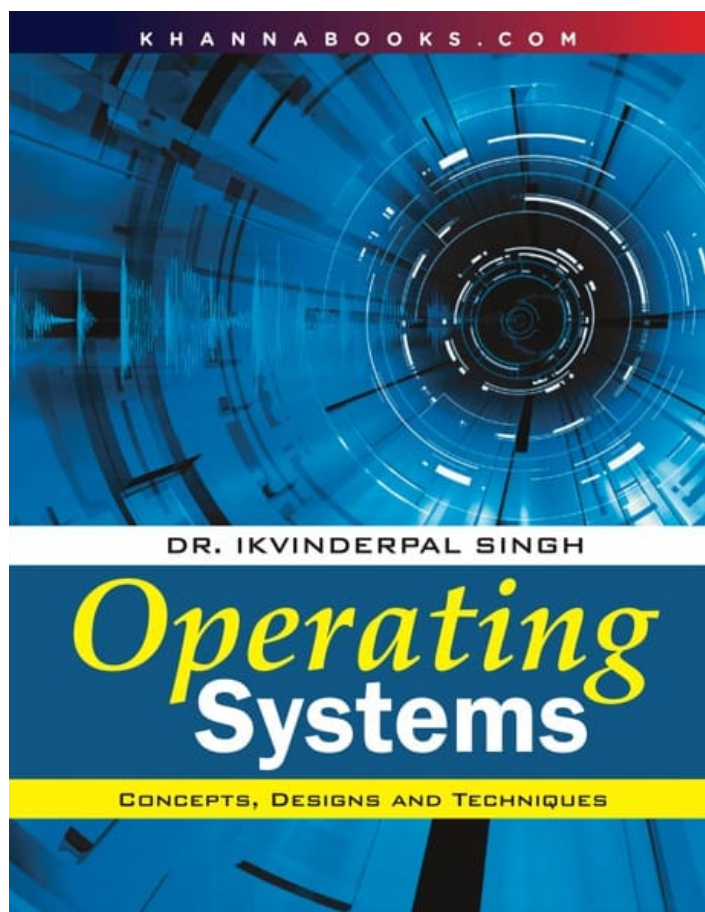




Operating Systems

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Product Description

Fundamental concepts are introduced in simple terms, Numerous examples are included to illustrate concepts and techniques. The sequence of topics is well planned to provide a seamless transition from design to implementation. With each chapter, the continuity of topics is excellent. The figures appropriately enhance and amplify the topics. Case studies are organized in a lucid manner. The exercises can be found at the end each chapter. Other sections are devoted to advanced topics, e.g. deadlock characterization, process synchronization and scheduling in multiprocessor systems, file sharing semantics, file system reliability and capabilities.

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Chapter 1: Overview. **Chapter 2:** Computer System Structures. **Chapter 3:** Operating System Structures. **Chapter 4:** Process and Threads. **Chapter 5:** Process Scheduling. **Chapter 6:** Process Synchronization. **Chapter 7:** Deadlocks. **Chapter 8:** Memory Management. **Chapter 9:** Virtual Memory. **Chapter 10:** Input/Output and Device Management. **Chapter 11:** Disk Management. **Chapter 12:** File Management. **Chapter 13:** Protection And Security. **Chapter 14:** Distributed Systems. **Chapter 15:** Case Studies Of Unix And Windows NT.

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