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KEY=THE - CLARKE SINGH

English Language Teaching in Pakistan *Springer Nature* This book presents empirical research on teaching, learning and assessment, and teacher development practices in Pakistan. Despite extensive academic research conducted in Pakistan over the last decade, there is a dearth of internationally published literature on English language teaching in the country. This book covers current research priorities and initiatives concerning English language teaching, learning and assessment, empirical developments, and major professional development initiatives, both in Pakistan and involving the work of Pakistani scholars based in abroad. It highlights the impacts that development efforts are having in the ELT world in Pakistan. The respective chapters cover a diverse range of topics, including: continuous professional development (CPD), identity construction, English language policy, curriculum development, and innovative ELT approaches and methodologies used in Pakistan. This volume provides valuable insights for TESOL and applied linguistics scholars and practitioners working in the field of ELT, both in Pakistan and elsewhere in the globalized world. **Networked Learning Reflections and Challenges** The book is based on nine selected, peer-reviewed papers presented at the 10th biennial Networked Learning Conference (NLC) 2016 held in Lancaster. Informed by suggestions from delegates, the nine papers have been chosen by the editors (who were the Chairs of the Conference) as exemplars of cutting edge research on networked learning. Further reviews of all papers were conducted once they were revised as chapters for the book. The chapters are organized into two sections: 1) Situating Networked Learning: Looking Back - Moving Forward, 2) New Challenges: Designs for Networked Learning in the Public Arena. Further, we include an introduction which looks at the evolution of trends in Networked Learning through a semantic analysis of conference papers from the 10 conferences. A final chapter draws out perspectives from the chapters and discusses emerging issues. The book is the fifth in the Networked Learning Conference Series. **Earnings Management Emerging Insights in Theory, Practice, and Research** *Springer Science & Business Media* This book is a study of earnings management, aimed at scholars and professionals in accounting, finance, economics, and law. The authors address research questions including: Why are earnings so important that firms feel compelled to manipulate them? What set of circumstances will induce earnings management? How will the interaction among management, boards of directors, investors, employees, suppliers, customers and regulators affect earnings management? How to design empirical research addressing earnings management? What are the limitations and strengths of current empirical models? **School Belonging in Adolescents Theory, Research and Practice** *Springer* This book explores the concept of school belonging in adolescents from a socio-ecological perspective, acknowledging that young people are uniquely connected to a broad network of groups and systems within a school system. Using a socio-ecological framework, it positions belonging as an essential aspect of psychological functioning for which schools offer unique opportunities to improve. It also offers insights into the factors that influence school belonging at the student level during adolescence in educational settings. Taking a socio-ecological perspective and drawing from innovative research methods, the book encourages researchers interested in school leadership to foster students' sense of belonging by developing their qualities and by changing school systems and processes **Exploring Resilience** Resilience has become an important topic on the safety research agenda and in organizational practice. Most empirical work on resilience has been descriptive, identifying characteristics of work and organizing activity which allow organizations to cope with unexpected situations. Fewer studies have developed testable models and theories that can be used to support interventions aiming to increase resilience and improve safety. In addition, the absent integration of different system levels from individuals, teams, organizations, regulatory bodies, and policy level in theory and practice imply that mechanisms through which resilience is linked across complex systems are not yet well understood. Scientific efforts have been made to develop constructs and models that present relationships; however, these cannot be characterized as sufficient for theory building. There is a need for taking a broader look at resilience practices as a foundation for developing a theoretical framework that can help improve safety in complex systems. This book does not advocate for one definition or one field of research when talking about resilience; it does not assume that the use of resilience concepts is necessarily

