



Information Theory and correct wrong encoding

By SUN LI HUA CHEN RONG LING

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 222 Publisher: Electronic Industry Publishing House Pub. Date :2009-08. This book focuses on information theory and the basics of error correction coding and applications. divided into 10 chapters. including: information and information metric. discrete source and the source entropy. discrete channel and the channel capacity. source coding theorem and channel coding theorem. the average distortion measure and the information rate distortion function. the rate distortion coding theorem. algebra-based error-correcting codes. linear block codes. cyclic codes and convolutional codes. Contents: Chapter 1 the concept of information theory-based information 1.1 1.2 1.3 Source digital communication systems and mathematical models of discrete memoryless source 1.3.1 1.3.2 1.3.3 Discrete source waveform with memory 1.4-channel source and its mathematical model 1.4.1 1.4.2 discrete memoryless discrete channel without memory expansion channel Summary thinking questions and exercises a measure of the information in Chapter 2 the amount of information and mutual information 2.1 from 2.1.1 from 2.1.2 the amount of information and the amount of information from each condition 2.2 the amount of information and mutual information of discrete set of conditions. the average...



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