Unit Name Core Concepts Part 1 The Tools Of Geographypearson

The first edition of Food Processing Technology was quickly adopted as the standard text by many food science and technology courses. While keeping with the practice of covering the wide range of food processing techniques, this new edition has been substantially expanded to take account of the advances in technology that have taken place since the publication of the first edition. The Second Edition includes new chapters on computer control of processing, novel 'minimal' technologies, and Ohmic heating, and an extended chapter on modified atmosphere packaging. It is a comprehensive - yet basic - text that offers an overview of most unit operations, while at the same time providing details of the processing equipment, operating conditions and the effects of processing on the biochemistry of foods. The book is divided into five parts, in which unit operations are grouped according to the nature of the heat transfer that takes place. Each chapter describes the formulae required for calculation of processing parameters, sample problems, and the effects on sensory characteristics and nutritional properties of selected foods. By combining food processing theory and calculations with descriptions of commercial practice and results of scientific studies, Food Processing Technology: Principles and Practice, Second Edition helps readers make attractive saleable products and extend the shelf-life of foods.

In Core Concepts in Contemporary Psychoanalysis, alongside its companion piece Core Concepts in Classical Psychoanalysis, Morris N. Eagle asks: of the core concepts and formulations of psychoanalytic theory, which ones should be retained, which should be modified and in what ways, and which should be discarded? The key concepts and issues explored in this book include: Are transference interpretations necessary for positive therapeutic outcomes? Are the analyst's countertransference reactions a reliable guide to the patient's unconscious mental states? Is projective identification a coherent concept? Psychoanalytic styles of thinking and writing. Unlike other previous discussions of such concepts, this book systematically evaluates them in the light of conceptual critique as well as recent research-based evidence and empirical data. Written with Eagle's piercing clarity of voice, Core Concepts in Contemporary Psychoanalysis challenges previously unquestioned psychoanalytic assumptions and will appeal to psychoanalysts, psychoanalytic psychotherapists, and anyone interested in integrating core psychoanalytic concepts, research, and theory with other disciplines including psychiatry, psychology, and social work.

The authors are proud sponsors of the 2020 SAGE Keith Roberts Teaching Innovations Award—enabling graduate students and early career faculty to attend the annual ASA pre-conference teaching and learning workshop. Discover Sociology: Core Concepts explores sociology as a discipline of curious minds, with the theoretical, conceptual, and empirical tools needed to understand, analyze, and even change the world. It is adapted from Discover Sociology, Fourth Edition and offers in-depth coverage of 12 high-priority topics that are at the core of almost all introductory sociology courses. The Second Edition of Core Concepts maintains its reader-friendly narrative and the hallmark themes of the parent book, including the unequal distribution of power in society ("Inequality Matters"), the sociological imagination ("Private Lives, Public Issues"), career skills ("What Can I Do With a Sociology Degree?") and civil discourse ("Discover and Debate"). In response to reader's requests, this edition features expanded coverage of issues such as intersectionality, popular culture, and changes in the contemporary population of college students in the U.S. Additionally, updated social indicators bring in the latest data available from the U.S. Census Bureau, the Bureau of Labor Statistics, the Centers for Disease Control and Prevention, and the Pew Research Center, among others, to ensure that discussions and figures remain timely. This title is accompanied by a complete teaching and learning package. Contact your SAGE representative to request a demo. Digital Option / Courseware SAGE Vantage is an intuitive digital platform that delivers this text's content and course materials in a learning experience that offers auto-graded assignments and interactive multimedia tools, all carefully designed to ignite student engagement and drive critical thinking. Built with you and your students in mind, it offers simple course set-up and enables students to better prepare for class. Learn more. Assignable Video with Assessment Assignable video (available with SAGE Vantage) is tied to learning objectives and curated exclusively for this text to bring concepts to life. Watch a sample video now. LMS Cartridge (formerly known as SAGE Coursepacks): Import this title's instructor resources into your school's learning management system (LMS) and save time. Don't use an LMS? You can still access all of the same online resources for this title via the password-protected Instructor Resource Site. Learn more. SAGE Lecture Spark: Designed to save you time and ignite student engagement, these free weekly lecture launchers focus on current event topics tied to key concepts in Sociology. Access this week's topic.