positive for safety. We encourage a broad approach, seeking inspiration across different scientific and practical domains for the purpose of further developing resilience at a theoretical and an operational level of relevance for different high-risk industries. The aim of the book is twofold: 1. To explore different approaches for operationalization of resilience across scientific disciplines and system levels. 2. To create a theoretical foundation for a resilience framework across scientific disciplines and system levels. By presenting chapters from leading international authors representing different research disciplines and practical fields we develop suggestions and inspiration for the research community and practitioners in high-risk industries. This book is Open Access under a CC-BY licence.; Explores different approaches for operationalization of resilience across scientific disciplines and system levels Creates a theoretical foundation for a resilience framework across scientific disciplines and system levels Develops suggestions and inspiration for the research community and practitioners in high-risk industries Presents chapters from leading international authors representing different research disciplines and practical fields This work was published by Saint Philip Street Press pursuant to a Creative Commons license permitting commercial use. All rights not granted by the work's license are retained by the author or authors. **Design Research in Information Systems Theory and Practice** Springer Science & Business Media It is 5 years since the publication of the seminal paper on "Design Science in Information Systems Research" by Hevner, March, Park, and Ram in MIS Quarterly and the initiation of the Information Technology and Systems department of the Communications of AIS. These events in 2004 are markers in the move of design science to the forefront of information systems research. A sufficient interval has elapsed since then to allow assessment of from where the field has come and where it should go. Design science research and behavioral science research started as dual tracks when IS was a young field. By the 1990s, the influx of behavioral scientists started to dominate the number of design scientists and the field moved in that direction. By the early 2000s, design people were having difficulty publishing in mainline IS journals and in being tenured in many universities. Yes, an annual Workshop on Information Technology and Systems (WITS) was established in 1991 in conjunction with the International Conference on Information Systems (ICIS) and grew each year. But that was the extent of design science recognition. Fortunately, a revival is underway. By 2009, when this foreword was written, the fourth DESRIST conference has been held and plans are afoot for the 2010 meeting. Design scientists regained respect and recognition in many venues where they previously had little. **Open and Distance Education Theory Revisited Implications for the Digital Era** Springer This book explores foundational theories that have been applied in open and distance education (ODE) research and refined to reflect advances in research and practice. In addition, it develops new theories emerging from recent developments in ODE. The book provides a unique and up-to-date source of information for ODE scholars and graduate students, enabling them to make sense of essential theory, research and practice in their field, and to comprehend the gaps in, and need for further enquiry into, theoretical approaches in the digital era. It also offers theory-based advice and guidelines for practitioners, helping them make and justify decisions and actions concerning the development, implementation, research and evaluation of ODE. **Theoretical Perspectives for Direct Social Work Practice A Generalist-Eclectic Approach, Second Edition** Springer Publishing Company Praise for the first edition "Finally, a social work practice text that makes a difference! This is the book that you have wished for but could never find. Although similar to texts that cover a range of practice theories and approaches to clinical practice, this book clearly has a social work frame of reference and a social work identity." --Gayla Rogers, Dean of the Faculty of Social Work, University of Calgary The major focus of this second edition is the same; to provide an overview of theories, models, and therapies for direct social work practice, including systems theory, attachment theory, cognitive-behavioral theory, narrative therapy, solution-focused therapy, the crisis intervention model, and many more. However, this popular textbook goes beyond a mere survey of such theories. It also provides a framework for integrating the use of each theory with central social work principles and values, as well as with the artistic elements of practice. This second edition has been fully updated and revised to include: A new chapter on Relational Theory, and newly-rewritten chapters by new authors on Cognitive-Behavioral Theory, Existential Theory, and Wraparound Services New critique of the Empirically Supported Treatment (EST) movement Updated information on the movement toward eclecticism in counseling and psychotherapy A refined conceptualization of the editors' generalist-eclectic approach **Mental Health and Social Work** Springer This book showcases current thinking on social work in the field of mental health and illness from a bio-ecological and spiritual framework reflecting the transition in mental health care from institution to community. The book presents a valuable tool for understanding theories on aetiology and social work interventions in mental health from varying socio-cultural, economic and political contexts. Topics covered include: the values and ethics of social work practice in mental health; psycho-social theories on mental health and illness, including psychological perspective and the structural/ social development perspective; social work approaches in working with individuals, families and communities; contextualized social work practice in mental health with a specific population group or community; structural factors such as legal provision and financial challenges in mental health and illness; and new directions in social work and mental health. **Networked Professional Learning Emerging and Equitable Discourses for Professional Development** Springer Over the past decades a new form of professionalism has emerged, characterized by factors of fluidity, instability and continual change, leading to the necessitation of new forms of professional development that support agile and flexible expansion of professional practice. At the same time, the digitization of work has had a profound effect on professional practice. This digitization opens up opportunities for new forms of professional learning mediated by technologies through networked learning. Networked learning is believed to lead to a more efficient flow of complex knowledge and routine information within the organization, stimulate innovative behaviour, and result in a higher job satisfaction. In this respect, networked learning can be perceived as an important perspective on both professional and organizational development. This volume provides examples of Networked Professional Learning, it questions the impact of this emerging form of learning on the academy, and it interrogates the impact on teachers of the future. It features three sections that explore networked professional learning from different perspectives: questioning what legitimate forms of networked professional learning are across a broad sampling of professions, how new forms of professional learning impact institutions of higher education, and the value creation that Networked Learning offers professionals in broader educational, economic, and social contexts. The book is of interest to researchers in the area of professional and digital learning, higher education managers, organizational HR professionals, policy makers and students of technology enhanced learning. **The Coupling of Safety and Security Exploring Interrelations in Theory and Practice** Springer Nature This open access

