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KEY=A - ROTH LESTER

Comprehensive Handbook of Psychological Assessment, Volume 3

Behavioral Assessment

John Wiley & Sons In one volume, the leading researchers in behavioral assessment interpret the range of issues related to behavioral tests, including test development and psychometrics, clinical applications, ethical and legal concerns, use with diverse populations, computerization, and the latest research. Clinicians and researchers who use these instruments will find this volume invaluable, as it contains the most comprehensive and up-to-date information available on this important aspect of practice.

The Rorschach, Advanced Interpretation

Wiley The fully revised and expanded edition of the premier guidebook to Interpreting the Rorschach For the last three decades, Dr. John Exner's Comprehensive System has been the leading approach worldwide to administering and interpreting the Rorschach Inkblot Test. Comprised of three volumes, The Rorschach(r): A Comprehensive System is the authoritative reference for the administration, scoring, and interpretation of the Rorschach. This Third Edition of Volume Two: Advanced Interpretation, with new and updated information and case studies, provides an essential companion to the basic foundations and principles outlined in Volume One: Basic Foundations and Principles of Interpretation. New to this edition: * All-new case studies describing accurate use of the Rorschach in the assessment of children, adolescents, and adults in a variety of clinical and forensic settings * New research developments * New additions to Exner's Comprehensive System * Expanded reference data, including nonpatient data * Expanded coverage of the cluster approach to organizing data for interpretation The leading guide to the study and implementation of the Rorschach for more than three decades, this latest volume from John Exner and Philip Erdberg is must-reading for any serious scholar or user of the Rorschach.

Psychopathology Among Youth in the 21st Century: Examining Influences from Culture, Society and Technology

Frontiers Media SA

Science and Pseudoscience in Clinical Psychology, First Edition

Guilford Press This is the first major text designed to help professionals and students evaluate the merits of popular yet controversial practices in clinical psychology, differentiating those that can stand up to the rigors of science from those that cannot. Leading researchers review widely used therapies for alcoholism, infantile autism, ADHD, and posttraumatic stress disorder; herbal remedies for depression and anxiety; suggestive techniques for memory recovery; and self-help models. Other topics covered include issues surrounding psychological expert testimony, the uses of projective assessment techniques, and unanswered questions about dissociative identity disorder. Providing knowledge to guide truly accountable mental health practice, the volume also imparts critical skills for designing and evaluating psychological research programs. It is ideal for use in advanced undergraduate- and graduate-level courses in clinical psychology, psychotherapy, and evidence-based practice.

A Compact And Com. Book Of IIT Foudation Science Phy.&Che.) VI

S. Chand Publishing Contains large number of Solved Examples and Practice Questions. Answers, Hints and Solutions have been provided to boost up the morale and increase the confidence level.Self Assessment Sheets have been given at the end of each chapter tohelp the students to assess and evaluate their understanding of the concepts.

Introduction to Clinical Psychology

Cambridge University Press This textbook offers a survey of clinical psychology including its history, content, and professional functions.

Attachment Theory and Research in Clinical Work with Adults

Guilford Press Written with the practicing psychotherapist in mind, this invaluable book presents cutting-edge knowledge on adult attachment and explores the implications for day-to-day clinical practice. Leading experts illustrate how theory and research in this dynamic area can inform assessment, case formulation, and clinical decision making. The book puts such concepts as the secure base, mentalization, and attachment styles in a new light by focusing on their utility for understanding the therapeutic relationship and processes of change. It offers recommendations for incorporating attachment ideas and tools into specific treatment approaches, with separate chapters on psychoanalytic, interpersonal, cognitive-behavioral, and emotionally focused therapies.

Handbook of Police Psychology

Routledge The Handbook of Police Psychology features contributions from over 30 leading experts on the core matters of police psychology. The collection surveys everything from the beginnings of police psychology and early influences on the profession; to pre-employment screening, assessment, and evaluation; to clinical interventions. Alongside original chapters first published in 2011, this edition features new content on deadly force encounters, officer resilience training, and police leadership enhancement. Influential figures in the field of police psychology are discussed, including America's first full-time police psychologist, who served in the Los Angeles Police Department, and the first full-time police officer to earn a doctorate in psychology while still in uniform, who served with the New York Police Department. The Handbook of Police Psychology is an invaluable resource for police legal advisors, policy writers, and police psychologists, as well as for graduates studying police or forensic psychology.

