



## Coding Theory: A First Course

By San Ling, Chaoping Xing

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Concerned with successfully transmitting data through a noisy channel, coding theory can be applied to electronic engineering and communications. Based on the authors' extensive teaching experience, this text provides a completely modern and accessible course on the subject. It includes sections on linear programming and decoding methods essential for contemporary mathematics. Numerous examples and exercises make the volume ideal for students and instructors.

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"This book is well written and highly recommended for students and professionals in engineering, computer science, mathematics and related fields." Mathematical Reviews

#### **About the Author**

Chaoping Xing is Full Professor in the Department of Physical and Mathematical Sciences at Nanyang Technological University, Singapore.

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