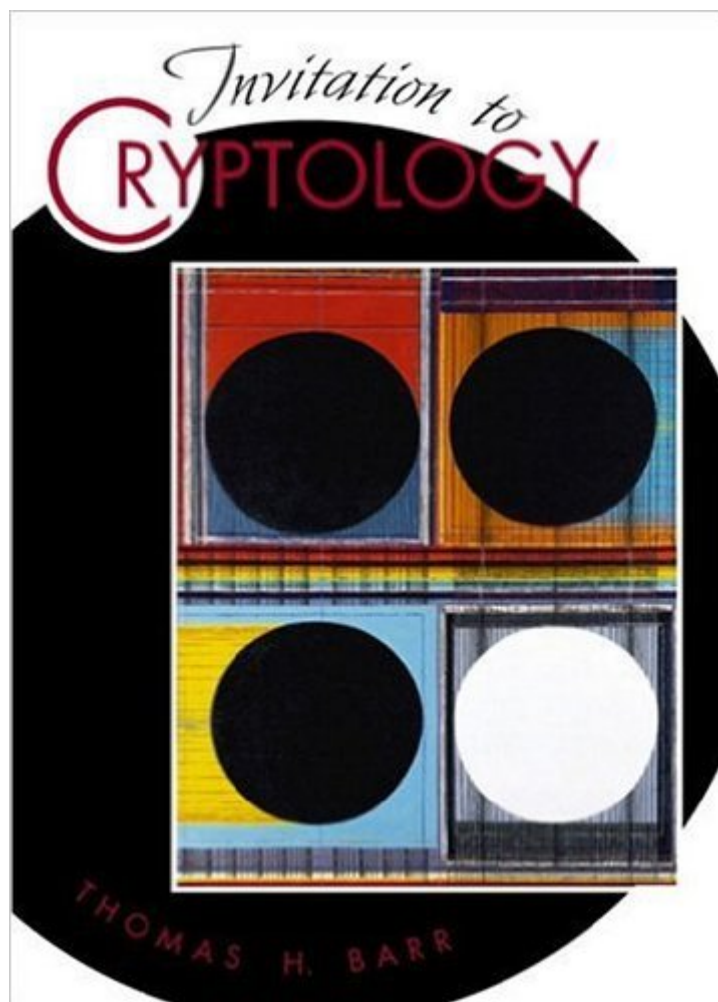


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# Invitation To Cryptology



## Synopsis

This book introduces a wide range of up-to-date cryptological concepts along with the mathematical ideas that are behind them. The new and old are organized around a historical framework. A variety of mathematical topics that are germane to cryptology (e.g., modular arithmetic, Boolean functions, complexity theory, etc.) are developed, but they do not overshadow the main focus of the book. Chapter topics cover origins, examples, and ideas in cryptology; classical cryptographic techniques; symmetric computer-based cryptology; public-key cryptography; and present practice, issues, and the future. For individuals seeking an up-close and accurate idea of how current-day cryptographic methods work.

## Book Information

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Average Customer Review: 2.6 out of 5 stars [See all reviews](#) (8 customer reviews)

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## Customer Reviews

Nobody in my Cryptology class is very happy about this book, even the teacher. She says it is the best that is available that doesn't cost hundreds, but dang, it sure makes taking this class difficult. If you have a good teacher, you can probably get by with this book, but if the teacher isn't so great, you won't be able to teach yourself from this book. The descriptions of how to solve the problems are vague, and the few given answers to the problems are sometimes wrong. Skip this book if you can... but I know most classes require it, so it is not your choice!

I do like the book. I also agree that there are, indeed, several errors. The author published a partial errata list online at <http://tbarr.net/invitationtocryptology/errata.html> There are some additional errors,

as well. I'm using this as a textbook in a class I'm teaching, and a previous teacher of this class, this current class, and I are compiling an updated list of errors in the solutions in the back of the book. (There aren't that many, but they are annoying.) If you would benefit having from this list immediately, please email me at [d.grinstein@snhu.edu](mailto:d.grinstein@snhu.edu) with the subject "Cryptography Errata Request", and I'll provide the list of what we've found so far.

Required for a cryptology course. While it covers some really great topics, and serves as a very gentle introduction, it very out of date and generally not applicable to anything resembling 'modern.' If you have the option I'd pass and pick up else. The real reason to hate this book though, isn't any of that. If the above were all that was wrong, it'd be a solid 3 stars. The real reason to hate this text is that it's FRAUGHT with errors. In the examples, in the exercises, in the example answers. They are everywhere. Not general bad editing errors mind you. These are glaring, significant, and very misleading. If you're working through problems in this text without foreknowledge of an error on a given problem you should assume there's an error in the text if the answer doesn't make sense, or match what the book provides. It really is that bad.

Great book, but there a few typos in important areas (like formulas), and I had to get it replaced once because the first copy I got wasn't bound well, had incorrectly cut pages, and was losing pages before I'd had it for long.

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