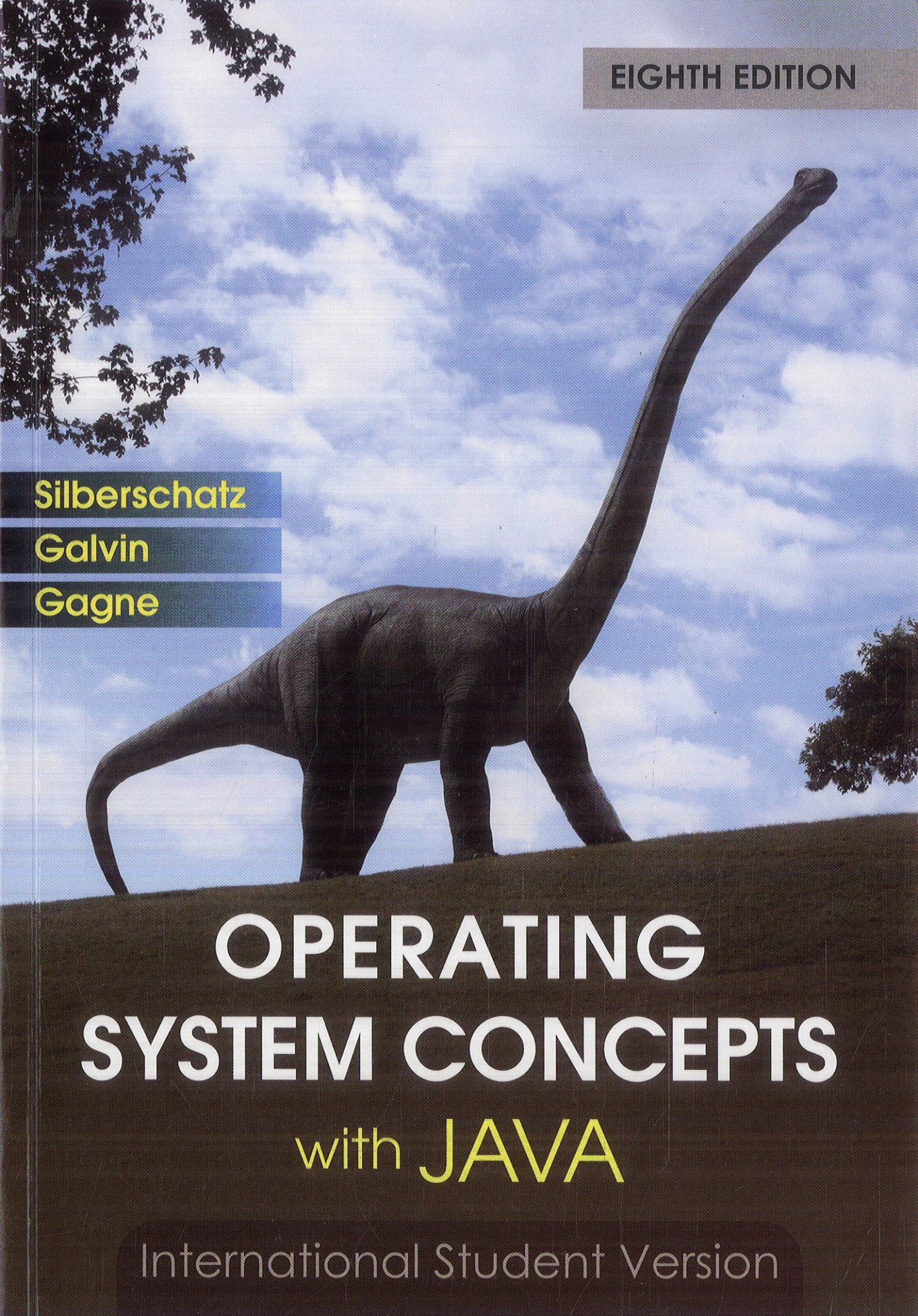
EIGHTH EDITION
Silberschatz
Galvin
Gagne
OPERATING
SYSTEM CONCEPTS
with JAVA
International Student Version

Contents

Chapter 4 Multithreaded Programming

Chapter 5 Process Scheduling

Chapter 6 Synchronization

Chapter 7 Deadlocks

PART THREE ■ MEMORY MANAGEMENT

Chapter 8 Memory-Management Strategies

Chapter 9 Virtual-Memory Management

PART FOUR ■ STORAGE MANAGEMENT

Chapter 10 File System

Chapter 11 Implementing File-Systems

Chapter 12 Secondary-Storage Structure

Chapter 13 I/O Systems

PART FIVE ■ PROTECTION AND SECURITY

Chapter 14 System Protection

Chapter 15 System Security

PART SIX ■ CASE STUDIES

Chapter 16 The Linux System

Chapter 17 Windows XP

Chapter 18 Influential Operating Systems

PART SEVEN ■ DISTRIBUTED SYSTEMS

Chapter 19 Distributed System Structures (On WileyPlus)

Chapter 20 Distributed File Systems (On WileyPlus)

Chapter 21 Distributed Coordination (On WileyPlus)

PART EIGHT ■ SPECIAL PURPOSE SYSTEMS

Chapter 22 Real-Time Systems (On WileyPlus)

Chapter 23 Multimedia Systems (On WileyPlus)

PART NINE ■ APPENDICES

Appendix A BSD UNIX (Online)

Appendix B The Mach System (Online)

Appendix C Windows 2000 (Online)

Appendix D Distributed Communication (Online)

Appendix E Java Primer (Online)

Bibliography 841

Credits 873

Index 875