



African University of Science and Technology

Distributed and Wireless Systems

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Outline

Chapter 1: Introduction to Distributed Systems

Chapter 2: Time, clocks and ordering of events

Chapter 3: Global State

Chapter 4: Termination detection

Chapter 5: Distributed Mutual exclusion algorithms

Chapter 6: Deadlocks

Chapter 7: Fault tolerance

Chapter 8: Election algorithms and distributed processing

Chapter 9: Group communication

Chapter 10: Scheduling in Distributed systems

Chapter 11: Introduction to Wireless systems

Chapter 12: Introduction to Ad Hoc Networks

Chapter 13: Wireless Sensor Networks and Applications

Bibliography

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