

### Fundamentals Of Discrete Mathematics

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*Discrete Mathematics - Journal - Elsevier*  
 Preface Preface to the First Edition 1. Discrete Structures and Set Theory 2. Induction, Recursion and Recurrences 3. Combinatorics 4. Discrete Probability 5. Mathematical Logic 6. Logical Inferencing 7. Predicate Logic 8. Graph Theory 9. Relations 10. Transitive Closure and Warshall's Algorithm 11. Equivalence and Partial Ordering Relations 12. Trees 13.