book explores the synergies and tensions between safety and security management from a variety of perspectives and by combining input from numerous disciplines. It defines the concepts of safety and security, and discusses the methodological, organizational and institutional implications that accompany approaching them as separate entities and combining them, respectively. The book explores the coupling of safety and security from different perspectives, especially: the concepts and methods of risk, safety and security; the managerial aspects; user experiences in connection with safety and security. Given its scope, the book will be of interest to researchers and practitioners in the fields of safety and security, and to anyone working at a business or in an industry concerned with how safety and security should be managed. **The Theory and Practice of Social Machines** Springer Social machines are a type of network connected by interactive digital devices made possible by the ubiquitous adoption of technologies such as the Internet, the smartphone, social media and the read/write World Wide Web, connecting people at scale to document situations, cooperate on tasks, exchange information, or even simply to play. Existing social processes may be scaled up, and new social processes enabled, to solve problems, augment reality, create new sources of value, and disrupt existing practice. This book considers what talents one would need to understand or build a social machine, describes the state of the art, and speculates on the future, from the perspective of the EPSRC project SOCIAM - The Theory and Practice of Social Machines. The aim is to develop a set of tools and techniques for investigating, constructing and facilitating social machines, to enable us to narrow down pragmatically what is becoming a wide space, by asking 'when will it be valuable to use these methods on a sociotechnical system?' The systems for which the use of these methods adds value are social machines in which there is rich person-to-person communication, and where a large proportion of the machine's behaviour is constituted by human interaction. **Middle Range Theory for Nursing, Fourth Edition** Springer Publishing Company Three-time recipient of the AJN Book of the Year Award! Praise for the third edition: "This is an outstanding edition of this book. It has great relevance for learning about, developing, and using middle range theories. It is very user friendly, yet scholarly." Score: 90, 4 Stars -Doody's Medical Reviews The fourth edition of this invaluable publication on middle range theory in nursing reflects the most current theoretical advances in the field. With two additional chapters, new content incorporates exemplars that bridge middle range theory to advanced nursing practice and research. Additional content for DNP and PhD programs includes two new theories: Bureaucratic Caring and Self-Care of Chronic Illness. This user-friendly text stresses how theory informs practice and research in the everyday world of nursing. Divided into four sections, content sets the stage for understanding middle range theory by elaborating on disciplinary perspectives, an organizing framework, and evaluation of the theory. Middle Range Theory for Nursing, Fourth Edition presents a broad spectrum of 13 middle range theories. Each theory is broken down into its purpose, development, and conceptual underpinnings, and includes a model demonstrating the relationships among the concepts, and the use of the theory in research and practice. In addition, concept building for research through the lens of middle range theory is presented as a rigorous 10-phase process that moves from a practice story to a conceptual foundation. Exemplars are presented clarifying both the concept building process and the use of conceptual structures in research design. This new edition remains an essential text for advanced practice, theory, and research courses. New to the Fourth Edition: Reflects new theoretical advances Two completely new chapters New content for DNP and PhD programs Two new theories: Bureaucratic Caring and Self-Care of Chronic Illness Two articles from Advances in Nursing Science documenting a historical meta-perspective on middle range theory development Key Features: Provides a strong contextual foundation for understanding middle range theory Introduces the Ladder of Abstraction to clarify the range of nursing's theoretical foundation Presents 13 middle range theories with philosophical, conceptual, and empirical dimensions of each theory Includes Appendix summarizing middle range theories from 1988 to 2016 **Networking of Theories as a Research Practice in Mathematics Education** Springer How can we deal with the diversity of theories in mathematics education? This was the main question that led the authors of this book to found the Networking Theories Group. Starting from the shared assumption that the existence of different theories is a resource for mathematics education research, the authors have explored the possibilities of interactions between theories, such as contrasting, coordinating, and locally integrating them. The book explains and illustrates what it means to network theories; it presents networking as a challenging but fruitful research practice and shows how the Group dealt with this challenge considering five theoretical approaches, namely the approach of Action, Production, and Communication (APC), the Theory of Didactical Situations (TDS), the Anthropological Theory of the Didactic (ATD), the approach of Abstraction in Context (AiC), and the Theory of Interest-Dense Situations (IDS). A synthetic presentation of each theory and their connections shows how the activity of networking generates questions at the theoretical, methodological and practical levels and how the work on these questions leads to both theoretical and practical progress. The core of the book consists of four new networking case studies which illustrate what exactly can be gained by this approach and what kind of difficulties might arise. **Information Systems Research Relevant Theory and Informed Practice** Springer Information Systems Research: Relevant Theory and Informed Practice comprises the edited proceedings of the WG8.2 conference, "Relevant Theory and Informed Practice: Looking Forward from a 20-Year Perspective on IS Research," which was sponsored by IFIP and held in Manchester, England, in July 2004. The conference attracted a record number of high-quality manuscripts, all of which were subjected to a rigorous reviewing process in which four to eight track chairs, associate editors, and reviewers thoughtfully scrutinized papers by the highly regarded as well as the newcomers. No person or idea was considered sacrosanct and no paper made it through this process unscathed. All authors were asked to revise the accepted papers, some more than once; thus, good papers got better. With only 29 percent of the papers accepted, these proceedings are significantly more selective than is typical of many conference proceedings. This volume is organized in 7 sections, with 33 full research papers providing panoramic views and reflections on the Information Systems (IS) discipline followed by papers featuring critical interpretive studies, action research, theoretical perspectives on IS research, and the methods and politics of IS development. Also included are 6 panel descriptions and a new category of "bright idea" position papers, 11 in all, wherein main points are summarized in a pithy and provocative fashion. **Governance of Urban Sustainability Transitions European and Asian Experiences** Springer Reading this book will lead to new insights compelling to an international audience into how cities address the sustainability challenges they face. They do this by not repeating old patterns but by searching for new and innovative methods and instruments based on shared principles of a transitions approach. The book describes the quest of cities on two continents to accelerate and stimulate such a transition to sustainability. The aim of the book is twofold:

