

Table of Contents

Chapter	Page Number
1 Introduction	1
2 Preliminary Concepts	12
3 Processes	21
4 Multi-threading	31
5 Scheduling Processes	36
6 Process Synchronization	52
7 Deadlocks	69
8 Memory Management	82
9 Virtual Memory	90
10 Input / Output Systems	101
11 File Systems	107
12 Secondary Storage	120
13 Security and Protections	126
14 Miscellaneous	129
15 End Matter	139