Combinatorics and Discrete Mathematics

Combinatorics is a branch of mathematics concerning the study of finite or countable discrete structures. Aspects of combinatorics include counting the structures of a given kind and size, deciding when certain criteria can be met, and constructing and analyzing objects meeting the criteria, finding "largest", "smallest", or "optimal" objects, and studying combinatorial structures arising in an algebraic context, or applying algebraic techniques to combinatorial problems.

- Book: Combinatorics and Graph Theory (Guichard)
- Book: Combinatorics Through Guided Discovery (Bogart)
Book: A Spiral Workbook for Discrete Mathematics (Kwong)

• Book: Discrete Mathematics (Levin)

• Book: Elementary Number Theory (Rajić)

• Book: An Introduction to the Theory of Numbers (Moser)
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