Foundations of Space Biology and Medicine: Space as a habitat

Sourcebook on the Foundations of Social Protection Delivery Systems

World Bank Publications The Sourcebook on the Foundations of Social Protection Delivery Systems synthesizes real-world experiences and lessons learned of social protection delivery systems from around the globe. It takes a broad view of social protection, covering various intended populations such as poor or low-income families, unemployed workers, persons with disabilities, and individuals facing social risks. It discusses many types of interventions that governments provide to individuals, families, or households, including categorical programs, poverty-targeted programs, labor benefits and services, disability benefits and services, and social services. The Sourcebook seeks to address concrete "how-to†? questions, including: • How do countries deliver social protection benefits and services? • How do they do so effectively and efficiently? • How do they ensure dynamic inclusion, especially for the most vulnerable and needy? • How do they promote better coordination and integration—not only among social protection programs but also among programs in other parts of government? • How can they meet the needs of their intended populations and provide a better client experience? The delivery systems framework elaborates on the key elements of that operating environment. The framework is anchored in core implementation phases along the delivery chain. Key actors, including people and institutions, interact all along that delivery chain. Those interactions are facilitated by communications, information systems, and technology. This framework can apply to the delivery of one or many programs and to the delivery of adaptive social protection. The Sourcebook structures itself around eight key principles that can frame the delivery systems mind-set: 1. There is no single blueprint for delivery systems, but there are commonalities, and those common elements constitute the core of the delivery systems framework. 2. Quality of implementation matters, and weaknesses in any of the core elements will negatively affect the entire system, reducing the impacts of the program(s) they support. 3. Delivery systems evolve over time, in a nonlinear fashion, and their starting points matter. 4. Efforts should be made to "keep it simple†? and to "do simple well,†? from the start. 5. The "first mile†?—people's direct interface with administrative functions—is often the weakest link in the delivery chain; improving it may take systemic change but will greatly improve overall efficiencies and mitigate the risk of failures on the frontlines. 6. Social protection programs do not operate in a vacuum, and thus their delivery systems should not be developed in silos; synergies across institutions and information systems are possible and can improve program outcomes. 7. Social protection delivery systems can contribute more broadly to government's ability to serve other sectors, such as health insurance subsidies, scholarships, social energy tariffs, housing benefits, and legal services. 8. The dual challenges of inclusion and coordination are pervasive and perennial and encourage the continuous improvement of delivery systems, through a dynamic, integrated, and human-centered approach.

Psychological Testing and Assessment

An Introduction to Tests and Measurement

McGraw-Hill Humanities, Social Sciences & World Languages

Complete Foundation Guide For IIT Jee Chemistry For Class X

S. Chand Publishing Contains large number of Solved Examples and Practice Questions. Answers, Hints and Solutions have been provided to boost up the morale and increase the confidence level.Self Assessment Sheets have been given at the end of each chapter tohelp the students to assess and evaluate their understanding of the concepts.

The Rorschach, Basic Foundations and Principles of Interpretation

John Wiley & Sons Incorporated This book serves as a basic introduction to the Rorschach inkblot test. This new edition reflects the new approaches to the administration, scoring, and interpretation of the Rorschach according to the Comprehensive System. (Midwest).

