

Inference Bain Engelhardt Solutions Bing Sdir

The Big Data-Driven Digital Economy: Artificial and Computational Intelligence

This book shows digital economy has become one of the most sought out solutions to sustainable development and economic growth of nations. This book discusses the implications of both artificial intelligence and computational intelligence in the digital economy providing a holistic view on AI education, economics, finance, sustainability, ethics, governance, cybersecurity, blockchain, and knowledge management. Unlike other books, this book brings together two important areas, intelligence systems and big data in the digital economy, with special attention given to the opportunities, challenges, for education, business growth, and economic progression of nations. The chapters hereby focus on how societies can take advantage and manage data, as well as the limitations they face due to the complexity of resources in the form of digital data and the intelligence which will support economists, financial managers, engineers, ICT specialists, digital managers, data managers, policymakers, regulators, researchers, academics, students, economic development strategies, and the efforts made by the UN towards achieving their sustainability goals.

Suspect Identities

"Cole excavates the forgotten and hidden history of criminal identification--from photography to exotic anthropometric systems based on measuring body parts, from fingerprinting to DNA typing"--Jacket.

COVID-19 and Education

Topics include work-integrated learning (internships), student well-being, and students with disabilities. Also, it explores the impact on assessments and academic integrity and what analysis of online systems tells us. Preface ix Section I: Introduction 1 Chapter 1: COVID-19 Emergency Education Policy and Learning Loss: A Comparative Study 3 Athena Vongalis-Macrow, Denise De Souza, Clare Littleton, Anna Sekhar Section II: Student and Teacher Perspectives 27 Chapter 2: Classrooms Going Digital – Evaluating Online Presence Through Students’ Perception Using Community of Inquiry Framework 29 Hiep Cong Pham, Phuong Ai Hoang, Duy Khanh Pham, Nguyen Hoang Thuan, Minh Nhat Nguyen Chapter 3: A Study of Music Education, Singing, and Social Distancing during the COVID-19 Pandemic: Perspectives of Music Teachers and Their Students in Hong Kong, China 51 Wai-Chung Ho Hong Kong Baptist University Chapter 4: The Architectural Design Studio During a Pandemic: A Hybrid Pedagogy of Virtual and Experiential Learning 75 Cecilia De Marinis, Ross T. Smith Chapter 5: Enhancing Online Education with Intelligent Discussion Tools 97 Jake Renzella, Laura Tubino, Andrew Cain, Jean-Guy Schneider Section III: Student Experience 115 Chapter 6: Australian Higher Education Student Perspectives on Emergency Remote Teaching During the COVID-19 Pandemic 117 Christopher Cheong, Justin Filippou, France Cheong, Gillian Vesty, Viktor Arity Chapter 7: Online Learning and Engagement with the Business Practices During Pandemic 151 Aida Ghalebeigi, Ehsan Gharai Chapter 8: Effects of an Emergency Transition to Online Learning in Higher Education in Mexico 165 Deon Victoria Heffington, Vladimir Veniamin Cabañas Victoria Chapter 9: Factors Affecting the Quality of E-Learning During the COVID-19 Pandemic From the Perspective of Higher Education Students 189 Kesavan Vadakalur Elumalai, Jayendra P Sankar, Kalaichelvi R, Jeena Ann John, Nidhi Menon, Mufleh Salem M Alqahtani, May Abdulaziz Abumelha Disabilities 213 Chapter 10: Learning and Working Online During the COVID-19 Pandemic: A Wellbeing Literacy Perspective on Work Integrated Learning Students 215 Nancy An, Gillian Vesty, Christopher Cheong Chapter 11: Hands-on Learning in a Hands-off World: Project-Based Learning as a Method of Student Engagement and Support During the COVID-19 Crisis .. 245 Nicole A. Suarez, Ephemeral Roshdy, Dana V. Bakke, Andrea A. Chiba, Leanne Chukoskie Chapter 12: Positive and Contemplative Pedagogies: A Holistic Educational Approach to Student Learning and Well-being 265 Sandy Fitzgerald (née Ng) Chapter 13: Taking Advantage of New Opportunities Afforded by the COVID-19 Pandemic: A Case Study in Responsive and Dynamic Library and Information Science Work Integrated Learning 297 Jessie Lymn, Suzanne Pasanai Chapter 14: Online Learning for Students with Disabilities During COVID-19 Lockdown 313 Mark Taylor Section V: Teacher Practice 331 Chapter 15: From Impossibility to Necessity: Reflections on Moving to Emergency Remote University Teaching During COVID-19 333 Mikko Rajanen Chapter 16: Business (Teaching) as Usual Amid the COVID-19 Pandemic: A Case Study of Online Teaching Practice in Hong Kong 355 Tsz Kit Ng, Rebecca Reynolds, Man Yi (Helen) Chan, Xiu Han Li, Samuel Kai Wah Chu Chapter 17: Secondary School Language Teachers’ Online Learning Engagement during the COVID-19 Pandemic in Indonesia 385 Imelda Gozali, Anita Lie, Siti Mina Tamah, Katarina Retno Triwidayati, Tresiana Sari Diah Utami, Fransiskus Jemadi Chapter 18: Riding the COVID-19 Wave: Online Learning Activities for a Field-based Marine Science Unit 415 PF

