

NASSDOC Research Information Series: 1



NEW ARRIVALS

**List of New Additions with Summaries
September 2023**



**Indian Council of Social Science Research
National Social Science Documentation Centre
35, Ferozeshah Road
New Delhi – 110001**

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New Arrivals: List of New Additions with Summaries/ Compiled
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Foreword

The current issue of “New Arrivals: List of New Additions with Summaries” contains a list of New Books that were processed in the month of September 2023 and are available for use in the National Social Science Documentation Centre of ICSSR. In the main text, entries are arranged by the title, followed by bibliographical details and a summary of the document. For easy retrieval Author and Keyword Index are also given at the end where the number in front of the Author or Keyword denotes the serial number of the entry in the main list of New Additions. Interested readers can consult the listed titles by visiting the library.

Suggestions are always welcome.

Ramesh Yernagula
Director (Documentation)
NASSDOC

S. No	Title and Other Details	Acc. No
1	<p>Actualizing human rights: global inequality, future people, and motivation/ Philips, Joseph Pieter Mathijs - CRC Press: UK, 2022; 132p.</p> <p>This book argues that ultimately human rights can be actualized, in two senses. By answering important challenges to them, the real-world relevance of human rights can be brought out; and people worldwide can be motivated as needed for realizing human rights. Taking a perspective from moral and political philosophy, the book focuses on two challenges to human rights that have until now received little attention, but that need to be addressed if human rights are to remain plausible as a global ideal. Firstly, the challenge of global inequality: how, if at all, can one be sincerely committed to human rights in a structurally greatly unequal world that produces widespread inequalities of human rights protection? Secondly, the challenge of future people: how to adequately include future people in human rights, and how to set adequate priorities between the present and the future, especially in times of climate change? The book also asks whether people worldwide can be motivated to do what it takes to realize human rights. Furthermore, it considers the common and prominent challenges of relativism and of the political abuse of human rights. This book will be of key interest to scholars and students of human rights, political philosophy, and more broadly political theory, philosophy and the wider social sciences.</p>	52762
2	<p>ANOVA and mixed models: a short introduction using R/ Meier, Lukas, - CRC: UK, 2023; 187p.</p> <p>This book is primarily aimed at students, researchers, and practitioners from all areas who wish to analyze corresponding data with R. Readers will learn a broad array of models hand-in-hand with R, including the application of some of the most important add-on packages A Short Introduction Using R provides both the practitioner and the researcher with a compact introduction to the analysis of data from the most popular experimental designs. Based on knowledge from an introductory course on probability and statistics, the theoretical foundations of the most important models are introduced. The focus is on an intuitive understanding of the theory, common pitfalls in practice, and the application of the methods in R. From data visualization,</p>	52800

model fitting, up to the interpretation of the corresponding output, the whole workflow is presented using R. The book does not only cover standard ANOVA models, but also models for more advanced designs and mixed models, which are common in many practical applications. Features Accessible to readers with a basic background in probability and statistics Covers fundamental concepts of experimental design and cause-effect relationships Introduces classical ANOVA models, including contrasts and multiple testing Provides an example-based introduction to mixed models Features basic concepts of split-plot and incomplete block designs R code available for all steps Supplementary website with additional resources and updates

- 3 Artificial intelligence for cognitive modeling: theory and practice/ Dutta, Pijush - **52794**
CRC Press: Boca Raton, 2023; xxi, 272p.

This book offers a comprehensive overview of the latest developments in materials for efficient and sustainable energy applications, including energy conversion, storage, and smart applications. The book discusses a wide range of material types, such as nanomaterials, carbonaceous electrocatalysts and electrolytes, thin films, phase change materials, 2D energy materials, triboelectric materials, and membrane materials. Applications described include flexible energy storage devices, sensors, energy storage batteries, fuel and solar cells, photocatalytic wastewater treatment, and more. The book is aimed at researchers and technologists working to solve alternative energy issues"--

- 4 Artificial intelligence: an introduction for the inquisitive reader/ Chen, Robert H - **52799**
CRC: UK, 2022; xii, 344p.

This book is an Introduction for the Inquisitive Reader guides readers through the history and development of AI, from its early mathematical beginnings through to the exciting possibilities of its potential future applications. To make this journey as accessible as possible, the authors build their narrative around accounts of some of the more popular and well-known demonstrations of artificial intelligence including Deep Blue, AlphaGo and even Texas Hold'em, followed by their historical background, so that AI can be seen as a natural development of mathematics and computer science. As the book moves forward, more technical descriptions are

presented at a pace that should be suitable for all levels of readers, gradually building a broad and reasonably deep understanding and appreciation for the basic mathematics, physics, and computer science that is rapidly developing artificial intelligence as it is today. Features Only mathematical prerequisite is an elementary knowledge of calculus Accessible to anyone with an interest in AI and its mathematics and computer science Suitable as a supplementary reading for a course in AI or the History of Mathematics and Computer Science in regard to artificial intelligence.

