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# Introduction to Computer Data Representation

## About the ebook

The book covers the representation of both integer and floating point numbers, and characters or text. It comprehensively explains the main techniques of computer arithmetic and logical manipulation. The book also features

### Contents

- ▶ Numbers and Computers
- ▶ Binary and Other Representations
- ▶ Signed, and Other, Representations
- ▶ Basic Arithmetic and Logic
- ▶ Computer Arithmetic
- ▶ Floating-Point Representations
- ▶ Logarithmic Representations
- ▶ Characters and Text
- ▶ Universal (Variable Length) Codes
- ▶ Checksums and Error Control

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