This collection of ideas and results on topics of curve and surface design is intended for research in the academic environment as well as for practical use in industrial applications. Main emphasis is on minimal energy splines and geometric spline curves, and on techniques beyond tensor product surfaces.

This book takes the vocal and visual modalities and human-robot interaction applications into account by considering three main aspects, namely, social and affective robotics, robot navigation, and risk event recognition. This book can be a very good starting point for the scientists who are about to start their research work in the field of human-robot interaction.

Recent growth in knowledge management concepts has played a vital role in the improvement of organizational performance. These knowledge management approaches have been influential in achieving the goal of efficient production of software development processes. Knowledge-Based Processes in Software Development focuses on the inherent issues to help practitioners in gaining understanding of software development processes. The best practices highlighted in this publication will be essential to software professionals working in the industry as well as students and researchers in the domain of software engineering in order to successfully employ knowledge management procedures.

Multimedia Communications

Learn how to Study

Expert SharePoint 2010 Practices

The Graduate Record Examinations, developed by Education Testing Service, are required for admission to graduate school. The GRE General Test measures critical thinking, analytical writing, verbal reasoning and quantitative reasoning skills, while the Subject Tests measure undergraduate achievement in various fields of study.

Discourse analytic approaches are central to translator training and translation analysis, but have been somewhat overlooked in recent translation studies. This volume sets out to rectify this marginalization. It considers the evolution of the use of discourse analysis in translation studies, presents current research from ten leading figures in the field and provides pointers for the future. Topics range from close textual analysis of cohesion, thematic structure and the interpersonal function to the effects of global English and the discourses of cyberspace. The inherent link between discourse and the construction of power is explored.

Prospects of Economic Growth

As Level Economics

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Economics can be a difficult subject for non-economists to grasp. This text provides an accessible explanation of the subject for those working in the shipping industry, and will also be of interest for those studying for the Institute of Chartered Shipbrokers qualification.

Information technology, which is exclusively designed to store, process, and transmits information, is known as Information Technology. Computers and Information Technology are an indispensable part of any organization. The first edition of "Advance concept of Information Technology" has been shaped according to the needs of current organizational and academic needs. This book not only for bachelor's degree and master's degree students but also for all those who want to strengthen their knowledge of computers. Furthermore, this book is full to capacity with expert guidance from high-flying IT professionals, in-depth analyses. It presents a detailed functioning of hardware components besides covering the software concepts in detail. An extensive delineate of computer architecture, data representation in the computer, operating systems, database management systems, programming languages, etc. have also been included marvelously in an array. One should use this book to acquire computer literacy in terms of how data is represented in a computer, how hardware devices are integrated to get the desired results, and how the computer works with software and hardware. Features and applications of Information Technology – Online Education

Private Sector Education in Pakistan

High Voltage Engineering has been written for the undergraduate students in electrical engineering of Indian and foreign universities as well as the practising engineers. It deals in mechanism of breakdown of insulating materials, generation and measurement of high A.C., D.C., impulse voltages and currents. High voltage testing of some of the electrical equipments e.g. insulators, cables, transformers as per standard specifications has been explained. Various methods of Non Destructive Testing which yield information regarding life expectancy and the long term stability or otherwise of the insulating materials have been discussed. The book takes a view of various types of transients in power system and suggests classical and more modern statistical methods of co-ordinating the insulation requirements of the system. A suitable number of problems have been solved to help understand the theory. At the end, a large number of multiple choice questions have been added to help the students to test themselves. A few photoplates have been added at suitable locations in the book to give a physical feel of various equipments in a well equipped high voltage laboratory.

Curve and Surface Design

本书全面介绍了电信交换与网络的基本内容。全书分为13章，内容涉及基础知识、史特鲁乔式交换系统、纵横制交换、电子空分交换、语音数码化和传输、时分交换等。

Wireless Networks Information Processing and Systems

Offering a comprehensive look at physical therapy science and practice, Guccione’s Geriatric Physical Therapy, 4th Edition is a perfect resource for both students and practitioners alike. Year after year, this text is recommended as the primary preparatory resource for the Geriatric Physical Therapy Specialization exam. And this new fourth edition only gets better. Content is thoroughly revised to keep you up to date on the latest geriatric physical therapy protocols and conditions. Five new chapters are added to this edition to help you learn how to better manage common orthopedic, cardiopulmonary, and neurologic conditions; become familiar with functional outcomes and assessments; and better understand the psychosocial aspects of aging. In all, you can rely on Guccione’s Geriatric Physical Therapy to help you effectively care for today’s aging patient population.