to provide insights into how cities are addressing this challenge conceptually and practically, and to learn from a comparison of governance strategies in Europe and Asia. The book is informed by transition thinking as it was developed in the last decade in Europe and as it is increasingly being applied in Asia. The analytical framework is based on principles of transition management, which draws on insights from complexity science, sociology, and governance theories. Only recently this approach has been adapted to the urban context, and this book is an opportunity to share these experiences with a wider audience. For scholars this work offers a presentation of recent state-of-the-art theoretical developments in transition governance applied to the context of cities. For urban planners, professionals, and practitioners it offers a framework for understanding ongoing developments as well as methods and instruments for dealing with them. The content is potentially appealing to post-graduate and graduate students of environmental management, policy studies, and urban studies programs.

English Language and General Studies Education in the United Arab Emirates Theoretical, Empirical and Practical Perspectives Springer This book presents an up-to-date account of current English-language English teaching and General Studies practices in the UAE. The chapters, written by leading language teacher educators, feature theoretical and empirical aspects of teaching, learning, assessment as well as related research. Throughout the book, the link between theory and practice is highlighted and exemplified. This reader-friendly book is suitable for undergraduate and graduate students, teachers, researchers and administrators of English language and general studies programs in the UAE and beyond who wish to keep abreast of recent developments in the field.

Fieldwork for Design Theory and Practice Springer Science & Business Media This book looks at why ethnographic approaches are popular in the design of computing devices for the workplace, for the home and elsewhere. It presents a history of ethnography, both as it was practiced before computer science picked it up and since, most especially in the CSCW and HCI domains. The focus of the book is on the practical relationship between theory and practice, a relationship that is fundamental to successful design.

Community Practice and Social Development in Social Work Springer This book brings together leaders in the field of community practice and social development in social work. The chapters discuss the implications of social development in social work practice, policy, and service structures.

Money: Theory and Practice Springer Nature This textbook provides an introduction to modern monetary economics for advanced undergraduates, highlighting the lessons learned from the recent financial crisis. The book presents both the core New Keynesian model and recent advances, taking into account financial frictions, and discusses recent research on an intuitive level based on simple static and two-period models, but also prepares readers for an extension to a truly dynamic analysis. Further, it offers a systematic perspective on monetary policy, covering a wide range of models to help readers gain a better understanding of controversial issues. Part I examines the long-run perspective, addressing classical monetary policy issues such as determination of the price level and interaction between monetary and fiscal policy. Part II introduces the core New Keynesian model, characterizing optimal monetary policy to stabilize short-term shocks. It discusses rules vs. discretion and the challenges arising from control errors, imperfect information and robustness issues. It also analyzes optimal control in the presence of an effective lower bound. Part III focuses on modelling financial frictions. It identifies the transmission mechanisms of monetary policy via banking and introduces models with incomplete markets, principal-agent problems, maturity mismatch and leverage cycles, to show why investors' and intermediaries' own stakes play a key role in lending with pro-cyclical features. In addition, it presents a tractable model for handling liquidity management and demonstrates that the need to sell assets in crisis amplifies the volatility of the real economy. Lastly, the book discusses the relation between monetary policy and financial stability, addressing systemic risk and the role of macro-prudential regulation.