Schlagworte: e-learning, landscape architecture, education, pedagogic

Ramp up your software development with this comprehensive resource Microsoft's Application Lifecycle Management (ALM) makes software development easier and now features support for iOS, MacOS, Android, and Java development. If you are an application developer, some of the important factors you undoubtedly consider in selecting development frameworks and tools include agility, seamless collaboration capabilities, flexibility, and ease of use. Microsoft's ALM suite of productivity tools includes new functionality and extensibility that are sure to grab your attention. Professional Application Lifecycle Management with Visual Studio 2013 provides in-depth coverage of these new capabilities. Authors Mickey Gousset, Martin Hinshelwood, Brian A. Randell, Brian Keller, and Martin Woodward are Visual Studio and ALM experts, and their hands-on approach makes adopting new ALM functionality easy. Streamline software design and deployment with Microsoft tools and methodologies Gain a practical overview of ALM with step-by-step guides and reference material Case studies illustrate specific functionality and provide in-depth instruction Use new capabilities to support iOS, MacOS, Android and Java development Discover this comprehensive solution for modeling, designing, and coordinating enterprise software deployments Over 100 pages of new content, forward-compatible with new product releases Professional Application Lifecycle Management with Visual Studio 2013 provides a complete framework for using ALM to streamline software design and deployment processes using well-developed Microsoft tools and methodologies. Professional Application Lifecycle Management with Visual Studio 2013 is your guide to make use of newly-available ALM features to take your enterprise software development to the next level.

Based on the work of the terminology project group of the European Network of Occupational Therapy in Higher Education (ENOTHE), this book selects and defines the core building blocks of occupational therapy theory. Consensus definitions of a wide range of terms are developed through an analysis of published definitions from around the world.

Get a concise, hands-on, and applied approach to project management with the new edition of Core Concepts. The authors take a computer program orientation, focusing on doing Project Management. They organize the book around the project management life cycle, provide you with essential project management concepts, and tie them into the Project Management Body of Knowledge (Project Management Institute runs the PMBOK certification program). This edition includes revised discussion of the integration of parent organization's strategies into project selection and management; and greatly expanded coverage of risk management and assessment in the project management process.

Exploring Biology in the Laboratory: Core Concepts is a comprehensive manual appropriate for introductory biology lab courses. This edition is designed for courses populated by nonmajors or for majors courses where abbreviated coverage is desired. Based on the two-semester version of Exploring Biology in the Laboratory, 3e, this Core Concepts edition features a streamlined set of clearly written activities with abbreviated coverage of the biodiversity of life. These exercises emphasize the unity of all living things and the evolutionary forces that have resulted in, and continue to act on, the diversity that we see

around us today.

Correlating with NATA Standards, SPORTS MEDICINE ESSENTIALS: CORE CONCEPTS IN ATHLETIC TRAINING & FITNESS INSTRUCTION, 3rd Edition introduces essential skills in Sports Medicine, along with its growing number of career choices. Key topics address fitness assessment, conditioning, emergency preparedness, injury management, therapeutic modalities, nutrition, ethical and legal considerations, and much more. Students will explore careers in fitness instruction, athletic training, exercise physiology, sports management, and even physical therapy, while practicing important, job-related skills. More than a text, this unique hands-on learning tool asks students to perform essential skills, such as taping injuries, researching sports medicine supplies and their costs, and even forming a mock safety committee to mitigate injury risks to athletes. SPORTS MEDICINE ESSENTIALS: CORE CONCEPTS IN ATHLETIC TRAINING & FITNESS INSTRUCTION, 3rd Edition gives students VIP access to the fast-paced world of Sports Medicine in both print and interactive eBook formats. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Welcome to the proceedings of the 6th IEEE International Conference on Mobile Agents. MA 2002 took place in Barcelona, Spain and was co-located with the 4th International Workshop on Mobile Agents for Telecommunications Applications. Both events were held at the Universitat Pompeu Fabra, October 22–25, 2002. Mobile agents may be de?ned as programs that, with varying degree of - tonomy, can move between hosts across a network. Mobile agents combine the notions of mobile code, mobile computation, and mobile state. Capabilities of mobile agents include: – Supporting unrealiable networks and disconnected operation – Counteracting low-bandwidth, high-latency communication links – Deploying newbehaviour (through mobile code) and recon?guring systems on-the-?y – Distributing processing load across systems – Improving survivability in the face of network and system failure. Given the above capabilities, mobile agents (while they may not be referred to as such) are nowbecoming accepted as a fundamental architectural construct for the design and development of complex adaptive systems that need to operate in highly dynamic environments. Mobile agents also support applications in several domains such as ubiquitous computing, grid computing, remote sensing, data mining, system management, and agile computing.