Francis Section VI: Assessment and Academic Integrity 429 Chapter 19: Student Academic Integrity in Online Learning in Higher Education in the Era of COVID-19 431 Carolyn Augusta, Robert D. E. Henderson Chapter 20: Assessing Mathematics During COVID-19 Times 447 Simon James, Kerri Morgan, Guillermo Pineda-Villavicencio, Laura Tubino Chapter 21: Preparedness of Institutions of Higher Education for Assessment in Virtual Learning Environments During the COVID-19 Lockdown: Evidence of Bona Fide Challenges and Pragmatic Solutions 465 Talha Sharadgah, Rami Sa'di Section VII: Social Media, Analytics, and Systems 487 Chapter 22: Learning Disrupted: A Comparison of Two Consecutive Student Cohorts 489 Peter Vitartas, Peter Matheis Chapter 23: What Twitter Tells Us about Online Education During the COVID-19 Pandemic 503 Sa Liu, Jason R Harron

The Principia

Now a major motion picture nominated for nine Academy Awards. Narrative of Solomon Northup, a Citizen of New-York, Kidnapped in Washington City in 1841, and Rescued in 1853. Twelve Years a Slave by Solomon Northup is a memoir of a black man who was born free in New York state but kidnapped, sold into slavery and kept in bondage for 12 years in Louisiana before the American Civil War. He provided details of slave markets in Washington, DC, as well as describing at length cotton cultivation on major plantations in Louisiana.

Twelve Years a Slave

This book brings together into one edited volume the most compelling rationales for literary reading and health, the best current practices in this area and state of the art research methodologies. It consolidates the findings and insights of this burgeoning field of enquiry across diverse disciplines and groups: psychologists, neurologists, and social scientists; literary scholars, writers and philosophers; medical researchers and practitioners; reading charities and arts organisations. Following introductory chapters on the literary-historical background to reading and health, the book is divided into four key sections. The first part focuses on Practices, showcasing reading interventions and cultures in clinical and community mental health care and in secure settings. This is followed by Research Methodologies, featuring innovative qualitative and quantitative approaches, and by a section covering Theory, with chapters from eminent thinkers in psychiatry, psychology and psychoanalysis. The final part is concerned with Implementation, incorporating perspectives from health professionals, commissioners and reading practitioners. This innovate work explains why reading matters in health and wellbeing, and offers a foundational text to future scholars in the field and to health professionals and policy-makers in relation to the embedding of reading practices in professional health care.

Reading and Mental Health

This book reviews the concept, contemporary research efforts and the implementation of Integrated Water Resources Management (IWRM). The IWRM concept was established as an international guiding water management paradigm in the early 1990ies and has become a vital approach to solving the problems associated with the topic of water. The book summarizes fourteen comprehensive IWRM research projects with worldwide coverage and analyses their motivations, settings, approaches and implementation of results. Aiming to be an up-to-date interdisciplinary scientific reference, this book provides a comprehensive theoretical and empirical analysis of contemporary IWRM research, examples of science based implementations and a synthesis of the lessons learnt. It concludes with some major future challenges, the solving of which will further strengthen the IWRM concept.

Integrated Water Resources Management: Concept, Research and Implementation

This book discusses critical areas of progress in stem cell research, including the most recent research and applications of pluripotent embryonic cells, induced pluripotent cells, oligopotent tissue stem cells and cancer stem cells. The text covers basic knowledge of stem cell biology, stem cell ethics, development of techniques for applying stem cell therapy, the technology of obtaining appropriate cells for transplantation as well as the role of stem cells in cancer and how therapy may be directed to cancer stem cells. This new volume is essential reading for all scientists currently in the field or allied research areas, and those for those graduate students who envision a career in stem cells.

