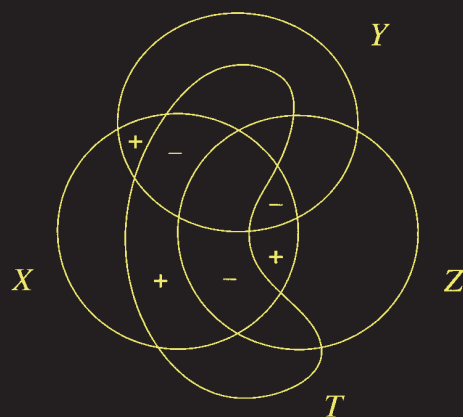


Yeung

Information Technology: Transmission, Processing, and Storage

*A First
Course in
Information
Theory*



Raymond W. Yeung



A First Course in Information Theory

Information Technology: Transmission, Processing, and Storage
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A First Course in Information Theory is an up-to-date introduction to information theory. In addition to the classical topics discussed, it provides the first comprehensive treatment of the theory of I-Measure, network coding theory, Shannon and Non-Shannon type information inequalities, and a relation between entropy and group theory. ITIP, a software package for proving information inequalities, is also included. With a large number of examples, illustrations, and original problems, this book is excellent as a textbook or reference book for a senior or graduate level course on the subject, as well as a reference for researchers in related fields.

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