- 5** Biometry for forestry and environmental data with examples in R/ Mehtätalo, Lauri **52801**
- Routledge: New York, 2022; 424p.

The book is aimed at students and researchers in forestry and environmental studies, but it will also be of interest to statisticians and researchers in other fields as well. Biometry for Forestry and Environmental Data: With Examples in R focuses on forestry methods that are widely applicable in forestry and environmental sciences, but it also includes material that is of wider interest.

- 6** Carbon-based conductive polymer composites: processing, properties, and applications in flexible strain sensors/ Xiang, Dong - CRC Press: Boca Raton, 2023; xiii, 161p. **52787**

This book summarizes recent remarkable achievements in the processing-structure-property relationship of conductive polymer composites based on carbon nanomaterials. It also discusses research developments for their application in flexible strain sensors and novel processing methods like additive manufacturing. This work is written for materials scientists and engineers researching and applying these advanced materials. Conductive polymer composites based on carbon nanomaterials are finding increasing applications in aerospace, automotive and electronic industries when flexibility or light weight is required.

- 7** Climate change and ecosystems: challenges to sustainable development/ Fahad, Shah (ed) Adnan, Muhammad (ed) Saud, Shah...[et al.] (ed) - CRC Press: Bota Racon, 2023; xv, 262p. **52789**

This book is intended to serve as a stimulating collection that will contribute to debate and reflection on the sustainable future of agriculture and food production in the face of global change. Features: Brings together a multidimensional group of international scholars exploring the ethical dimensions of climate change and ecosystem. New strategies have pointed in this book for the better sustainable development. Design to cater a good overview of major challenges facing policy makers, researchers and ultimately humankind in dealing with climate change. This book summarizes the diverse features of vulnerability, adaptation, and amelioration of climate change in respect to plants, crops, soil, and microbes for the sustainability of the agricultural sector and, ultimately, food security for the future. Provide a state-of-the-art description of the physiological, biochemical, and molecular status of the understanding of abiotic stress in plants

- 8** Cloud Computing: Concepts and Technologies/ Manvi, Sunilkumar - CRC: UK, 2021; 350p. **52795**

This book covers the multi-core architectures, distributed and parallel computing models, virtualization, cloud developments, workload and Service-Level-Agreements (SLA) in cloud, workload management. Further, resource management issues in cloud with regard to resource provisioning, resource allocation, resource mapping and resource adaptation, ethical, non-ethical and security issues in cloud are followed by discussion of open challenges and future directions. Comprehensive and timely, Cloud Computing: Concepts and Technologies offers a thorough and detailed description of cloud computing concepts, architectures, and technologies, along with guidance on the best ways to understand and implement them.

- 9** Design thinking pedagogy: facilitating innovation and impact in tertiary education/ Wrigley, Cara - Routledge: London, 2022; **52777**

This book places design thinking as the catalyst to create change in the tertiary education sector and to build interdisciplinary skill sets that are required for the graduate of the future. By presenting a series of case studies and drawing on global experts in the field, this book investigates pedagogical approaches, disciplinary facilitation practice, curriculum integration, and a framework for understanding design thinking pedagogy within tertiary education. Focusing on how educational

institutions can produce innovative graduates with the ability to traverse disciplinary constraints, this book will be essential reading for research students, academics, and industry practitioners. The problems facing society today are complex, multifaceted, and require crossing multiple disciplinary boundaries. As such, these problems call for interdisciplinary collaboration, including new and different combinations of skills and knowledge. Currently, tertiary education providers are not well-positioned to develop these interdisciplinary capabilities at a rate commensurate with the speed of contemporary change.

- 10** Digitalization and economic development: insights from developing countries/ Ali, Mohamed Sami Ben (ed.) - Routledge: New York, 2022; 160p. **52751**

This book analyses the impact of Information and Communication Technologies (ICTs) on economic development. It contains theoretical and empirical studies, including panel studies on various issues facing developing countries, such as education, corruption, economic growth, government expenditure, financial inclusion, foreign direct investment, infrastructure, economic and social welfare, and inequality. Each chapter offers a well-conceived analysis of the most recent trends in both theory and empirics and addresses numerous policy implications related to the different aspects dealt with in the volume. Overall, this book will be an excellent guide for global graduate students at the Master and PhD levels, as well as academics researching various issues related to economic development while analyzing the role of ICTs. It also addresses numerous policy implications related to economic development for policymakers, investors and stakeholders.

