

# Mathematics for Computation Theory

## Bibliography

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### Part A:

**Bernard Kolman, Robert C Busby and Sharon C Ross**

Discrete Mathematical Structures for Computer Science

(Prentice-Hall, 4<sup>th</sup> edition 2000)

ISBN: 0-13-083143-3

**H F Mattson Jr.**

ISBN: 0-471-60672-3

Discrete Mathematics with Applications

(John Wiley, 1993)

### Part B:

**J E Hopcroft, Rajeev Motwani and J D Ullman**

Introduction to Automata Theory, Languages and Computation

(Addison-Wesley, 2<sup>nd</sup> edition 2001)

ISBN: 0-201-44124-1

**T A Sudkamp** Languages and Machines:

An Introduction to the Theory of Computer Science

(Addison-Wesley, 2<sup>nd</sup> edition 1997)

ISBN: 0-201-82136-2

**J E Hopcroft and J D Ullman**

The Design and Analysis of Computer Algorithms

(Addison-Wesley, 1974)

ISBN: 0-201-00029-6

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### Closely related to parts of the course but out of print:

**J H Conway**

Regular Algebra and Finite Machines (Chapman & Hall, 1971)

**Harold S Stone**

Discrete Mathematical Structures and their Applications (SRA, 1973)

**D F Stanat and D F McAllister**

Discrete Mathematics in Computer Science (Prentice-Hall, 1977)

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