Stem Cells Handbook

Reviewing over a century of aspirin research and use, Aspirin and Related Drugs provides a comprehensive source of information on the history, chemistry, absorption in the body, therapeutic effects, toxicology, elimination, and future uses of aspirin. Highlighting the historical evolution of the salicylates and the commercial development of

Aspirin and Related Drugs

This new text provides students the knowledge and skills they will need to compete for and succeed in the information security roles they will encounter straight out of college. This is accomplished by providing a hands-on immersion in essential system administration, service and application installation and configuration, security tool use, TIG implementation and reporting. It is designed for an introductory course on IS Security offered usually as an elective in IS departments in 2 and 4 year schools. It is not designed for security certification courses.

Information Security and IT Risk Management

Beginning with the basics of lactic acid bacteria and stress response, then working into specific fields of research and current developments, Stress Responses of Lactic Acid Bacteria will serve as an essential guidebook to researchers in the field, industry professionals, and advanced students in the area. The exploration of stress responses in lactic acid bacteria began in the early 90s and revealed the differences that exist between LAB and the classical model microorganisms. A considerable amount of work has been performed on the main genera / species of LAB regarding the genes implicated and their actual role and regulation, and the mechanisms of stress resistance have also been elucidated. Recent genome and transcriptome analyses complement the proteome and genetic information available today and shed a new light on the perception of and the responses to stress by lactic acid bacteria.

Stress Responses of Lactic Acid Bacteria

Historians of the postwar transformation of science have focused largely on the physical sciences, especially the relation of science to the military funding agencies. In *Shaping Biology*, Toby A. Appel brings attention to the National Science Foundation and federal patronage of the biological sciences. Scientists by training, NSF biologists hoped in the 1950s that the new agency would become the federal government's chief patron for basic research in biology, the only agency to fund the entire range of biology—from molecules to natural history museums—for its own sake. Appel traces how this vision emerged and developed over the next two and a half decades, from the activities of NSF's Division of Biological and Medical Sciences, founded in 1952, through the cold war expansion of the 1950s and 1960s and the constraints of the Vietnam War era, to its reorganization out of existence in 1975. This history of NSF highlights fundamental tensions in science policy that remain relevant today: the pull between basic and applied science; funding individuals versus funding departments or institutions; elitism versus distributive policies of funding; issues of red tape and accountability. In this NSF-funded study, Appel explores how the agency developed, how it worked, and what difference it made in shaping modern biology in the United States. Based on formerly untapped archival sources as well as on interviews of participants, and building upon prior historical literature, *Shaping Biology* covers new ground and raises significant issues for further research on postwar biology and on federal funding of science in general.

Annual Report and Balance Sheet

COVID-19 is the most significant global crisis of any of our lifetimes. The numbers have been stupefying, whether of infection and mortality, the scale of public health measures, or the economic consequences of shutdown. *Coronavirus Politics* identifies key threads in the global comparative discussion that continue to shed light on COVID-19 and shape debates about what it means for scholarship in health and comparative politics. Editors Scott L. Greer, Elizabeth J. King, Elize Massard da Fonseca, and André Peralta-Santos bring together over 30 authors versed in politics and the health issues in order to understand the health policy decisions, the public health interventions, the social policy decisions, their interactions, and the reasons. The book's coverage is global, with a wide range of key and exemplary countries, and contains a mixture of comparative, thematic, and templated country studies. All go beyond reporting and monitoring to develop explanations that draw on the authors' expertise while engaging in structured conversations across the book.

The Last of the Icelandic Commonwealth

Examines the development, structure, and function of the cell.

Shaping Biology

This book is about the UN's role in housing, land, and property rights in countries after violent conflict.

