

1. Record Nr.	UNINA9910151651403321
Autore	Stallings William
Titolo	Operating systems : internals and design principles // William Stallings
Pubbl/distr/stampa	Harlow, England ; ; Boston : , : Pearson Education, , [2012] ©2012
ISBN	1-4479-3014-2
Edizione	[Seventh edition, International edition /]
Descrizione fisica	1 online resource (788 pages) : illustrations
Disciplina	005.43
Soggetti	Operating systems (Computers)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover -- Operating Systems -- Contents -- Online Resources -- Preface -- About the Author -- Reader's and Instructor's Guide -- Outline of this Book -- Example Systems -- A Roadmap for Readers and Instructors -- Internet and Web Resources -- Part 1 Background -- Computer System Overview -- Basic Elements -- Evolution of the Microprocessor -- Instruction Execution -- Interrupts -- The Memory Hierarchy -- Cache Memory -- Direct Memory Access -- Multiprocessor and Multicore Organization -- Recommended Reading and Web Sites -- Key Terms, Review Questions, and Problems -- Appendix 1A Performance Characteristics of Two-level Memories -- Operating System Overview -- Operating System Objectives and Functions -- The Evolution of Operating Systems -- Major Achievements -- Developments Leading to Modern Operating Systems -- Virtual Machines -- OS Design Considerations for Multiprocessor and Multicore -- Microsoft Windows Overview -- Traditional UNIX Systems -- Modern UNIX Systems -- Linux -- Linux Vserver Virtual Machine Architecture -- Recommended Reading and Web Sites -- Key Terms, Review Questions, and Problems -- Part 2 Processes -- Process Description and Control -- What Is a Process? -- Process States -- Process Description -- Process Control -- Execution of the Operating System -- Security Issues -- UNIX SVR4 Process Management -- Summary -- Recommended Reading -- Key Terms, Review Questions, and Problems -- Threads -- Processes and Threads -- Types of Threads -- Multicore and Multithreading -- Windows 7 Thread and SMP

Management -- Solaris Thread and SMP Management -- Linux Process and Thread Management -- Mac OS X Grand Central Dispatch -- Summary -- Recommended Reading -- Key Terms, Review Questions, and Problems -- Concurrency: Mutual Exclusion and Synchronization -- Principles of Concurrency -- Mutual Exclusion: Hardware Support -- Semaphores.

Monitors -- Message Passing -- Readers/Writers Problem -- Summary -- Recommended Reading -- Key Terms, Review Questions, and Problems -- Concurrency: Deadlock and Starvation -- Principles of Deadlock -- Deadlock Prevention -- Deadlock Avoidance -- Deadlock Detection -- An Integrated Deadlock Strategy -- Dining Philosophers Problem -- UNIX Concurrency Mechanisms -- Linux Kernel Concurrency Mechanisms -- Solaris Thread Synchronization Primitives -- Windows 7 Concurrency Mechanisms -- Summary -- Recommended Reading -- Key Terms, Review Questions, and Problems -- Part 3 Memory -- Memory Management -- Memory Management Requirements -- Memory Partitioning -- Paging -- Segmentation -- Security Issues -- Summary -- Recommended Reading -- Key Terms, Review Questions, and Problems -- Appendix 7A Loading and Linking -- Virtual Memory -- Hardware and Control Structures -- Operating System Software -- UNIX and Solaris Memory Management -- Linux Memory Management -- Windows Memory Management -- Summary -- Recommended Reading and Web Sites -- Key Terms, Review Questions, and Problems -- Part 4 Scheduling -- Uniprocessor Scheduling -- Types of Processor Scheduling -- Scheduling Algorithms -- Traditional UNIX Scheduling -- Summary -- Recommended Reading -- Key Terms, Review Questions, and Problems -- Multiprocessor and Real-Time Scheduling -- Multiprocessor Scheduling -- Real-time Scheduling -- Linux Scheduling -- UNIX SVR4 Scheduling -- UNIX FreeBSD Scheduling -- Windows Scheduling -- Linux Virtual Machine Process Scheduling -- Summary -- Recommended Reading -- Key Terms, Review Questions, and Problems -- Part 5 Input/Output and Files -- I/O Management and Disk Scheduling -- I/O Devices -- Organization of the I/O Function -- Operating System Design Issues -- I/O Buffering -- Disk Scheduling -- RAID -- Disk Cache -- UNIX SVR4 I/O -- Linux I/O -- Windows I/O.

