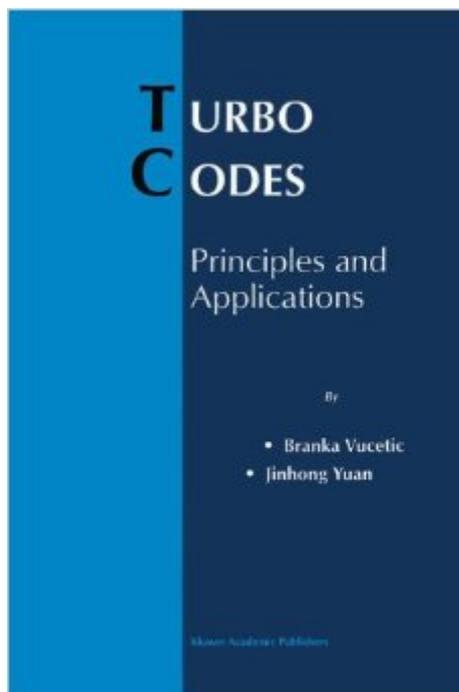


The book was found

Turbo Codes: Principles And Applications (The Springer International Series In Engineering And Computer Science)



Synopsis

This book grew out of our research, industry consulting and continuing education courses. Turbo coding initially seemed to belong to a restricted research area, while now has become a part of the mainstream telecommunication theory and practice. The turbo decoding principles have found widespread applications not only in error control, but in detection, interference suppression and equalization. Intended for use by advanced students and professional engineers, involved in coding and telecommunication research, the book includes both basic and advanced material. The chapters are sequenced so that the knowledge is acquired in a logical and progressive way. The algorithm descriptions and analysis are supported by examples throughout the book. Performance evaluations of the presented algorithms are carried out both analytically and by simulations. Basic material included in the book has been taught to students and practicing professionals over the last four years in the form of senior undergraduate or graduate courses, lecture series and short continuing education courses.

Book Information

Series: The Springer International Series in Engineering and Computer Science (Book 559)

Hardcover: 312 pages

Publisher: Springer; 2000 edition (January 15, 2000)

Language: English

ISBN-10: 0792378687

ISBN-13: 978-0792378686

Product Dimensions: 6.1 x 0.8 x 9.2 inches

Shipping Weight: 13.6 ounces (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars [See all reviews](#) (1 customer review)

Best Sellers Rank: #4,122,638 in Books (See Top 100 in Books) #50 in [Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Coding Theory](#) #795 in [Books > Computers & Technology > Hardware & DIY > Internet & Networking](#) #1535 in [Books > Computers & Technology > Computer Science > Systems Analysis & Design](#)

Customer Reviews

Good in general, with good coverage of foundation. The derivation for the SCCC need more detail especially in the calculation of the branch metric for the outer decoder. Did not talk about hybrid. Also, did not include the SISO decoding algorithm.

[Download to continue reading...](#)

Turbo Codes: Principles and Applications (The Springer International Series in Engineering and Computer Science) Turbo Coding (The Springer International Series in Engineering and Computer Science) Iterative Detection: Adaptivity, Complexity Reduction, and Applications (The Springer International Series in Engineering and Computer Science) Sigma Delta Modulators: Nonlinear Decoding Algorithms and Stability Analysis (The Springer International Series in Engineering and Computer Science) Complexity of Lattice Problems: A Cryptographic Perspective (The Springer International Series in Engineering and Computer Science) Verification of Computer Codes in Computational Science and Engineering Introduction to Computational Social Science: Principles and Applications (Texts in Computer Science) Secrets of Making and Breaking Codes: A Hands-on Guide to Both Simple and Sophisticated Codes to Easily Help You Become a Codemaster Black & Decker Codes for Homeowners, Updated 3rd Edition: Electrical - Mechanical - Plumbing - Building - Current with 2015-2017 Codes (Black & Decker Complete Guide) Structure and Interpretation of Computer Programs - 2nd Edition (MIT Electrical Engineering and Computer Science) Illustrated Turbo Prolog/2.0 (Computer Program Language) Python: Python Programming For Beginners - The Comprehensive Guide To Python Programming: Computer Programming, Computer Language, Computer Science Python: Python Programming For Beginners - The Comprehensive Guide To Python Programming: Computer Programming, Computer Language, Computer Science (Machine Language) Entity-Relationship Approach - ER '94. Business Modelling and Re-Engineering: 13th International Conference on the Entity-Relationship Approach, ... (Lecture Notes in Computer Science) Database and Expert Systems Applications: 13th International Conference, DEXA 2002, Aix-en-Provence, France, September 2-6, 2002. Proceedings (Lecture Notes in Computer Science) Eurocode '90: International Symposium on Coding Theory and Applications : Proceedings (Lecture Notes in Computer Science) A PROLOG Database System (Electronic & Electrical Engineering Research Studies. Computer Engineering Series ; 3) Numerical Optimization (Springer Series in Operations Research and Financial Engineering) Cambridge International AS and A Level Computer Science Coursebook (Cambridge International Examinations) Error-Control Coding for Computer Systems (Prentice Hall series in computer engineering)

[Dmca](#)