Comprehensive coverage of geriatric physical therapy prepares students and clinicians to provide thoughtful, evidence-based care for aging patients. Combination of foundational knowledge and clinically relevant information provides a meaningful background in how to effectively manage geriatric disorders. Updated information reflects the most recent and relevant information on the Geriatric Clinical Specialty Exam. Standard APTA terminology prepares students for terms they will hear in practice. Expert authorship ensures all information is authoritative, current, and clinically accurate. NEW! Thoroughly revised and updated content across all chapters keeps students up to date with the latest geriatric physical therapy protocols and conditions. NEW! References located at the end of each chapter point students toward credible external sources for further information. NEW! Treatment chapters guide students in managing common conditions in orthopedics, cardiopulmonary, and neurology. NEW! Chapter on functional outcomes and assessment lists relevant scores for the most frequently used tests. NEW! Chapter on psychosocial aspects of aging provides a well-rounded view of the social and mental conditions commonly affecting geriatric patients. NEW! Chapter on frailty covers a wide variety of interventions to optimize treatment. NEW! Enhanced eBook version is included with print purchase, allowing students to access all of the text, figures, and references from the book on a variety of devices.

Teaching and Researching: Reading

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The Novartis Foundation Series is a popular collection of the proceedings from Novartis Foundation Symposia, in which groups of leading scientists from a range of topics across biology, chemistry and medicine assembled to present papers and discuss results. The Novartis Foundation, originally known as the Ciba Foundation, is well known to scientists and clinicians around the world.

Modern telecommunication exchange and network

Teaching and Researching Reading was first written to help language professionals understand the complex nature of reading. Now in a thoroughly updated and improved second edition, the book expands connections from research on reading to instructional practices and teacher-initiated action research. Offering an updated overview of reading theory, it summarises key ideas and issues in first and second language contexts. In addition to providing insightful research analyses, Grabe and Stoller offer practical advice for practitioners and researchers, including evidence-based teaching ideas and a multi-step iterative process for conducting meaningful action research on reading-related topics. The volume outlines 29 projects for teacher adaptation and use, as well as numerous new or substantially expanded resource materials that can be used for both action research and classroom instruction. Learning aids featured throughout the volume include key concept boxes and a glossary of key terms quote boxes highlighting critical issues in the field resource lists of relevant journals, books and websites. Fully revised throughout, with a range of new exemplary L1 and L2 research studies and an entirely new chapter on the move from research implications to instructional applications, this second edition of Teaching and Researching Listening is an invaluable resource for teacher trainers, practicing teachers, materials writers and researchers alike.

High Voltage Engineering

Multicultural Instructional Design: Concepts, Methodologies, Tools, and Applications

A systematic program for the development of study skills includes advice on writing papers, reading textbooks, taking notes, and preparing for tests.

Information Technology in Business

Economics of Sea Transport and International Trade

AS Level Economics Topical Paper 1 & 2 CIE (9708) all variants. This book contains full length explanation of every case study and essay question and they are arranged topically. MCQS are also explained logically and complete working have been done for MCQS based on mathematics.

Knowledge-Based Processes in Software Development

AGU 2004 Joint Assembly

Post-laryngectomy rehabilitation has generated tremendous interest in recent times owing to the development of innovative prosthetic devices and other appliances aimed at making life more comfortable for the laryngectomee. This book addresses not only the very essential function of voice rehabilitation, but also other equally important aspects such as pulmonary, olfactory and psycho-social rehabilitation as well as quality-of-life issues after laryngectomy. With more and more ENT, head and neck surgeons performing laryngectomies on a regular basis, this book aims to provide both the trainees and practicing surgeons a comprehensive and practical guide to the total rehabilitation of these patients.

2018 21st Saudi Computer Society National Computer Conference (NCC)

Social Media National Security Computer Application Biometrics & E Government

Today's business is technology-driven. Information technology plays a key role in today's business environment. A great number of businesses, small and large, rely on computers and software to provide accurate information for effective management of their business and to perform successfully. Readers will learn how to use information technology in work environment. They will learn how to use common business software such as word processing, spreadsheet, database, presentation, and Web browser software, and learn the current issues related to the impact of information technology on businesses. This
Read Free Bahria University Entry Test Sample Paper

The book is structured to cover the essential areas of ethical hacking and penetration testing in a comprehensive manner. It aims to provide a foundational understanding of offensive security. After completing the book, you will be equipped to tackle in-depth and advanced topics in hacking and penetration testing. The book takes you through each step, explaining tools, methodologies, and principles.

The topics described in this book comply with international standards and what is being taught in international certifications. It details a four-step methodology for conducting an effective penetration test or hack. Providing an accessible introduction to penetration testing and hacking, the book supplies you with a fundamental understanding of the tools, methodologies, and principles involved.

Linux, Google reconnaissance, MetaGooFil, dig, Nmap, Nessus, Metasploit, Fast Track Autopwn, Netcat, and Hacker Defender rootkit. Supplying a simple and clean explanation of how to effectively utilize these tools, it helps you understand how the output from each tool can be fully utilized in the subsequent phases of the penetration test. This process will allow you to clearly see how the various tools and phases relate to each other. An ideal resource for those who want to learn about ethical hacking but don't know where to start, this book will help take your hacking skills to the next level.

