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## Selected Unsolved Problems In Coding Theory (Applied And Numerical Harmonic Analysis)





## Synopsis

Using an original mode of presentation, and emphasizing the computational nature of the subject, this book explores a number of the unsolved problems that still exist in coding theory. A well-established and highly relevant branch of mathematics, the theory of error-correcting codes is concerned with reliably transmitting data over a â ^noisyâ <sup>™</sup> channel. Despite frequent use in a range of contexts, the subject still contains interesting unsolved problems that have resisted solution by some of the most prominent mathematicians of recent decades.Employing Sageâ •a free open-source mathematics software systemâ •to illustrate ideas, this book is intended for graduate students and researchers in algebraic coding theory. The work may be used as supplementary reading material in a graduate course on coding theory or for self-study.

## **Book Information**

Series: Applied and Numerical Harmonic Analysis Hardcover: 248 pages Publisher: BirkhÃf¤user; 2011 edition (August 26, 2011) Language: English ISBN-10: 0817682554 ISBN-13: 978-0817682552 Product Dimensions: 6.1 x 0.6 x 9.2 inches Shipping Weight: 14.1 ounces (View shipping rates and policies) Average Customer Review: Be the first to review this item Best Sellers Rank: #2,027,749 in Books (See Top 100 in Books) #311 in Books > Science & Math > Mathematics > Geometry & Topology > Algebraic Geometry #595 in Books > Computers & Technology > Computer Science > Information Theory #682 in Books > Science & Math > Mathematics > Pure Mathematics > Number Theory

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