Summary -- Recommended Reading -- Key Terms, Review Questions, and Problems -- File Management -- Overview -- File Organization and Access -- B-Trees -- File Directories -- File Sharing -- Record Blocking -- Secondary Storage Management -- File System Security -- UNIX File Management -- Linux Virtual File System -- Windows File System -- Summary -- Recommended Reading -- Key Terms, Review Questions, and Problems -- Part 6 Embedded Systems -- Embedded Operating Systems -- Embedded Systems -- Characteristics of Embedded Operating Systems -- eCos -- TinyOS -- Recommended Reading and Web Sites -- Key Terms, Review Questions, and Problems -- Part 7 Computer Security -- Computer Security Threats -- Computer Security Concepts -- Threats, Attacks, and Assets -- Intruders -- Malicious Software Overview -- Viruses, Worms, and Bots -- Rootkits -- Recommended Reading and Web Sites -- Key Terms, Review Questions, and Problems -- Computer Security Techniques -- Authentication -- Access Control -- Intrusion Detection -- Malware Defense -- Dealing with Buffer Overflow Attacks -- Windows 7 Security -- Recommended Reading and Web Sites -- Key Terms, Review Questions, and Problems -- Part 8 Distributed Systems -- Distributed Processing, Client/Server, and Clusters -- Client/Server Computing -- Service-Oriented Architecture -- Distributed Message Passing -- Remote Procedure Calls -- Clusters -- Windows Cluster Server --

Beowulf and Linux Clusters -- Summary -- Recommended Reading and Web Sites -- Key Terms, Review Questions, and Problems -- Appendix A Topics in Concurrency -- Mutual Exclusion: Software Approaches -- Race Conditions and Semaphores -- A Barbershop Problem -- Problems -- Appendix B Programming and Operating System Projects -- OS/161 -- Simulations -- Programming Projects -- Research Projects -- Reading/Report Assignments -- Writing Assignments. Discussion Topics -- BACI -- Glossary -- References -- Index.

Sommario/riassunto

For introductory courses on operating systems. Operating Systems: Internals and Design Principles provides a comprehensive and unified introduction to operating systems topics. Stallings emphasizes both design issues and fundamental principles in contemporary systems and gives readers a solid understanding of the key structures and mechanisms of operating systems. He discusses design trade-offs and the practical decisions affecting design, performance and security. The book illustrates and reinforces design concepts and ties them to real-world design choices through the use of case studies in UNIX and Windows. Operating Systems: Internals and Design Principles, 6e received the 2009 Textbook Excellence Award from the Text and Academic Authors Association (TAA)!.

2. Record Nr.	UNINA9910784869203321
Titolo	Trade and protectionism [[electronic resource] /] / edited by Takatoshi Ito and Anne O. Krueger
Pubbl/distr/stampa	Chicago, : University of Chicago Press, 1993
ISBN	1-281-22363-8 9786611223632 0-226-38705-4
Descrizione fisica	1 online resource (462 p.)
Collana	NBER-East Asia seminar on economics ; ; v. 2
Altri autori (Persone)	ItoTakatoshi <1950-> KruegerAnne O
Disciplina	382/.73
Soggetti	Protectionism - East Asia East Asia Commercial policy Congresses East Asia Foreign economic relations United States Congresses United States Commercial policy Congresses United States Foreign economic relations East Asia Congresses
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Papers presented at the Second Annual East Asian Seminar on Economics ... held in Taipei, Taiwan, 19-21 June 1991"--Introd.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Front matter -- National Bureau of Economic Research -- Contents -- Introduction -- 1. Discrimination, Regionalism, and GATT -- 2. American Bilateral Trading Arrangements and East Asian Interests -- 3. Forward Pricing versus Fair Value: An Analytic Assessment of "Dumping" in DRAMS -- 4. Japan's Agricultural Policy and Protection Growth -- 5. The Growth of Agricultural Protection -- 6. Economic Growth and Trade Relations: Japanese Performance in Long-Term Perspective -- 7. Protectionist U. S. Trade Policy and Korean Exports -- 8. Access to the Japanese Market by Asian Countries: A Case Study of the Wool Textile Industry -- 9. Technology Transfer in the Asian Pacific Region: Implications of Trends since the Mid-1980s -- 10. Japanese Foreign Direct Investment and Its Effect on Foreign Trade in Asia -- 11. The Political Economy of U. S. -Taiwanese Trade and Other International Economic Relations -- 12. The Political Economy of Trade Protection in the Republic of China on Taiwan -- 13. The Political

Economy of Protection Structure in Korea -- 14. Government Policy and Strategic Industries: The Case of Taiwan -- 15. Export-Oriented Growth and Equity in Korea -- Contributors -- Author Index -- Subject Index

