



Operating Systems

Author: Ikvinderpal Singh

ISBN 13: 978-93-81068-72-4

ISBN 10: 93-81068-72-0

E-ISBN 13: 978-93-81068-72-4

Edition: 1

Pages: 680

Type of book: Paperback

Weight (g): 886.00

Year: 2013

Language: English

Publisher: Khanna

Price: Rs 270.00

Categories: Computer Science Engineering, Khanna

Publishing House

Condition

Type:

New

Country

Origin: India

Product Description

Fundamental concepts are introduced in simple terms, Numerous examples are included to illustrate concepts and techniques. The sequence of topics is well planned to provide a seamless transition from design to implementation. With each chapter, the continuity of topics is excellent. The figures appropriately enhance and amplify the topics. Case studies are organized in a lucid manner. The exercises can be found at the end each chapter. Other sections are devoted to advanced topics, e.g. deadlock characterization, process synchronization and scheduling in multiprocessor systems, file sharing semantics, file system reliability and capabilities.



Table of Contents

Chapter 1: Overview

Chapter 2: Computer System Structures

Chapter 3: Operating System Structures

Chapter 4: Process and Threads

Chapter 5: Process Scheduling

Chapter 6: Process Synchronization

Chapter 7: Deadlocks

Chapter 8: Memory Management

Chapter 9: Virtual Memory

Chapter 10: Input/Output and Device Management

Chapter 11: Disk Management

Chapter 12: File Management

Chapter 13: Protection And Security

Chapter 14: Distributed Systems

Chapter 15: Case Studies Of Unix And Windows NT

Author

Ikvinderpal Singh

Ikvinderpal Singh, is Lecturer of P.G. Deptt. Of Computer Science & Applications, Khalsa College, Amritsar which is a premier institute in North India. He obtained his MCA with distinction from Guru Nanak Dev University, Amritsar. He has always been excellence right from his student carrer. He has written five books. He brought name for himself when he topped the college in B.Sc. His other areas of interest include Fuzzy systems, digital electronics and java programming.

