

# Error Control Coding

Second Edition



Shu Lin  
Daniel J. Costello, Jr.



# Error Control Coding Solution Manual Shu Lin

**L Cohen**



## **Error Control Coding Solution Manual Shu Lin:**

Fundamentals of Classical and Modern Error-Correcting Codes Shu Lin, Juane Li, 2021-12-09 An accessible textbook that uses step by step explanations relatively easy mathematics and numerous examples to aid student understanding *Error Control Coding* Shu Lin, Daniel J. Costello, 1983 Completely updated to cover latest developments this text provides a bridge between introductory courses in digital communications and more advanced courses in information technology It presents state of the art control techniques **Scientific and Technical Aerospace Reports** ,1991 *Computer Books and Serials in Print* ,1984 **Monthly Catalog of United States Government Publications** ,1990 *Monthly Catalogue, United States Public Documents* ,1990 *British Books in Print* ,1985 Japanese Technical Abstracts ,1987 Books in Series ,1979 **Scientific and Technical Books in Print** ,1972 **Scientific and Technical Books and Serials in Print** ,1984 *Books in Print Supplement* ,2002 **Index to IEEE Periodicals** Institute of Electrical and Electronics Engineers, 1972 **Forthcoming Books** Rose Arny, 1983 *International Aerospace Abstracts* ,1971 *Books in Print* ,1979 **Fundamentals of Classical and Modern Error-Correcting Codes** Shu Lin, Juane Li, 2021-12-09 Using easy to follow mathematics this textbook provides comprehensive coverage of block codes and techniques for reliable communications and data storage It covers major code designs and constructions from geometric algebraic and graph theoretic points of view decoding algorithms error control additive white Gaussian noise AWGN and erasure and dataless recovery It simplifies a highly mathematical subject to a level that can be understood and applied with a minimum background in mathematics provides step by step explanation of all covered topics both fundamental and advanced and includes plenty of practical illustrative examples to assist understanding Numerous homework problems are included to strengthen student comprehension of new and abstract concepts and a solutions manual is available online for instructors Modern developments including polar codes are also covered An essential textbook for senior undergraduates and graduates taking introductory coding courses students taking advanced full year graduate coding courses and professionals working on coding for communications and data storage **The Publishers' Trade List Annual** ,1985 **American Doctoral Dissertations** ,1995 **Codes with Multi-level Error-correction Capabilities** Shu Lin, Mao-Chao Lin, 1987

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