Crowdfunding in Europe State of the Art in Theory and Practice Springer Crowdfunding is becoming an increasingly popular method to finance projects of every kind and scale. This contributed volume is one of the earliest books presenting scientific and research-based perspectives of crowdfunding, its development, and future. The European Crowdfunding Network (ECN) and its scientific work group, together with FGF e.V., invited both researchers and practitioners to contribute to this first state-of-the-art edited volume on crowdfunding in Europe. This book contributes to a better comprehension of crowdfunding, encourages further fundamental research and contributes to a systematization of this new field of research. The book also features expert contributions by practitioners to enhance and complement the scientific perspective. This book can be used as a guideline and shall advance classification in an emerging research field.

Experiment, Theory, Practice Articles and Addresses Springer Science & Business Media In this splendid collection of the articles and addresses of P. L. Kapitza, the author remarks on the insight of the 18th century Ukrainian philosopher Skovoroda who wrote: "We must be grateful to God that He created the world in such a way that everything simple is true, and everything complicated is untrue." At another place, Kapitza meditates on the roles played by instinct, imagination, audacity, experiment, and hard work in the development of science, and for a moment seems to despair at understanding the dogged arguments of great scientists: "Einstein loved to refer to God when there was no more sensible argument!" With Academician Kapitza, there are reasoned arguments, plausible alternatives, humor and humane discipline, energy and patience, a skill for the practical, and transcendent clarity about what is at issue in theoretical practice as in engineering necessities. Kapitza has been physicist, engineer, research manager, teacher, humanist, and this book demonstrates that he is a wise interpreter of historical, philosophical, and social realities. He is also, in C. P. Snow's words, strong, brave, and good (Variety of Men, N. Y. 1966, p. 19). In this preface, we shall point to themes from Kapitza's interpretations of science and life. On scientific work. Good work is never done with someone else's hands. The separation of theory from experience, from experimental work, and from practice, above all harms theory itself.

Self-Study of Practice as a Genre of Qualitative Research Theory, Methodology, and Practice Springer Science & Business Media Teacher educators live hectic lives at institutional and discipline boundaries. Our greatest potential for influence is through developing relationships with others in our practice. Our work is fundamentally relational and emotional. We are obligated to the teachers we teach and the public students they teach. Our practice exists in the midst of experience, conflicting and often hostile boundaries, and between what we know from research and what we understand from practice. Self-study of practice invites researchers to embrace the hectic and fragmented territory of practice as the space for study. This book educates those who would like to explore practice in the methodology of self-study. It provides both a pragmatic and theoretic guide. It grounds the research in ontology and establishes dialogue as the inquiry process. It supports researchers through the use of frameworks to guide research and explication of strategies for conducting it.

Extramural English in Teaching and Learning From Theory and Research to Practice

Springer This book is unique in bringing together theory, research, and practice about English encountered outside the classroom – extramural English – and how it affects teaching and learning. The book investigates ways in which learners successfully develop their language skills through extramural English and provides tools for teachers to make use of free time activities in primary and secondary education. The authors demonstrate that learning from involvement in extramural English activities tends to be incidental and is currently underutilized in classroom work. A distinctive strength is that this volume is grounded in theory, builds on results from empirical studies, and manages to link theory and research with practice in a reader-friendly way. Teacher-educators, teachers and researchers of English as a foreign language and teachers of English as a second language across the globe will find this book useful in developing their use of extramural English activities as tools for language learning.

Science Education in Theory and Practice An Introductory Guide to Learning Theory *Springer Nature* This book provides a collection of applicable learning theories and their applications to science teaching. It presents a synthesis of historical theories while also providing practical implications for improvement of pedagogical practices aimed at advancing the field into the future. The theoretical viewpoints included in this volume span cognitive and social human development, address theories of learning, and describe approaches to teaching and curriculum development. The book presents and discusses humanistic, behaviourist, cognitivist, and constructivist theories. In addition, it looks at other theories, such as multiple intelligences theory, systems thinking, gender/sexuality theory and indigenous knowledge systems. Each chapter follows a reader-motivated approach anchored on a narrative genre. The book serves as a guide for those aiming to create optional learning experiences to prepare the next generation STEM workforce. Chapter “The Bildung Theory—From von Humboldt to Klafki and Beyond” is available open access under a Creative Commons Attribution 4.0 International License via link.springer.com

Higher Education: Handbook of Theory and Research *Springer Science & Business Media* Published annually since 1985, the Handbook series provides a compendium of thorough and integrative literature reviews on a diverse array of topics of interest to the higher education scholarly and policy communities. Each chapter provides a comprehensive review of research findings on a selected topic, critiques the research literature in terms of its conceptual and methodological rigor, and sets forth an agenda for future research intended to advance knowledge on the chosen topic. The Handbook focuses on twelve general areas that encompass the salient dimensions of scholarly and policy inquiries undertaken in the international higher education community. The series is fortunate to have attracted annual contributions from distinguished scholars throughout the world.