Coronavirus Politics

McTaggart's argument for the unreality of time, first published in 1908, set the agenda for 20th-century philosophy of time. Yet there is very little agreement on what it actually says—nobody agrees with the conclusion, but still everybody finds something important in it. This book presents the first critical overview of the last century of debate on what is popularly called \"McTaggart's Paradox\". Scholars have long assumed that McTaggart's argument stands alone and does not rely on any contentious ontological principles. The author demonstrates that these assumptions

are incorrect—McTaggart himself explicitly claimed his argument to be dependent on the ontological principles that form the basis of his idealist metaphysics. The result is that scholars have proceeded to understand the argument on the basis of their own metaphysical assumptions, duly arriving at very different interpretations. This book offers an alternative reading of McTaggart's argument, and at the same time explains why other commentators arrive at their mutually incompatible interpretations. It will be of interest to students and scholars with an interest in the philosophy of time and other areas of contemporary metaphysics.

The Cell

A re-evaluation of Boyle in the light of new evidence of his tortured religious life and his difficult relations with his contemporaries.

Housing, Land, and Property Rights in Post-Conflict United Nations and Other Peace Operations

At the conclusion of World War II, Asia was hardly more than a geographic expression. Yet today we recognize Asia as a vibrant and assertive region, fully transformed from the vulnerable nation-states that emerged following the Second World War. The transformation was by no means an inevitable one, but the product of two key themes that have dominated Asia's international relations since 1945: the competition between the United States and the Soviet Union to enlist the region's states as assets in the Cold War, and the struggle of nationalistic Asian leaders to develop the domestic support to maintain power and independence in a dangerous international context. *Becoming Asia* provides a comprehensive, systemic account of how these themes played out in Asian affairs during the postwar years, covering not only East Asia, but South and Central Asia as well. In addition to exploring the interplay between nationalism and Cold War bipolarity during the first postwar decades, authors Alice Lyman Miller and Richard Wich chart the rise of largely export-led economies that are increasingly making the region the global center of gravity, and document efforts in the ongoing search for regional integration. The book also traces the origins and evolution of deep-rooted issues that remain high on the international agenda, such as the Taiwan question, the division of Korea and the threat of nuclear proliferation, the Kashmir issue, and the nuclearized Indian-Pakistani conflict, and offers an account of the rise of China and its implications for regional and global security and prosperity. Primary documents excerpted throughout the text—such as leaders' talks and speeches, international agreements, secret policy assessments—enrich accounts of events, offering readers insight into policymakers' assumptions and perceptions at the time.

Record of Current Educational Publications

A major contribution to the debates about Heidegger and ethics.

American Druggist and Pharmaceutical Record

Today's moviegoers and critics generally consider some Hollywood products--even some blockbusters--to be legitimate works of art. But during the first half century of motion pictures very few Americans would have thought to call an American movie \"art.\" Up through the 1950s, American movies were regarded as a form of popular, even lower-class, entertainment. By the 1960s and 1970s, however, viewers were regularly judging Hollywood films by artistic criteria previously applied only to high art forms. In *Hollywood Highbrow*, Shyon Baumann for the first time tells how social and cultural forces radically changed the public's perceptions of American movies just as those forces were radically changing the movies themselves. The development in the United States of an appreciation of film as an art was, Baumann shows, the product of large changes in Hollywood and American society as a whole. With the postwar rise of television, American movie audiences shrank dramatically and Hollywood responded by appealing to richer and more educated viewers. Around the same time, European ideas about the director as artist, an easing of censorship, and the development of art-house cinemas, film festivals, and the academic field of film studies encouraged the idea that some American movies--and not just European ones--deserved to be considered art.

The Consumer Protection & Environmental Health Service

The concept of 'Natural Capital' has come to play a central role in current debates about biodiversity and nature conservation. It implies an approach to the natural world based on the valuation of places and species in terms of money. This is, in a variety of ways, both attractive and problematic. This edited collection comprehensively discusses the issues raised by the concept of 'Natural Capital', with contributors presenting not only arguments for and against the widespread adoption of the idea, but also viewpoints arguing for nuanced, pragmatic and middle-ground positions.

The Origin of the Knowledge of Right and Wrong

The Elder or Poetic Edda of Saemun Sigfusson, bi-lingual side-by-side edition with illustrations.

McTaggart's Paradox

This is the first comprehensive reference work to cover the entire domain of “Gnosis and Western Esotericism” from Late Antiquity to the present. It contains critical discussions of all its major authors, currents and manifestations, from Gnosticism to the New Age.This one volume edition is an unabridged version of the two volume edition published in 2005.

