

## Combinatorics and Graph Theory

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**Chapter 1:** Combinatorics. **Chapter 2:** Graph Theory. **Chapter 3:** Trees. **Chapter 4:** Planar Graph. **Chapter 5:** Matrix Representation of Graphs. **Chapter 6:** Colorings. **Chapter 7:** Directed Graph. **Chapter 8:** Enumeration.



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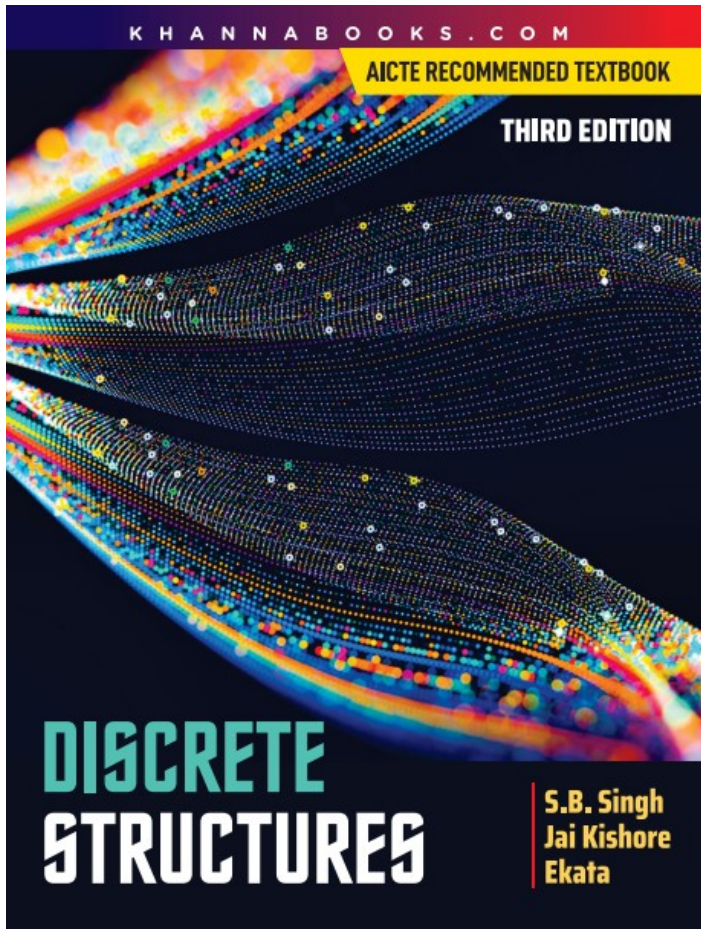
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## Discrete Structures

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## Table of Contents

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**Chapter 1:** Combinatorics. **Chapter 2:** Set Theory. **Chapter 3:** Relations. **Chapter 4:** Functions. **Chapter 5:** Groups. **Chapter 6:** Rings & Fields. **Chapter 7:** Logic. **Chapter 8:** Lattices. **Chapter 9:** Boolean Algebra. **Chapter 10:** Graph Theory. **Chapter 11:** Automata. **Appendix Bibliography Index**

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