Ecological Wisdom Theory and Practice *Springer* This book offers an introduction to the theory and practice of ecological wisdom (EW). EW is the integration of robust contemporary science with proven cultural and historical practices to identify long-term, sustainable solutions to problems of environmental management and urban design. The book combines theoretical concepts with specific case studies, illustrating the opportunities for interdisciplinary approaches combining historical experience, cultural context, and contemporary science as effective strategies for addressing complex problems confronting metropolitan and rural environmental and resource management in areas such as land use, water management, materials and building engineering, urban planning, and architecture and design. EW transcends the limitations in these fields of the normative approaches of modernity or traditional wisdom by offering a new, synthetic strategy to address socio-ecological issues. By presenting these ideas both theoretically and through existing case studies, the book provides researchers, practitioners and students with a powerful new perspective in developing long-term, resilient solutions to existing socio-environmental challenges. It is intended mainly for those working or interested in the fields of sustainable environmental and resource management, city and regional planning, architecture and design, civil engineering, landscape architecture, and the philosophy of science, particularly those with an ecological or sustainability focus.

Distance Education in Nursing Third Edition *Springer Publishing Company Print+CourseSmart*

Handbook of Intellectual Disabilities Integrating Theory, Research, and Practice *Springer Nature* This handbook offers a comprehensive review of intellectual disabilities (ID). It examines historical perspectives and foundational principles in the field. The handbook addresses philosophy of care for individuals with ID, as well as parent and professional issues and organizations, staffing, and working on multidisciplinary teams. Chapters explore issues of client protection, risk factors of ID, basic research issues, and legal concerns. In addition, chapters include information on evidence-based assessments and innovative treatments to address a variety of behaviors associated with ID. The handbook provides an in-depth analysis of comorbid physical disorders, such as cerebral palsy, epilepsy and seizures, and developmental coordination disorders (DCD), in relation to ID. Topics featured in this handbook include: Informed consent and the enablement of persons with ID. The responsible use of restraint and seclusion as a protective measure. Vocational training and job preparation programs that assist individuals with ID. Psychological and educational approaches to the treatment of aggression and tantrums. Emerging technologies that support learning for students with ID. Key sexuality and relationship issues that are faced by individuals with ID. Effective approaches to weight management for individuals with intellectual and developmental disabilities. The Handbook of Intellectual Disabilities is an essential reference for researchers, graduate students, clinicians and related therapists and professionals in clinical child and school psychology, pediatrics, social work, developmental psychology, behavioral therapy/rehabilitation, child and adolescent psychiatry, and special education.

Transforming Practices Changing the World with the Theory of Practice Architectures *Springer* This textbook shows how people can and do transform the world through transforming their practices and the practice architectures that shape them, and contributes to contemporary practice theory. It provides an authoritative, comprehensive, and contemporary account of the theory of practice architectures, illustrated through examples drawn from years of research by participants in the Pedagogy, Education, and Praxis international research network from Australia, New Zealand, Finland, Norway, Sweden, the Netherlands, Colombia, and the Caribbean. Its content provides a variety of resources for researchers who are new to research using the theory of practice architectures. It includes tables to assist with the analysis of practices, and provides clear examples to aid understanding and application. This textbook provides readers with a thorough grounding in the theory and ways the theory of practice architectures has been used in investigations of social and educational practice.

Principles and Theory for Data Mining and Machine Learning *Springer Science & Business Media* Extensive treatment of the most up-to-date topics Provides the theory and concepts behind popular and emerging methods Range of topics drawn from Statistics, Computer Science, and Electrical Engineering

International Handbook of Research in Professional and Practice-based Learning *Springer* The International Handbook of Research in Professional and Practice-based Learning discusses what constitutes professionalism, examines the concepts and practices

of professional and practice-based learning, including associated research traditions and educational provisions. It also explores professional learning in institutions of higher and vocational education as well the practice settings where professionals work and learn, focusing on both initial and ongoing development and how that learning is assessed. The Handbook features research from expert contributors in education, studies of the professions, and accounts of research methodologies from a range of informing disciplines. It is organized in two parts. The first part sets out conceptions of professionalism at work, how professions, work and learning can be understood, and examines the kinds of institutional practices organized for developing occupational capacities. The second part focuses on procedural issues associated with learning for and through professional practice, and how assessment of professional capacities might progress. The key premise of this Handbook is that during both initial and ongoing professional development, individual learning processes are influenced and shaped through their professional environment and practices. Moreover, in turn, the practice and processes of learning through practice are shaped by their development, all of which are required to be understood through a range of research orientations, methods and findings. This Handbook will appeal to academics working in fields of professional practice, including those who are concerned about developing these capacities in their students. In addition, students and research students will also find this Handbook a key reference resource to the field.