Mathematical Foundation of Railroad Vehicle Systems

Geometry and Mechanics

John Wiley & Sons MASTER AND INTEGRATE THE GEOMETRY AND MECHANICS OF RAILROAD VEHICLE SYSTEM ENGINEERING WITH ONE PRACTICAL RESOURCE Mathematical Foundation of Railroad Vehicle Systems: Geometry and Mechanics delivers a comprehensive treatment of the mathematical foundations of railroad vehicle systems. The book includes a strong emphasis on the integration of geometry and mechanics to create an accurate and accessible formulation of nonlinear dynamic equations and general computational algorithms that can be effectively used in the virtual prototyping, analysis, design, and performance evaluation of railroad vehicle systems. Using basic concepts, formulations, and computational algorithms, including mechanics-based approaches like the absolute nodal coordinate formulation (ANCF), readers will understand how to integrate the geometry and mechanics of railroad vehicle systems. The book also discusses new problems and issues in this area and describes how geometric and mechanical approaches can be used in derailment investigations. Mathematical Foundation of Railroad Vehicle Systems covers: The mathematical foundation of railroad vehicle systems through the integration of geometry and mechanics Basic concepts, formulations, and computational algorithms used in railroad vehicle system dynamics New mechanics-based approaches, like the ANCF, and their use to achieve an integration of geometry and mechanics Use of geometry and mechanics to study derailments New problems and issues in the area of railroad vehicle systems Designed for researchers and practicing engineers who work with railroad vehicle systems, Mathematical Foundation of Railroad Vehicle Systems: Geometry and Mechanics can also be used in senior undergraduate and graduate mechanical, civil, and electrical engineering programs and courses.

Foundations of Computational Intelligence

Volume 1: Learning and Approximation

Springer Science & Business Media Recent years have seen numerous applications across a variety of fields using various techniques of Computational Intelligence. This book, one of a series on the foundations of Computational Intelligence, is focused on learning and approximation.

Psychological Testing

A Practical Introduction

John Wiley & Sons Incorporated Following an active learning approach, this book provides readers with the foundation to perform testing in psychology and allied disciplines. It first explores the basics of psychological testing and then covers the latest and most popular tests available.

Foundation Systems for High-Rise Structures

CRC Press The book deals with the geotechnical analysis and design of foundation systems for high-rise buildings and other complex structures with a distinctive soil-structure interaction. The basics of the analysis of stability and serviceability, necessary soil investigations, important technical regulations and quality and safety assurance are explained and possibilities for optimised foundation systems are given. Additionally, special aspects of foundation systems such as geothermal activated foundation systems and the reuse of existing foundations are described and illustrated by examples from engineering practice.

The History of Rome (Complete Edition: Vol. 1-5)

From the Foundations of the City to the Rule of Julius Caesar

e-artnow The History of Rome is a five volume history of ancient Rome written by Theodor Mommsen, dealing mainly with the Roman Republic. First volume deals with the Roman origins and covers the period anterior to the abolition of the Monarchy. Second volume depicts events from the abolition of the Monarchy in Rome to the union of Italy. Third volume deals with the Punic Wars and the subjugation of Carthage and the Greek states. Volume four covers the Revolution, dealing with the Gracchi, Marius, Drusus, and Sulla. Final volume covers the Civil War and the establishment of the military monarchy during the reign of Julius Caesar.

The Foundations of Information Systems

Research and Practice

Routledge Why does information technology disappoint or enslave us? Why do so many information systems projects collapse? How can we do better? There are many technical, social, economic and other aspects to consider. How do we ensure we take all these into account as we research ITC or employ them? ICT affects our lives and world more profoundly than ever before. How may we understand it? This book employs philosophy to lay foundations for understanding the complexity of ICT, in five areas: The nature of information and computers, and artificial intelligence; The use of ICT at work and home, for serious and less-serious use; The ICT features that annoy or delight us; Societal issues, such as surveillance, e-government, ICT in developing countries, climate change, what technological progress is and what is the role of ICT as a whole and of the information systems field; ICT development - including computer programming, knowledge engineering and project management. The ideas in this book emerge from five decades of experience of the author with ICT, across industry, the professions and academic life. Information systems researchers will enjoy this book because it offers them new ideas and fresh perspectives. On the 500th anniversary of the European Reformation, this book introduces and applies the Reformational Philosophy of mid-20th-century Dutch thinker, Herman Dooyeweerd, to contemporary challenges of the 21st century. Excitingly, this accessible philosophy is grounded in everyday experience and yields a rich seedbed of ideas, which researchers and practitioners can develop to their advantage.