Sommario/riassunto

During the first three decades following the Second World War, an increasingly open international trading system led to unprecedented economic growth throughout the world. But in recent years, that openness has been threatened by increased protectionism, regional trading arrangements-Europe 1992 and the U.S.-Canada Free Trade Agreement-and setbacks in negotiations on the General Agreement on Tariffs and Trade. In Trade and Protectionism, American and East Asian scholars consider the dangers of this trend for the world economy and especially for East Asian countries. The authors look at the current global trading system and at the potential threats to East Asian economies from possible regional arrangements, such as separate trading blocks in the Western Hemisphere and Europe. They cover trade between the United States and Japan, Korea and Japan, and Japanese-East Asian trade policies; trade in agriculture and semiconductors and the frictions that have jeopardized this trade; and direct foreign investment. The contributors round out the work with discussions of the political economy of protection in Korea and Taiwan and political economy considerations as they affect trade policy in general. This is the second volume of the National Bureau of Economic Research-East Asia Seminar on Economics. The first volume, The Political Economy of Tax Reform, also edited by Takatoshi Ito and Anne O. Krueger, addresses tax reform in the global economy.

3. Record Nr.	UNINA9910778077203321
Titolo	Advances in library administration and organization . Vol. 26 [[electronic resource] /] / edited by Edward D. Garten ... [et al.]
Pubbl/distr/stampa	Bingley, UK, : JAI Press Amsterdam, : Elsevier, 2008
ISBN	1-280-77162-3 9786613682390 1-84950-528-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (381 p.)
Collana	Advances in library administration and organization, , 0732-0671
Altri autori (Persone)	GartenEdward D
Disciplina	025.1
Soggetti	Language Arts & Disciplines - Library & Information Science - General Library, archive & information management Library administration
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes indexes.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Transforming the rational perspective on skill development : the Dreyfus model in library reference work / Jennifer K. Sweeney -- Faculty status, tenure, and compensating wage differentials among members of the Association of Research Libraries / Deborah Lee -- The professional development of small community librarians in Texas : a qualitative study of the female experience / Belinda Boon -- Academic library directors in the eyes of hiring administrators : a comparison of the attributes, qualifications, and competencies desired by chief academic officers with those recommended by academic library directors / Gary Neil Fitsimmons -- Determining the reliability and validity of service quality scores in a public library context : a confirmatory approach / John Patrick Green -- Corporate culture and the individual in perspective / Charles B. Osburn -- Breaking out of sacred cow culture : the relationship of professional advice networks to receptivity to innovation in academic librarians / H. Frank Cervone.
Sommario/riassunto	This collection of essays is designed to challenge working administrators and researchers to look more closely at their operations and consider again how they develop people and the organizations in

which they work. It leads off with an article on skill development in reference service using a holistic approach to analyze reference in context. Then comes an article on the importance of organizational culture in defining service organizations in general and libraries in particular. It argues that when one considers libraries in this light, the importance of a strong ethical framework becomes evident in our institutions. The third article looks at advice networks, and addresses the importance that contacts within and outside of the library in which we work and within and outside of our profession play on individual's receptivity to innovation. The next three articles relate to personnel matters. The first discusses issues relating to the relationship between faculty status and tenure and salaries in academic libraries. This is followed by a piece that looks at the development of leaders for small, rural libraries, most of whom will not have formal training in librarianship. A third piece analyzes the criteria for selecting academic library directors that are considered important by those administrators who oversee this key leadership position. We then close with an article that looks at the validity of SERVQUAL as applied to a large public library system. LibQUAL+, an adaptation of SERVQUAL designed for use in academic libraries has become a staple in our literature for years, but there is little available that really turns a critical eye to the use of this important tool. This article will perhaps begin a healthy discussion about how this tool is applied in our libraries and how the results have been used in library operations. As always, this volume of *Advances* attempts to look at what it is we do as managers and to bring research and theory into our operations. It is designed to combine the practical and the theoretical in a way that will inform working managers and provide interesting questions for those engaged in research about library organizations.

4. Record Nr.	UNIORUON00036679
Autore	MERZBACHER, Gottfried
Titolo	Die Gebirgsgruppe Bogdo-Ola im ostlichen Tian-Shan / Gottfried Merzbacher
Pubbl/distr/stampa	Munchen, : Verlag der Bayerischen Akademie der Wissenschaften, 1916
Descrizione fisica	vii,330 p. tav. ; 29 cm
Classificazione	AC VIII A
Soggetti	MONGOLIA (TIAN-SHAN) - Geografia
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia