More Elementary Mathematics Books

There is a good series by L Bostock and S Chandler, now twelve books in all I think, that cover A-level mathematics. These include:

- Applied Mathematics I & II,
- Pure Mathematics I & II,
- Further Pure Mathematics (with C Rorke),
- Modular Mathematics: Module A, PM1,
- " Module B, PM2,
- " Module E, Mechanics 1
- Mathematics. Mexchanics and Probability
- Further Mechanics and Probability,
- Mathematics The Core Course for A Level,
- Core Mathematics for A-level.

Several of these appear to overlap and some may be new versions of older books. The best for the present purposes with an emphasis on pure mathematics seem to be:

- Pure Mathematics Vol I, ISBN 0-8590-092-6,
- Pure Mathematics Vol II, ISBN 0-86-950-097-7,
- Core Mathematics for A-level, ISBN 0-7487-1779-X,

though one of the others may also be needed to get full coverage of, for example, probability. All the above are published by Stanley Thornes (Publishers) Ltd.

Other books I have noticed, but haven't myself read, that might be of interest include:

- B C Erricker, "Elementary Statistics," Hodder & Stoughton,
- J Crawshaw and J Chambers, "A Concise Course in A-level Statistics (2nd Edition),"Stanley Thornes.

In addition, for the kind of discrete mathematics usually regarded as more directly applicable to computing there is:

- AEB Mathematics for AS and A Level. Discrete Mathematics,
- L. Goldschlager and A. Lister 1988 "Computer Science: A modern introduction" 2nd edition. Prentice Hall International series in computer science. ISBN: 0-13-165945-6
- D. F. Stanat and D. F. McAllister 1977 "Discrete mathematics in computer science" Prentice Hall, ISBN: 0-13-216150-8
- D. Harel 1992 "Algorithmics: the spirit of computing" 2nd edition, Addison-Wesley, ISBN: 0-201-50401-4
- J Cooke and H Bez, "Discrete Mathematics".
- Susanna Epp, "Discrete Mathematics with Applications," Wadsworth
- James Bradley, "Introduction to Discrete Mathematics," Addison-Wesley

Many of these have been recommended by colleagues, although I haven't looked at them myself.

Bernard Buxton, June 2002.