Handbook of Child Custody

Springer This authoritative reference brings together leading experts for up-to-date theory, findings, and guidelines on the core aspects of child custody evaluations. Contributors offer steps for gathering more accurate family data through home observations, interviews, and collateral information. Chapters examine psychological assessment tools commonly used in evaluations, including measures relating to parenting competencies, mental illness, domestic violence, and substance abuse, and consider increasingly salient issues such as relocation and families in therapy. The section on case studies shows best practices applied in real-life custody situations, and a chapter authored by a family court judge offers rarely-seen perspective from the bench. Featured in the Handbook: · A survey of ethical and professional issues. · Observing and interviewing children, adolescents, and adults. · Psychological assessment and personality testing. · A detailed review of the Bricklin scales. · Specialized issues, including parental alienation, attachment, cults, and more. · Illustrative case studies and psychological reports. Mental health professionals who conduct child custody evaluations, including psychiatrists, clinical psychologists clinical social workers, family and marriage counselors, and licensed clinical professional counselors, will appreciate the Handbook of Child Custody. Family law attorneys will also find the Handbook useful in assisting them in child custody litigation. Its thorough coverage will aid evaluators in making recommendations that are professional, ethical, and impartial, and family lawyers in understanding the evaluation process and preparing for expert testimony.

Foundations of Multi-Paradigm Modelling for Cyber-Physical Systems

Springer Nature This open access book coherently gathers well-founded information on the fundamentals of and formalisms for modelling cyber-physical systems (CPS). Highlighting the cross-disciplinary nature of CPS modelling, it also serves as a bridge for anyone entering CPS from related areas of computer science or engineering. Truly complex, engineered systems—known as cyber-physical systems—that integrate physical, software, and network aspects are now on the rise. However, there is no unifying theory nor systematic design methods, techniques or tools for these systems. Individual (mechanical, electrical, network or software) engineering disciplines only offer partial solutions. A technique known as Multi-Paradigm Modelling has recently emerged suggesting to model every part and aspect of a system explicitly, at the most appropriate level(s) of abstraction, using the most appropriate modelling formalism(s), and then weaving the results together to form a representation of the system. If properly applied, it enables, among other global aspects, performance analysis, exhaustive simulation, and verification. This book is the first systematic attempt to bring together these formalisms for anyone starting in the field of CPS who seeks solid modelling foundations and a comprehensive introduction to the distinct existing techniques that are multi-paradigmatic. Though chiefly intended for master and post-graduate level students in computer science and engineering, it can also be used as a reference text for practitioners.

Peace Corps Times

Foundations of Intelligent Systems

Proceedings of the Sixth International Conference on Intelligent Systems and Knowledge Engineering, Shanghai, China, Dec 2011 (ISKE 2011)

Springer Science & Business Media Proceedings of the Sixth International Conference on Intelligent System and Knowledge Engineering presents selected papers from the conference ISKE 2011, held December 15-17 in Shanghai, China. This proceedings doesn't only examine original research and approaches in the broad areas of intelligent systems and knowledge engineering, but also present new methodologies and practices in intelligent computing paradigms. The book introduces the current scientific and technical advances in the fields of artificial intelligence, machine learning, pattern recognition, data mining, information retrieval, knowledge-based systems, knowledge representation and reasoning, multi-agent systems, natural-language processing, etc. Furthermore, new computing methodologies are presented, including cloud computing, service computing and pervasive computing with traditional intelligent methods. The proceedings will be beneficial for both researchers and practitioners who want to utilize intelligent methods in their specific research fields. Dr. Yinglin Wang is a professor at the Department of Computer Science and Engineering, Shanghai Jiao Tong University, China; Dr. Tianrui Li is a professor at the School of Information Science and Technology, Southwest Jiaotong University, China.

Neuroscientific Foundations of Anesthesiology

Oxford University Press An invaluable resource for understanding the interfaces of neuroscience and anesthesiology, this book will help redefine the field of anesthesiology as a fundamentally neuroscientific field.

OGC - SSADM Foundation: Business Systems Development Series with SSADM

The Stationery Office

Foundations of Health Information Engineering and Systems

Second International Symposium, FHIES 2012, Paris, France, August 27-28, 2012. Revised Selected Papers

Springer This book constitutes the thoroughly refereed post-conference proceedings of the Second International Symposium on Foundations of Health Information Engineering and Systems, FHIES 2012, held in Paris, France, in August 2012. The 11 revised full papers presented together with 3 short papers in this volume were carefully reviewed and selected from 26 submissions. Topics of interest covered in this volume are such as software engineering; systems engineering; data engineering; applied mathematics; and psychology.

Foundations of Orientation and Mobility

American Foundation for the Blind Foundations of Orientation and Mobility, the classic professional reference and textbook has been completely revised and expanded to two volumes by the most knowledgeable experts in the field. The new third edition includes both the latest research in O&M and expanded information on practice and teaching strategies. Volume 1, History and Theory, includes the bases of O&M knowledge, including perception, orientation, low vision, audition, kinesiology, psychosocial issues, and learning theories, as well as chapters on technology, dog guides, orientation aids, and environmental accessibility. A section on the profession of O&M includes its international history; administration, assessment and program planning; and a chapter on research in O&M. No O&M student or professional can afford to be without this essential resource.

Design of Foundation Systems

Principles and Practices

Alpha Science Int'l Ltd. This textbook first published in 1992 now appearing in its third edition retains the best features from the earlier editions and adds significantly to the contents, which include developments in the 1990s.

Systems Science and Cybernetics - Volume III

EOLSS Publications The subject "Systems sciences and cybernetics" is the outcome of the convergence of a number of trends in a larger current of thought devoted to the growing complexity of (primarily social) objects and arising in response to the need for globalized treatment of such objects. This has been magnified by the proliferation and publication of all manner of quantitative scientific data on such objects, advances in the theories on their inter-relations, the enormous computational capacity provided by IT hardware and software and the critical revisiting of subject-object interaction, not to mention the urgent need to control the efficiency of complex systems, where "efficiency" is understood to mean the ability to find a solution to many social problems, including those posed on a planetary scale. The result has been the forging of a new, academically consolidated scientific trend going by the name of Systems Theory and Cybernetics, with a comprehensive, multi-disciplinary focus and therefore apt for understanding realities still regarded to be inescapably chaotic. This subject entry is subdivided into four sections. The first, an introduction to systemic theories, addresses the historic development of the most commonly used systemic approaches, from new concepts such as the so-called "geometry of thinking" or the systemic treatment of "non-systemic identities" to the taxonomic, entropic, axiological and ethical problems deriving from a general "systemic-cybernetic" conceit. Hence, the focus in this section is on the historic and philosophical aspects of the subject. Moreover, it may be asserted today that, beyond a shadow of a doubt, problems, in particular problems deriving from human interaction but in general any problem regardless of its nature, must be posed from a systemic perspective, for otherwise the obstacles to their solution are insurmountable. Reaching such a perspective requires taking at least the following well-known steps: a) statement of the problem from the determinant variables or phenomena; b) adoption of theoretical models showing the interrelationships among such variables; c) use of the maximum amount of – wherever possible quantitative – information available on each; d) placement of the set of variables in an environment that inevitably pre-determines the problem. That epistemology would explain the substantial development of the systemic-cybernetic approach in recent decades. The articles in the second section deal in particular with the different methodological approaches developed when confronting real problems, from issues that affect humanity as a whole to minor but specific questions arising in human organizations. Certain sub-themes are discussed by the various authors – always from a didactic vantage –, including: problem discovery and diagnosis and development of the respective critical theory; the design of ad hoc strategies and methodologies; the implementation of both qualitative (soft system methodologies) and formal and quantitative (such as the "General System Problem Solver" or the "axiological-operational" perspective) approaches; cross-disciplinary integration; and suitable methods for broaching psychological, cultural and socio-political dynamisms. The third section is devoted to cybernetics in the present dual meaning of the term: on the one hand, control of the effectiveness of communication and actions, and on the other, the processes of self-production of knowledge through reflection and the relationship between the observing subject and the observed object when the latter is also observer and the former observed. Known as "second order cybernetics", this provides an avenue for rethinking the validity of knowledge, such as for instance when viewed through what is known as "bipolar feedback": processes through which interactions create novelty, complexity and diversity. Finally, the fourth section centres around artificial and computational intelligence, addressing sub-themes such as "neural networks", the "simulated annealing" that ranges from statistical thermodynamics to combinatory problem-solving, such as in the explanation of the role of adaptive systems, or when discussing the relationship between biological and computational intelligence.

Research in Education

Annual Index

Integrated Leader, The: A Foundation For Lifelong Management Learning

World Scientific The Integrated Leader is a contemporary search for the questions to which 'leader' or 'leadership' is an answer. Taking a thoughtful approach to management education and learning, this book explores and explains ideas not usually found in books written for managers. Its purpose is to provoke the kind of reflection and thinking that experience (and most leadership training) tends not to reach.The book will get leaders and managers to stop and think. This may not sound like much, but it is very important and significant. It represents a shift in gears in personal leadership thinking and is written for anyone who wants to ask better questions of themselves. The Integrated Leader is practical and also philosophical. It is easy to read and will reward multiple readings. Informed by the experience of practicing managers who re-enter education, it does not simply regurgitate tired old leadership theory. It neither talks down to the reader nor dumbs down any of the complex concepts needed to sustain organisational and personal health and well-being. The book includes between-chapter reflections on the Integrated Leader's Manifesto, an eleven-point declaration for leading self in various contexts.The Integrated Leader is a must-read for anyone sincere in their need for sustainable personal development.

The Oxford Handbook of Clinical Psychology

Oxford University Press (UK) The exponential growth of clinical psychology since the late 1960s can be measured in part by the extensive-perhaps exhaustive-literature on the subject. This proliferation of writing has continued into the new century, and the field has come to be defined as much by its many topics as its many voices. The Oxford Handbook of Clinical Psychology synthesizes these decades of literature in one extraordinary volume. Comprising chapters from the foremost scholars in clinical psychology, the handbook provides even and authoritative coverage of the research, practice, and policy factors that combine to form today's clinical psychology landscape. In addition to core sections on topics such as training, assessment, diagnosis, and intervention, the handbook includes valuable chapters devoted to new and emerging issues in the clinical field, including heath care reforms, cultural factors, and technological innovations and challenges. Each chapter offers a review of the most pertinent literature, outlining current issues and identifying possibilities for future research. Featuring two chapters by Editor David H. Barlow -- one on changes during his own 40-year odyssey in the field, the other projecting ten themes for the future of clinical psychology -- The Oxford Handbook of Clinical Psychology is a landmark publication that is sure to serve as the field's benchmark reference publication for years to come. It is an essential resource for students, clinicians, and researchers across the ever-growing clinical psychology community.

Physical Modelling in Geotechnics, Two Volume Set

Proceedings of the Sixth International Conference on Physical Modelling in Geotechnics, 6th ICPMG '06, Hong Kong, 4 - 6 August 2006

CRC Press An excellent source of reference on the current practice of physical modelling in geotechnics and environmental engineering. Volume One concentrates on physical modelling facilities and experimental techniques, soil characterisation, slopes, dams, liquefaction, ground improvement and reinforcement, offshore foundations and anchors, and pipelines. V

Sustainability

A Comprehensive Foundation

With "Sustainability: A Comprehensive Foundation," first and second-year college students are introduced to this expanding new field, comprehensively exploring the essential concepts from every branch of knowldege - including engineering and the applied arts, natural and social sciences, and the humanities. As sustainability is a multi-disciplinary area of study, the text is the product of multiple authors drawn from the diverse faculty of the University of Illinois: each chapter is written by a recognized expert in the field.

Foundations and Applications of Intelligent Systems

Proceedings of the Seventh International Conference on Intelligent Systems and Knowledge Engineering, Beijing, China, Dec 2012 (ISKE 2012)

Springer Science & Business Media These proceedings present technical papers selected from the 2012 International Conference on Intelligent Systems and Knowledge Engineering (ISKE 2012), held on December 15-17 in Beijing. The aim of this conference is to bring together experts from different fields of expertise to discuss the state-of-the-art in Intelligent Systems and Knowledge Engineering, and to present new findings and perspectives on future developments. The proceedings introduce current scientific and technical advances in the fields of artificial intelligence, machine learning, pattern recognition, data mining, knowledge engineering, information retrieval, information theory, knowledge-based systems, knowledge representation and reasoning, multi-agent systems, and natural-language processing, etc. Furthermore they include papers on new intelligent computing paradigms, which combine new computing methodologies, e.g., cloud computing, service computing and pervasive computing with traditional intelligent methods. By presenting new methodologies and practices, the proceedings will benefit both researchers and practitioners who want to utilize intelligent methods in their specific fields. Dr. Fuchun Sun is a professor at the Department of Computer Science & Technology, Tsinghua University, China. Dr. Tianrui Li is a professor at the School of Information Science & Technology, Southwest Jiaotong University, Chengdu, China. Dr. Hongbo Li also works at the Department of Computer Science & Technology, Tsinghua University, China.

HISTORY AND PHILOSOPHY OF SCIENCE AND TECHNOLOGY -Volume III

EOLSS Publications History and Philosophy of Science and Technology is a component of Encyclopedia of Physical Sciences, Engineering and Technology Resources in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. The Theme on History and Philosophy of Science and Technology in four volumes covers several topics such as: Introduction to the Philosophy of Science; The Nature and Structure of Scientific Theories Natural Science; A Short History of Molecular Biology; The Structure of the Darwinian Argument In The Origin of Species; History of Measurement Theory; Episodes of XX Century Cosmology: A Historical Approach; Philosophy of Economics; Social Sciences: Historical And Philosophical Overview of Methods And Goals; Introduction to Ethics of Science and Technology; The Ethics of Science and Technology; The Control of Nature and the Origins of The Dichotomy Between Fact And Value; Science and Empires: The Geo-Epistemic Location of Knowledge; Science and Religion; Scientific Knowledge and Religious Knowledge - Significant Epistemological Reference Points; Thing Called Philosophy of Technology; Transitions from Function-Oriented To Effect-Oriented Technologies. Some Thought on the Nature of Modern Technology; Technical Agency and Sources of Technological Pessimism These four volumes are aimed at a broad spectrum of audiences: University and College Students, Educators and Research Personnel.

Law's Political Foundations

Rivers, Rifles, Rice, and ReligionLaw's Political Foundations explains the development of the two basic systems of public and private law and their historical transformations. Examining the historical development of law in China, Japan, Western Europe, and Hispanic America, Haley argues that law is a product, rather than a constitutive element, of political systems.

Edward Elgar Publishing Law's Political Foundations explains the development of the two basic systems of public and private law and their historical transformations. Examining the historical development of law in China, Japan, Western Europe, and Hispanic America, Haley argues that law is a product, rather than a constitutive element, of political systems.

Stochastic Hybrid Systems

CRC Press Because they incorporate both time- and event-driven dynamics, stochastic hybrid systems (SHS) have become ubiquitous in a variety of fields, from mathematical finance to biological processes to communication networks to engineering. Comprehensively integrating numerous cutting-edge studies, Stochastic Hybrid Systems presents a captivating treatment of some of the most ambitious types of dynamic systems. Cohesively edited by leading experts in the field, the book introduces the theoretical basics, computational methods, and applications of SHS. It first discusses the underlying principles behind SHS and the main design limitations of SHS. Building on these fundamentals, the authoritative contributors present methods for computer calculations that apply SHS analysis and synthesis techniques in practice. The book concludes with examples of systems encountered in a wide range of application areas, including molecular biology, communication networks, and air traffic management. It also explains how to resolve practical problems associated with these systems. Stochastic Hybrid Systems achieves an ideal balance between a theoretical treatment of SHS and practical considerations. The book skillfully explores the interaction of physical processes with computerized equipment in an uncertain environment, enabling a better understanding of sophisticated as well as everyday devices and processes.

Applied Mechanics Reviews

L. S. Vygotsky's Pedological Works

Volume 1. Foundations of Pedology

Springer Nature This book provides both a lost last word and a firm first foundation: seven lectures, given in the last months in the life of the Soviet thinker, teacher, and writer L.S. Vygotsky, offer us the most comprehensive and developed form of his thoughts on the child, expressed in the most fundamental and even popular form that Vygotsky himself used with his beginner-level students. As the title of Vygotsky's course indicates, these are foundations upon which cultural-historical researchers can rebuild the lost science of "pedology", a holistic approach to child development based on the dynamic unity of physical and mental development. Volume One includes translations of seven of Vygotsky's lectures that reflect his approach to pedology; the method of pedology and the "methodics" of the unit of analysis; the role of heredity and social environment in child development; and general laws of development in childhood that will help parents and teachers understand the way the child's endocrine system, nervous system, and mind change as the child enters a culture and learns to make history.