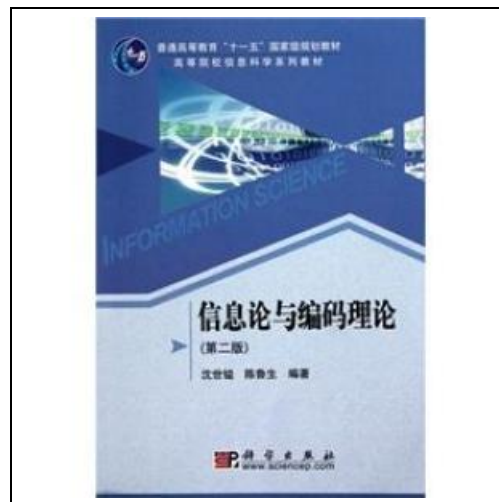# Information Theory and Coding Theory (2nd edition universities teaching Information Science Series)

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Reviews

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INFORMATION THEORY AND CODING THEORY (2ND EDITION UNIVERSITIES TEACHING INFORMATION SCIENCE SERIES)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Pages Number: 239 Publisher: Science Pub. Date :2010-10-01 version 2. This book introduces the basic information theory and coding theory content. which is characterized by brief. readable. and both have a more rigorous mathematical description and derivation. and note the information theory and practical background. many of the typical problems in communication engineering in practical application. The book is divided into 12 chapters. The main contents include: a measure of information. source coding. channel coding theorem. coding theory used in the basic knowledge of abstract algebra. coding theory's basic concepts and fundamental issues. linear codes. Hamming codes. cyclic codes. BCH codes. Reed -Solomon codes. Golay codes. Reed-Muller codes. the remaining square yards. Goppa codes and application of information theory and coding theory. End of each chapter the book are accompanied by exercises. some of which exercise is the body content to add. This book can be used as colleges and universities information science. computer science. communications professional. and related professional undergraduate teaching. but also for related fields. graduate students. teaching and research staff. as well as engineering and technical officers. Contents: Chapter 1 Introduction 1.1 Overview of information theory. information theory in the early brewing 1.1.2Shannon 1.1.1 establishment and development of information theory. information theory 1.1.3 1.1.4 Recent developments in the field of information theory in the application of information technology. information theory and coding theory 1.2 1.2.1 The main measurement problem of information communication system 1.2.2 1.2.3 The basic model of information communication system in communication systems transfer process 1.2.4 1.2.5 statistical model of the probability of a sequence of communications systems book contents 1.3 Introduction and model literature on 1.3.1 Introduction 1.3.2 Introduction 1.3.3 for books and...

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