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# Noiseless Steganography: The Key to Covert Communications

*Abdelrahman Desoky*

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**Noiseless Steganography: The Key to Covert Communications** Abdelrahman Desoky

Among the features that make **Noiseless Steganography: The Key to Covert Communications** a first of its kind:

- The first to comprehensively cover Linguistic Steganography
- The first to comprehensively cover Graph Steganography
- The first to comprehensively cover Game Steganography

Although the goal of steganography is to prevent adversaries from suspecting the existence of covert communications, most books on the subject present outdated steganography approaches that are detectable by human and/or machine examinations. These approaches often fail because they camouflage data as a detectable noise by altering digital images, audio files, text, etc. However, such alteration raises suspicion and makes the message discernible by detecting its noise.

Addressing such shortcomings, **Noiseless Steganography: The Key to Covert Communications** introduces a novel Noiseless Steganography Paradigm (Nostega). Rather than hiding data in noise or producing noise, Nostega camouflages messages as well as their transmission in the form of unquestionable data in the generated steganographic cover. The book explains how to use Nostega to determine suitable domains capable of generating unsuspicious steganographic cover in which messages are embedded in the form of innocent data that is compatible with the chosen domain. It presents a number of Nostega-based methodologies, including but not limited to:

- A novel cover type that enables data to be hidden in plotted graphs
- A novel methodology that pursues popular games such as chess, checkers, crosswords, and dominoes to conceal messages
- Comprehensive coverage of linguistic steganography
- Several novel linguistic steganography methodologies based on Natural Language Processing and

Computational Linguistic techniques such as: Education-Centric-Based, Summarization-Based, Natural Language Generation Based, Random-Series-Based, Email Headers Based, Automatic Joke Generation Based, List-Based, and Automatic Notes Generation Based

The first book to provide comprehensive coverage of Linguistic Steganography, Graph Steganography, and Game Steganography, it discusses the implementation and steganalysis validation of ten Nostega-based methodologies. It describes how to establish covert channels by employing the selected domain to serve as justification for the interaction and delivery of the cover among the communicating parties. Instead of using contemporary steganography approaches to camouflage your data as noise that is assumed to look innocent, the text provides you with the tools to prevent your adversaries from suspecting the existence of covert communications altogether.

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This book untitled Noiseless Steganography: The Key to Covert Communications to be one of several books that best seller in this year, that is because when you read this book you can get a lot of benefit upon it. You will easily to buy this kind of book in the book store or you can order it by using online. The publisher of this book sells the e-book too. It makes you quickly to read this book, because you can read this book in your Touch screen phone. So there is no reason to you to past this book from your list.

**Judith Mandel:**

Spent a free time to be fun activity to perform! A lot of people spent their down time with their family, or their friends. Usually they doing activity like watching television, planning to beach, or picnic inside park. They actually doing same every week. Do you feel it? Do you want to something different to fill your current free time/ holiday? Could be reading a book can be option to fill your cost-free time/ holiday. The first thing that you will ask may be what kinds of guide that you should read. If you want to try out look for book, may be the publication untitled Noiseless Steganography: The Key to Covert Communications can be great book to read. May be it is usually best activity to you.

**Holly Sheehan:**

The actual book Noiseless Steganography: The Key to Covert Communications has a lot info on it. So when you check out this book you can get a lot of help. The book was compiled by the very famous author. The writer makes some research before write this book. This kind of book very easy to read you can find the point easily after reading this article book.

**Elmo Bragg:**

The book untitled Noiseless Steganography: The Key to Covert Communications contain a lot of information on the idea. The writer explains her idea with easy method. The language is very simple to implement all the people, so do not worry, you can easy to read the idea. The book was authored by famous author. The author will bring you in the new period of literary works. You can easily read this book because you can please read on your smart phone, or model, so you can read the book inside anywhere and anytime. In a situation you wish to purchase the e-book, you can start their official web-site and also order it. Have a nice examine.


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