Operation System

- Modern Operating Systems, Andrew S. Tanenbaum
- Operating Systems: Internals and Design Principles, William Stallings

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Data Communications and Networking

- Data Communications and Networking, Behrouz A. Forouzan

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Distributed System

- Designing Distributed Systems: Patterns and Paradigms for Scalable, Reliable Services, Brendan Burns

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Parallel Computing

- Algorithms and Parallel Computing, Fayez Gebali

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Discrete Mathematics

- Mathematical Structure for Computer Science: A Modern Approach to Discrete Mathematics, Judith L. Gersting

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- Introduction to the Theory of Computation, Michael Sipser

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