes this book. That is why this book ideal all of you.

Download and Read Online Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) By Wojciech Mazurczyk, Steffen Wendzel, Sebastian Zander, Amir Houmansadr, Krzysztof Szczypiorski #6CPURFOGHNE

Read Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) By Wojciech Mazurczyk, Steffen Wendzel, Sebastian Zander, Amir Houmansadr, Krzysztof Szczypiorski for online ebook

Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) By Wojciech Mazurczyk, Steffen Wendzel, Sebastian Zander, Amir Houmansadr, Krzysztof Szczypiorski Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) By Wojciech Mazurczyk, Steffen Wendzel, Sebastian Zander, Amir Houmansadr, Krzysztof Szczypiorski books to read online.

Online Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) By Wojciech Mazurczyk, Steffen Wendzel, Sebastian Zander, Amir Houmansadr, Krzysztof Szczypiorski ebook PDF download

Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) By Wojciech Mazurczyk, Steffen Wendzel, Sebastian Zander, Amir Houmansadr, Krzysztof Szczypiorski Doc

Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) By Wojciech Mazurczyk, Steffen Wendzel, Sebastian Zander, Amir Houmansadr, Krzysztof Szczypiorski Mobipocket

Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) By Wojciech Mazurczyk, Steffen Wendzel, Sebastian Zander, Amir Houmansadr, Krzysztof Szczypiorski EPub

6CPURFOGHNE: Information Hiding in Communication Networks: Fundamentals, Mechanisms, Applications, and Countermeasures (IEEE Press Series on Information and Communication Networks Security) By Wojciech Mazurczyk, Steffen Wendzel, Sebastian Zander, Amir Houmansadr, Krzysztof Szczypiorski