Recent advances in technology such as cloud computing, recent industry standards such as RFID, bibliographic standards like RDA and BIBFRAME, the increased adoption of open source integrated library systems (ILS), and continued shift in users' expectations have increased the complexity of the decision regarding ILS for all types of libraries. • Addresses a key question: Should media centers and small libraries focus only on commercially available software, or would it be advantageous to choose open source software? • Provides an in-depth treatment of the systems development lifecycle (SDLC) and a six-phase systems analysis and design approach • Covers a wide range of topics, including open source software selection and evaluation, joining consortia, designing and developing in-house integrated automated library systems (ILS), usability principles and assessment methods, and project management

This title is a Study Guide for TOGAF® 9 Foundation. It gives an overview of every learning objective for the TOGAF 9 Foundation Syllabus and in-depth coverage on preparing and taking the TOGAF 9 Part 1 Examination. It is specifically designed to help individuals prepare for certification.This Study Guide is excellent material for:• Individuals who require a basic understanding of the TOGAF 9 framework;• Professionals who are working in roles associated with an architecture project such as those responsible for planning, execution, development, delivery, and operation; • Architects who are looking for a first introduction to the TOGAF 9 framework;• Architects who want to achieve Level 2 certification in a stepwise manner. A prior knowledge of Enterprise Architecture is advantageous but not required. While reading this Study Guide, the reader should also refer to the TOGAF Standard, Version 9.2 documentation (manual), available as hard copy and eBook, from www.vanharen.net and online booksellers, and also available online at www.opengroup.org.

An unparalleled exposé for pastors. Vital information on developing committed members. An in-depth study on the activities of shepherds. A practical guide for all ministers

This book constitutes the refereed proceedings of the 6th International Conference on Mobile Agents, MA 2002, held in Barcelona, Spain, in October 2002. The 13 revised full papers presented were carefully reviewed and selected from 48 submissions. Among the topics addressed are mobile agents, mobile agent systems, mobile software agents, mobile code, mobile objects, interoperability, security, mobile users, middleware, mobile services, ubiquitous computing, pervasive computing, and intrusion detection.

Knowing how an accounting information systems gather and transform data into useful decision-making information is fundamental knowledge for accounting professionals. Mark Simkin, Jacob Rose, and Carolyn S. Norman's essential text, Core Concepts of Accounting Information Systems, 13th Edition helps students understand basic AIS concepts and provides instructors the flexibility to support how they want to teach the course.

This brief version of Exploring Anatomy and Physiology in the Laboratory, 3e, is intended for one-semester anatomy and physiology courses geared toward allied health students. Exploring Anatomy & Physiology Laboratory: Core Concepts, by Erin C. Amerman is a comprehensive, beautifully illustrated, and affordably priced lab manual that features an innovative, interactive approach to engage your students and help ensure a deeper understanding of A&P.

Hate Prejudice and Racism provides a comprehensive overview of the problems created by prejudiced attitudes, racist beliefs, and acts of discrimination, from the casual racial or ethnic joke to the unrestrained violence of a lynch mob. It addresses such topics as the nature of ethnicity, stereotyping, aggression, and hate groups and individuals who promote ethnic and racial hatred. Kleg's discussion of ethnicity and ethnic groups challenges us to reexamine the meaning of a multicultural society. He traces the history of race as a scientific concept and its use as a social concept designed to stigmatize and subordinate members of minority racial and ethnic groups. Chapters on prejudice, stereotyping, and discrimination scapegoating provide a foundation for the chapter on hate groups and haters, which includes in-depth descriptions of beliefs and activities of white-supremacist groups and individuals who promote racism and anti-Semitism. Finally, Kleg outlines implications of hate prejudice and racism for educators and all cultural workers, outlining suggestions on how to approach and study this important and controversial topic.