Handbook of Positive Youth Development Advancing Research, Policy, and Practice in Global Contexts Springer Nature This handbook examines positive youth development (PYD) in youth and emerging adults from an international perspective. It focuses on large and underrepresented cultural groups across six continents within a strengths-based conception of adolescence that considers all youth as having assets. The volume explores the ways in which developmental assets, when effectively harnessed, empower youth to transition into a productive and resourceful adulthood. The book focuses on PYD across vast geographical regions, including Europe, Asia, Africa, Middle East, Australia, New Zealand, North America, and Latin America as well as on strengths and resources for optimal well-being. The handbook addresses the positive development of young people across various cultural contexts to advance research, policy, and practice and inform interventions that foster continued thriving and reduce the chances of compromised youth development. It presents theoretical perspectives and supporting empirical findings to promote a more comprehensive understanding of PYD from an integrated, multidisciplinary, and multinational perspective. The Handbook of Positive Youth Development in a Global Context is an essential resource for researchers, professors, and graduate students as well as clinicians, therapists, and other professionals in developmental, clinical child, and school psychology, public health and prevention science, family studies, cross-cultural psychology, child and adolescent psychiatry, social work, educational policy and politics, anthropology, sociology, social psychology and all interrelated disciplines.

Theories of Learning and Studies of Instructional Practice Springer Science & Business Media This is a book about an attempt to change the way math was taught in a particular classroom. Its title plays on our everyday usage of the terms theory and practice. In education, these terms are conventionally treated oppositionally—we have theories about what we should do and we have what teachers actually do do. In this way, theory stands prior, logically and chronologically, to practice; practice inevitably becoming theory's imperfect realization. We seek in this volume, however, to develop a different stance with regard to the relationship between the two. Taking the details of instructional practice as our principle object of study, we explore what role theories of learning might play in illuminating such practices. The book is about actual practices by which teaching is done and how contemporary theories of learning might help us understand those practices. It seeks to provide a foundation for future practice-based inquiry in education, by addressing the methodological question: How do we go about studying instructional practice in a principled way?

Maintenance Theory of Reliability Springer Science & Business Media Many serious accidents have happened in the world where systems have been large-scale and complex, and have caused heavy damage and a social sense of instability. Furthermore, advanced nations have almost finished public infrastructure and rushed into a maintenance period. Maintenance will be more important than production, manufacture, and construction, that is, more maintenance for environmental considerations and for the protection of natural resources. From now on, the importance of maintenance will increase more and more. In the past four decades, valuable contributions to maintenance policies in reliability theory have been made. This book is intended to summarize the research results studied mainly by the author in the past three decades. The book deals primarily with standard to advanced problems of maintenance policies for system reliability models. System reliability can be mainly improved by repair and preventive maintenance, and replacement, and reliability properties can be investigated by using stochastic process techniques. The optimum maintenance policies for systems that minimize or maximize appropriate objective functions under suitable conditions are discussed both analytically and practically. The book is composed of nine chapters. Chapter 1 is devoted to an introduction to reliability theory, and briefly reviews stochastic processes needed for reliability and maintenance theory. Chapter 2 summarizes the results of repair maintenance, which is the most basic maintenance in reliability. The repair maintenance of systems such as the one-unit system and multiple-unit redundant systems is treated. Chapters 3 through 5 summarize the results of three typical maintenance policies of age, periodic, and block replacements.

Developments in Design Research and Practice Best Papers from 10th Senses and Sensibility 2019: Lost in (G)localization Springer This book reports on innovative research and practices in contemporary design, showing how to integrate different concepts and discussing the emerging role of design in different field, its meaning for humans and citizens, at both local and global level. Gathering the best papers from Senses & Sensibility, held in 2019 in Lisbon, Portugal, it highlights the role of design in fostering education, physical and social wellbeing, industrial innovation and cultural preservation, as well as inclusivity, sustainability and communication in a global, digital world.

