

Advanced Operating Systems

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- Distributed Operating Systems
 - Process & Thread
 - Synchronization (Physical/Logical)
 - Mutual Exclusion
 - Deadlock Management
 - Distributed File System
- Related Subjects
 - Real Time Systems
 - Security/Protection
 - Performance Evaluation/Benchmark
 - Virtualization
 - Disk Space Management
 - File Systems (FAT/NTFS/UFS/...)
 - Cache Memory Management

Texts

- Operating System Concepts , A. Silberschatz, A., P. B. Galvin, and G. Gagne, 9th Edition, Addison-Wesley.
- Distributed-Systems, A.S, Tanenbaum, Prentice Hall Inc.