A handy reference guide explaining core concepts of Oracle HCM Cloud Application. All the worked-out examples have been performed in a SaaS Deployment but very well applies for an On-Premise of Hybrid Deployment Model too. Topics covered includes Introduction to Application Diagnostic Framework, Role Delegation Feature, Creating Parameterized ESS Jobs, Format Mask Feature in BI Report, Areas of Responsibility Report, Creating OTBI Analysis from Logical SQL, HCM Approval Transaction Detail Report and List of ESS Jobs Available in Cloud Application

This book introduces research-based pedagogical practices for supporting and enhancing language development and use in school-based immersion and dual language programs in which a

second, foreign, heritage, or indigenous language is used as the medium of subject-matter instruction. Using counterbalanced instruction as the volume's pedagogical framework, the authors map out the specific pedagogical skill set and knowledge base that teachers in immersion and dual language classrooms need so their students can engage with content taught through an additional language while continuing to improve their proficiency in that language. To illustrate key concepts and effective practices, the authors draw on classroom-based research and include teacher-created examples of classroom application. The following topics are covered in detail: defining characteristics of immersion and dual language programs and features of well-implemented programs strategies to promote language and content integration in curricular planning as well as classroom instruction and performance assessment an instructional model to counterbalance form-focused and content-based instruction scaffolding strategies that support students' comprehension and production while ensuring continued language development an approach to creating cross-linguistic connections through biliteracy instruction a self-assessment tool for teachers to reflect on their pedagogical growth Also applicable to content and language integrated learning and other forms of content-based language teaching, this comprehensive volume includes graphics to facilitate navigation and provides Resources for Readers and Application Activities at the end of each chapter. The book will be a key resource for preservice and in-service teachers, administrators, and teacher educators.

In the 11 contributions, theorists historically associated with each position identify the basic tenets of their position.Have the classical methods and ideas of AI outlived their usefulness? Foundations of Artificial Intelligence critically evaluates the fundamental assumptions underpinning the dominant approaches to AI. In the 11 contributions, theorists historically associated with each position identify the basic tenets of their position. They discuss the underlying principles, describe the natural types of problems and tasks in which their approach succeeds, explain where its power comes from, and what its scope and limits are. Theorists generally skeptical of these positions evaluate the effectiveness of the method or approach and explain why it works - to the extent they believe it does - and why it eventually fails.ContentsFoundations of AI: The Big Issues, D. Kirsh - Logic and Artificial Intelligence, N. J. Nilsson - Rigor Mortis: A Response to Nilsson's 'Logic and Artificial Intelligence, ' L. Birnbaum - Open Information Systems Semantics for Distributed Artificial Intelligence, C. Hewitt - Social Conceptions of Knowledge and Action: DAI Foundations and Open Systems Semantics, L. Gasser - Intelligence without Representation, R. A. Brooks - Today the Earwig, Tomorrow Man? D. Kirsh - On the Thresholds of Knowledge, D. B. Lenat, E. A. Feigenbaum - The Owl and the Electric Encyclopedia, B. C. Smith - A Preliminary Analysis of the Soar Architecture as a Basis for General Intelligence, P. S. Rosenbloom, J. E. Laird, A. Newell, R. McCarl - Approaches to the Study of Intelligence, D. A. Norman

In Team Topologies DevOps consultants Matthew Skelton and Manuel Pais share secrets of successful team patterns and interactions to help readers choose and evolve the right team patterns for their organization, making sure to keep the software healthy and optimize value streams. Team Topologies will help readers discover: • Team patterns used by successful organizations. • Common team patterns to avoid with modern software systems. • When and why to use different team patterns • How to evolve teams effectively. • How to split software and align to teams.