Information Modelling and Knowledge Bases XXIII IOS Press Information modelling and knowledge bases have become hot topics, not only in academic communities concerned with information systems and computer science, but also wherever information technology is applied in the world of business. This book presents the proceedings of the 21st European-Japanese Conference on Information Modelling and Knowledge Bases (EJC 2011), held in Tallinn, Estonia, in June 2011. The EJC conferences provide a worldwide forum for researchers and practitioners in the field to exchange results and experiences achieved in computer science and related disciplines such as conceptual analysis, design and specification of information systems, multimedia information modelling, multimedia systems, software engineering, knowledge and process management, cross cultural communication and context modelling. Attention is also paid to theoretical disciplines including cognitive science, artificial intelligence, logic, linguistics and analytical philosophy. The selected papers (16 full papers, 9 short papers, 2

papers based on panel sessions and 2 on invited presentations), cover a wide range of topics, including database semantics, knowledge representation, software engineering, www information management, context-based information retrieval, ontology, image databases, temporal and spatial databases, document data management, process management, cultural modelling and many others. Covering many aspects of system modelling and optimization, this book will be of interest to all those working in the field of information modelling and knowledge bases. **Nursing Knowledge and Theory Innovation Advancing the Science of Practice** Springer Publishing Company "This is an excellent addition to the nursing theory literature and one that focuses on the needs of the new DNP role and knowledge development. As the preface states, it encourages the development of 'theory for practice in practice,' and could help to close the divide that exists between theorists/researchers/academics and practice." Score: 97, 5 stars--Doody's The current paradigm of nursing knowledge suggests theory is developed outside of practice, then handed down to the practitioner to practice. This unique text is for students and faculty at the DNP level to engage in developing nursing theory in order to directly guide and improve practice. The content in this book provides strategies for scholarly practice as well as theories for students to develop or modify to fit into their own practice. This book guides students in learning to think in a new way about nursing theory development as it relates to nursing practice. This book provides graduate nursing students with a guide for practice, presents new perspectives and insights that may arise from frustrating clinical problems, and gives students the opportunity to rethink and reformulate existing theory. Key Features: Provides teachers and nursing students with information about the development and use of theory to improve nursing practice Includes glossary of key terms for reference Presents discussion questions and activities to stimulate thinking Identifies reflection points in selected chapters to help students assimilate the content and relate it to their own work **Creativity Under Duress in Education? Resistive Theories, Practices, and Actions** Springer Creativity Under Duress in Education? introduces a new framework—creativity under duress in education. Leading creativity researchers and educational scholars discuss creative theory and practice from an educational lens that is provocative. Across international contexts, this book combines insights from creativity and educational research; rich illustrations from classrooms, schools, and other professional settings, and practical ideas and strategies for how anyone invested in education can support creative teaching and learning. Readers will encounter diverse perspectives from an international cast of authors exploring cutting-edge ideas for creativity and innovation as a foremost priority for economies in the new millennium. At the same time, they consider forces of authority, control, and constraint that impact creative education and innovation within educational systems, extending to the professions. Educators and those interested in the future of education are vitally important to this conversation around research-based and practical analyses of creativity in and beyond the classroom. Addressed are these major issues: (1) creativity frameworks of theory and action in education, (2) research investigations into creativity and education, and (3) applications of creativity theory in real-world practice. Dynamic, this book presents a bridge between draconian contexts of assessment and explosive creativity in diverse places. A key contribution of the volume is its validation and promotion of creativity and innovation for students, teachers, professors, leaders, employers, policymakers, and others seeking ways to profoundly improve learning and transform education. In tackling the seemingly irreconcilable issues of creativity and accountability in K-12 institutions, higher education, and policy circles, worldwide, this work offers a message that is both cautionary and inspiring. Book editor Carol A. Mullen, PhD, is Professor of Educational Leadership at Virginia Tech, Virginia, USA. A twice-awarded Fulbright Scholar to China (2015) and Canada (2017), she was honored with the 2016 Jay D. Scribner Mentoring Award from the University Council for Educational Administration. She is author of *Creativity and Education in China* (2017) and co-editor of *Education policy perils* (2016). **Entrepreneurship and Innovation Theory, Practice and Context** Springer Nature This book provides an overview of the theory, practice and context of entrepreneurship and innovation at both the industry and firm level. It provides a foundation of ideas and understandings designed to shape the reader's thinking and behaviour to better appreciate the role of innovation and entrepreneurship in modern economies, and to recognise their own abilities in this regard. The book is aimed at students studying advanced levels of entrepreneurship, innovation and related fields as well as practitioners (for example, managers, business owners). As entrepreneurship and innovation are largely indivisible elements and cannot be adequately understood if studied separately, the book provides the reader with an overview of these elements and how they combine to create new value in the market. This edition is updated with recent international research, including research and examples from Europe, the US, and the Asia-Pacific region.