You will learn how to properly utilize and interpret the results of modern-day hacking tools, which are required to complete a penetration test. The book covers a wide range of tools, including Backtrack Linux, and tools for reconnaissance and exploitation.

The book is ideally designed for educators, professionals, school administrators, researchers, and practitioners in the field of education. It provides pre-service and in-service teachers, college faculty, and staff with a formal survey of this new and growing educational paradigm. Online education or instruction—any form of learning/teaching via a computer network, i.e. Internet, WWW, or LAN—is rapidly becoming a major mode of educational delivery used by schools, colleges, and corporations. ONLINE EDUCATION is a comprehensive introduction to and overview of learning and teaching in "cyberspace." Kearsley, an author of Wadsworth's DISTANCE EDUCATION: A SYSTEMS VIEW, provides an introduction to a new and growing educational paradigm.
FinTech, an abbreviated term for financial technology, is a digital revolution changing the way banking and financial services are being used both by individuals and businesses. As these changes continue to take place, the financial industry is focused on technological innovation and feeding into this digital revolution to better serve consumers who are looking for easier ways to invest, transfer money, use banking services, and more. FinTech is increasing accessibility to financial services, automating these services, expanding financial options, and enabling online payments and banking. While the benefits are being continually seen and this technology is becoming more widely accepted, there are still challenges facing the technology that include security concerns. To understand FinTech and its role in society, both the benefits and challenges must be reviewed and discussed for a holistic view on the digital innovations changing the face of the financial industry. The Research Anthology on Concepts, Applications, and Challenges of FinTech covers the latest technologies in FinTech with a comprehensive view of the impact on the industry, where these technologies are implemented, how they are improving financial services, and the security applications and challenges being faced. The chapters cover the options FinTech has unlocked, such as mobile banking and virtual transactions, while also focusing on the workings of the technology itself and security applications, such as blockchain and cryptocurrency. This book is a valuable reference tool for accountants, bankers, financial planners, financial analysts, business managers, economists, computer scientists, academicians, researchers, financial professionals, and students.

Guccione's Geriatric Physical Therapy E-Book

The aim of this book is to explain in clear terms some of the main methodological approaches in legal research. This is an edited collection, with each chapter written by specialists in their field, researching in a variety of jurisdictions. Each contributor addresses the topic of "lay decision makers in the legal system" from one particular methodological perspective, explaining how they would approach the issue and discussing why their particular method might, or might not, be suited to this topic. In asking all contributors to focus on the same topic, the editors have sought to provide a common link throughout the text, thereby providing the reader with an opportunity to draw comparisons between methods with relative ease. In light of the broad geographical range of its contributors, the book is aimed at an international readership. This book will be of particular interest to PhD students in law, but it will also be of use to undergraduate dissertation students in law, LL.M Research students as well as prospective PhD students and early year researchers.

Dates (2020)

Multimedia Communications is at the core of the advanced interactive services that make up today's Information Society. Videoconferencing, teleworking, teleshopping and video-on-demand will benefit from developments in broadband and mobile telecommunication systems, intelligent multimedia terminals and digital signal processing. The latest research findings from these fields are presented here in the proceedings of the 10th Tyrrhenian Workshop on Digital Communications, held in Ischia, Italy, September 1998. Focus is placed on the following four areas: Signal Processing for Multimedia Communications. Modeling, Analysis and Simulation of Multimedia Traffic Sources. Access Techniques. Multimode Multimedia Terminals. In particular, multimedia services and applications are presented. This comprehensive collection of papers will enable the reader to keep pace with the rapid changes that are taking place in this field. Experts have co-operated with top research centers worldwide, on an academic and industrial level, to make this an up-to-date reference volume for all those who are concerned with technological advances in Multimedia Distributed Systems.

Biochemistry, Cell and Molecular Biology

The international multi-topic conference IMTIC 2008 was held in Pakistan during April 11–12, 2008. It was a joint venture between Mehran University, Jamshoro, Sindh and Aalborg University, Esbjerg, Denmark. Apart from the two-day main event, two workshops were also held: the Workshop on Creating Social Semantic Web 2.0 Information Spaces and the Workshop on Wireless Sensor Networks. Two hundred participants registered for the main conference from 24 countries and 43 papers were presented; the two workshops had overwhelming support and over 400 delegates registered. IMTIC 2008 served as a platform for international scientists and the engineering community in general, and in particular for local scientists and the engineering community to share and cooperate in various fields of interest. The topics presented had a reasonable balance between theory and practice in multidisciplinary topics. The conference also had excellent topics covered by the keynote speeches keeping in view the local requirements, which served as a stimulus for students as well as experienced participants. The Program Committee and various other committees were experts in their areas and each paper went through a double-blind peer review process. The conference received 135 submissions of which only 46 papers were selected for presentation: an acceptance rate of 34%.