This book constitutes the refereed proceedings of the fourth International Conference on Informatics in Secondary Schools - Evolution and Perspectives, ISSEP 2010, held in Zurich, Switzerland in January 2010. The 14 revised full papers presented together with 6 invited papers were carefully reviewed and selected from 32 submissions. A broad variety of topics related to teaching informatics in secondary schools is addressed ranging from national experience reports to paedagogical and methodological issues. Contributions solicited cover a variety of topics including but not limited to accessibility, assessment, classroom management, communication skills, computer science contests, computers and society, courseware, curriculum issues, research in informatics education, diagnostic teaching, empirical methods, ethical/societal issues, gender and diversity issues, high school/college transition issues, information systems, information technology, interdisciplinary courses and projects, laboratory/active learning, multimedia, object-oriented issues, pedagogy, student retention and persistence, role of programming and algorithmics, using emerging instructional, technologies and web-based techniques/web services.

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The Go-To Reference for Engineering Students and Professionals "Core Engineering Concepts is a unique book. It's a blend of the most useful concepts taught in college and the most useful practical knowledge learned afterward."— Author Michael R. Lindeburg, PE Core Engineering Concepts for Students and Professionals is a cross-disciplinary reference that can be used by engineers studying or practicing in any engineering field, including civil, mechanical, electrical, structural, environmental, industrial, and chemical engineering. This authoritative reference provides comprehensive coverage of thousands of engineering concepts in one convenient book, including topics covered in 4- and 5-year engineering degree programs and those encountered in practice. Written for both students and practitioners by a professional engineer, it incorporates more than 30 years of engineering experience. Topics Covered Atomic Theory Biology Chemistry Circuits Computer Programming Dynamics Engineering Licensure Engineering Management Fluids Heat Transfer Material Science Mathematics Mechanics of Materials Physical Representation Physics Statics Systems Analysis Thermodynamics Key Features Covers the breadth of a 4-year engineering degree Contains civil, mechanical, electrical, chemical, and industrial engineering subjects Features 82 chapters covering thousands of engineering concepts Contains more than 580 examples with step-by-step solutions Presents over 3,700 essential engineering equations and formulas References over 780 tables and 315 conversion factors in detailed appendices Lists fully defined nomenclature for each chapter Includes a comprehensive index Binding: Hardcover Publisher: PPI, A Kaplan Company

Summary The TOGAF 9 certification program is a knowledge-based certification program. It has two levels, leading to certification for TOGAF 9 Foundation and TOGAF 9 Certified, respectively. The purpose of certification to TOGAF 9 Certified is to provide validation that, in addition to the knowledge and comprehension of TOGAF 9 Foundation level, the Candidate is able to analyze and apply this knowledge. The learning objectives at this level therefore focus on application and analysis in addition to knowledge and comprehension.This Study Guide supports students in preparation for the TOGAF 9 Part 2 Examination, leading to TOGAF 9 Certified.This third edition contains minor updates to remove references to the TOGAF 8-9 Advanced Bridge Examination1 and also adds four bonus practice examination questions to Appendix B.It gives an overview of every learning objective for the TOGAF 9 Certified Syllabus beyond the Foundation level.

• Strictly as per the new Semester wise syllabus for Board Examinations to be held in the academic session 2021-22 for class -10 • Largest pool of Topic wise MCQs based on different typologies • Answer key with explanations • Revision Notes for in-depth study • Mind Maps & Mnemonics for quick learning • Concept videos for blended learning • Includes Topics found Difficult & Suggestions for students. • Dynamic QR code to keep the students updated for 2021 Exam paper or any further CISCE notifications/circulars

Autonomic computing and networking (ACN), a concept inspired by the human autonomic system, is a priority research area and a booming new paradigm in the field. Formal and Practical Aspects of Autonomic Computing and Networking: Specification, Development, and Verification outlines the characteristics, novel approaches of specification, refinement, programming and verification associated with ACN. The goal of ACN and the topics covered in this work include making networks and computers more self-organized, self- configured, self-healing, self-optimizing, self-protecting, and more. This book helpfully details the steps necessary towards realizing computer and network autonomy and its implications.

