



**African University of Science and Technology**

## Distributed and Wireless Systems

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# Outline

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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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