Robert Boyle, 1627-91

Dear Black Girls is a letter to all Black girls. Every day poet and educator Shanice Nicole is reminded of how special Black girls are and of how lucky she is to be one. Illustrations by Kezna Dalz support the book's message that no two Black girls are the same but they are all special--that to be a Black girl is a true gift. In this celebratory poem, Kezna and Shanice remind young readers that despite differences, they all deserve to be loved just the way they are.

A Series of Plays

I took a three-year break from work to explore the topic of peace, love, and success. I spent the time analyzing my thoughts and the effects my thoughts had on my emotional state of mind. The things I found out were quite intriguing. I came to the realization that many of us are not living to our full potential. We live with a measured joy. We keep our happiness in check. Our smiles are met with a restriction from our breath, which makes it short-lived. We seldom breathe fully because our breath is interrupted by the depth of our thoughts. We never really let go fully. We are bound by layers of chains that have entangled our thinkingchains from an uncertain future, chains of work, chains of relationships, chains of our finances, too many chains to mention. My time away from work gave me the opportunity to explore how to break the chains. I admit that even a broken chain is not permanently broken but can be easily reunited if old habits are not changed. My book focuses on the actions we can take to break chains and keep them broken. My book explores how our thoughts control our destiny. It teaches thought control and the importance of silence. It teaches how to overcome fear, anger, negative thoughts, stress, and hatred. You will learn how to nurture your emotions, embrace moments, and the importance of spiritual peace. I will teach you how to live in thankfulness, with compassion, while activating love.

National Survey of Secondary Education

Curious about the world of obstetrics and gynecology? Want to know why a future doctor would want to specialize in gynecology? Or perhaps you'd just like a peek behind the curtain, so to speak -- and to hear some OBGYN secrets. If you're intrigued by any of these topics, or just want to know about women's health from an OBGYN who tells it like it is, this book is for you. \"Confessions of a Male Gynecologist\" reveals not only what your gynecologist is thinking when your feet are in the stirrups, but provides women with some frank advice. Dr. Bellanger provides readers with an education, gets on his high horse, and shares some unbelievable (and in many cases), \"laugh-out-loud\" stories. Here's what readers have to say ... \"... full of insights you had no idea you wanted to know.\" \"... informational, educational, and at times downright hysterical\" \"... answers all the questions you've ever had about your gynecologist\" \"... an entertaining experience.\" \"... an insightful look into the complexity and realities of not only women's health, but the state of our health care system today.\"

Becoming Asia

To uphold family honor and tradition, Sheetal Prasad is forced to forsake the man she loves and marry playboy millionaire Rakesh Dhanraj while the citizens of Raigun, India, watch in envy. On her wedding night, however, Sheetal quickly learns that the stranger she married is as cold as the marble floors of the Dhanraj mansion. Forced to smile at family members and cameras and pretend there's nothing wrong with her marriage, Sheetal begins to discover that the family she married into harbors secrets, lies and deceptions powerful enough to tear apart her world. With no one to rely on and no escape, Sheetal must ally with her husband in an attempt to protect her infant son from the tyranny of his family.sion.

Heidegger and the Ground of Ethics

In these highly competitive times and with so many technological advancements, it is impossible for any industry to remain isolated and untouched by innovations. In this era of digital economy, the banking sector cannot exist and operate without the various digital tools offered by the ever new innovations happening in the field of Artificial Intelligence (AI) and its sub-set technologies. New technologies have enabled incredible progression in the finance industry. Artificial Intelligence (AI) and Machine Learning (ML) have provided the investors and customers with more innovative tools, new types of financial products and a new potential for growth.According to Cathy Bessant (the Chief Operations and Technology Officer, Bank of America), AI is not just a technology discussion. It is also a discussion about data and how it is used and protected. She says, \"In a world focused on using AI in new ways,

we're focused on using it wisely and responsibly.\"

Hollywood Highbrow

The St. James Encyclopedia Of Popular Culture, 2nd ed., updates and augments the over ten-year-old first edition. It includes 3,036 signed essays (300 of them new), alphabetically arranged, and written or reviewed by subject experts and edited to form a consistent, readable, and straightforward reference. The entries cover topics and persons in major areas of popular culture: film; music; print culture; social life; sports; television and radio; and art and performance (which include theater, dance, stand-up comedy, and other live performance). The entries analyze each topic or person's significance in and relevance to American popular culture; in addition to basic factual information, readers will gain perspective on the cultural context in which the topic or person has importance.

Escaping from Germany

Debating Nature's Value

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