The Handbook of Information Security is a definitive 3-volume handbook that offers coverage of both established and cutting-edge theories and developments on information and computer security. The text contains 180 articles from over 200 leading experts, providing the benchmark resource for information security, network security, information privacy, and information warfare.

This book describes and evaluates alternative approaches within Systemic Functional Linguistics (SFL) to representing the structure of language at the level of form. It assumes no prior knowledge of SFL, and can therefore be read as an introduction to current issues within the theory. It will interest any linguist who takes a functional approach to understanding language. Part 1 summarizes the major developments in the forty years of SFL's history, including alternative approaches within Halliday's own writings and the emergence of the "Cardiff Grammar" as an alternative to the "Sydney Grammar". It questions the theoretical status of the 'multiple structure' representations in Halliday's influential Introduction to Functional Grammar (1994), demonstrating that Halliday's model additionally needs an integrating syntax such as that described in Part 2. Part 2 specifies and discusses the set of 'categories' and 'relationships' that are needed in a theory of syntax for a modern, computer-implementable systemic functional grammar. The theoretical concepts are exemplified at every point, usually from English but occasionally from other languages. The book is both a critique of Halliday's current theory of syntax and the presentation of an alternative version of SFL that is equally systemic and equally functional.

A comparative and collaborative study of the foundational principles and concepts that underpin different domestic systems of criminal law.

'Key Concepts in Social Research' offers a clear introduction to research methods which really takes account of the needs of students for accessible, focused information to help with undergraduate essays and exams.

Group Therapy: A Group-Analytic Approach is a comprehensive introduction to contemporary group analytic theory and practice - the prevailing form of group therapy in Europe. Highly accessible yet meticulously referenced, theoretically rich, yet clinically vivid, it is an invaluable resource for all interested in group therapy, providing access to the very heart of working therapeutically with(in) groups.

Note about this ebook: This ebook exploits many advanced capabilities with images, hypertext, and interactivity and is optimized for EPUB3-compliant book readers, especially Apple's iBooks and browser plugins. These features may not work on all ebook readers. We organize things. We organize information, information about things, and information about information. Organizing is a fundamental issue in many professional fields, but these fields have only limited agreement in how they approach problems of organizing and in what they seek as their solutions. The Discipline of Organizing synthesizes insights from library science, information science, computer science, cognitive science, systems analysis, business, and other disciplines to create an Organizing System for understanding organizing. This framework is robust and forward-looking, enabling effective sharing of insights and design patterns between disciplines that weren't possible before. Ideal as a textbook for undergraduates, the Core Concepts Edition includes new and revised content about the active resources of the "Internet of Things," and how the field of Information Architecture can be viewed as a subset of the discipline of organizing. You'll find: Stop and Think exercises designed to increase engagement and comprehension User-contributed case studies to help you with your own organizing problems Nearly 60 new pictures and illustrations Links to cross-references and external citations Interactive study guides to test on key points FOR INSTRUCTORS: Supplemental materials (lecture notes, assignments, exams, etc.) are available at http://disciplineoforganizing.org. FOR STUDENTS: Make sure this is the edition you want to buy. There's a newer one and maybe your instructor has adopted that one instead.

IBM WebSphere® eXtreme Scale provides a solution to scalability issues through caching and grid technology. It provides an enhanced quality of service in high performance computing environments. This IBM® Redbooks® publication introduces WebSphere eXtreme Scale and shows how to set up and use an eXtreme Scale environment. It begins with a discussion of the issues that would lead you to an eXtreme Scale solution. It then describes the architecture of eXtreme Scale to help you understand how the product works. It provides information about potential grid topologies, the APIs used by applications to access the grid, and application scenarios that show how to effectively use the grid. This book is intended for architects who want to implement WebSphere eXtreme Scale. The original edition of this book was based on WebSphere eXtreme Scale version 6.1. It was published in 2008 and described as a "User's Guide". This second edition updates the information based on WebSphere eXtreme Scale version 8.6, and covers key concepts and usage scenarios.

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