- 11** Drag, interperformance, and the trouble with queerness/ Horowitz, Katie - Routledge: UK, 2020; xi, 122p. **52779**

The book uncovers rifts in the LGBT community and suggests strategies for repair. This is the story of the drag kings and queens at Bounce/Union Station, a gay bar in Cleveland, Ohio. Through an ethnography of their weekly shows, Katie Horowitz reveals that despite the shared heading of drag, radical (in) difference between these genres provides a window into the perennial rift between lesbians and gay men. Drag, Interperformance, and the Trouble with Queerness is the first book centered on queer life in Cleveland and the first to focus simultaneously on kinging and

queening. This important work argues for the legitimacy of studies that focus exclusively on a single identity, free from the intersectional compulsion to extrapolate one's claims to the rest of the queer spectrum. The book will be key reading for students and faculty in the interdisciplinary fields of feminist, gender, and sexuality studies; performance studies; American studies; cultural studies; ethnography; and rhetoric. It will be useful to graduate students and faculty interested in queer culture, gender performance, and the emerging field of transgender studies. At the same time, the clear and relatable writing style will make it accessible to undergraduates and well suited to upper-level courses in queer theory, LGBTQ identities, performance studies, and qualitative research methods"--

- 12** Economic evaluation of cancer drugs: using clinical trial and real-world data/ Khan, Iftekhhar - CRC: Florida, 2021; 416p. **52802**

The authors discuss how to perform cost-effectiveness analyses while emphasising the strategic importance of designing cost-effectiveness into cancer trials and building robust economic evaluation models that have a higher chance of reimbursement if truly cost-effective. They cover the use of real-world data using cancer registries and discuss how such data can support or complement clinical trials with limited follow up. Lessons learned from failed reimbursement attempts, factors predictive of successful reimbursement and the different payer requirements across major countries including US, Australia, Canada, UK, Germany, France and Italy are also discussed. The book includes many detailed practical examples, case studies and thought-provoking exercises for use in classroom and seminar discussions.

- 13** Electromagnetics control & Robotics: a problems & solutions approach/ Parthasarathy, Harish - Manakin Press: New Delhi, 2017; xvii, 603p. **52798**

This book is a research monograph covering a variety of problems in (a) statistical state and parameter estimation in nonlinear stochastic dynamical system in both the classical and quantum scenarios, propagation of electromagnetic waves in a plasma described by the Boltzmann Kinetic transport equation, classical and quantum general relativity etc. It will be of use to Engineering undergraduate students interested in analysing the motion of robotic subject to random perturbation and also

to research scientists working in quantum filtering and study problems of inhomogeneous perturbation to in a homogenous and isotropic universal leading to the formation of galaxies in an expanding universe.

- 14** Emerging technologies in computing: theory, practice, and advances/ Kumar, Pramod (ed), Sharmila, R (ed) , Tomar, Anuradha (ed) - CRC Press: Florida, 2022; xiv, 271p. **52796**

This book provides a clear overview for all those who have an interest in emerging computing technologies and their impacts on society. Emerging Technologies in Computing reviews the past, current, and future needs of emerging technologies in the computer science field, and discusses the importance of appropriate practices and advances, as well as their impact. It outlines principles, challenges and applications, as well as issues involved in the digital age. With the rapid development of technologies, it becomes increasingly crucial to remain up to date

- 15** Ethics of data and analytics: concepts and cases/ Martin, Kirsten - CRC: UK, 2022; xvii, 473p. **52797**

This book gives students a comprehensive overview of the latest technologies and guidance on cloud computing, and is ideal for those studying the subject in specific modules or advanced courses. It is designed in twelve chapters followed by laboratory setups and experiments. Each chapter has multiple choice questions with answers, as well as review questions and critical thinking questions. The chapters are practically-focused, meaning that the information will also be relevant and useful for professionals wanting an overview of the topic.

- 16** Europeanisation in teacher education: a comparative case study of teacher education policies and practices/ Symeonidis, Vasileios - Routledge: London, 2020; 236p. **52774**

This book explores the phenomenon and process of Europeanisation in the field of teacher education. Drawing on comparative case studies in Austria, Greece and Hungary, it examines empirical data and analyses key themes around the continuum of teacher education, the development of teacher competence frameworks, and the support to teacher educators. The book is the first of its kind to systematically research the landscape of European teacher education, exploring the interactions

between national and European influences in the trajectory of teacher education policy and practice. Chapters offer an original and in-depth understanding of European influences that draw on evidence from policy documents and interviews with relevant stakeholders. It argues that teacher education systems are being Europeanised, although at different speeds and directions for each country. Factors such as the socio-political and economic contexts, historical traits and policy actors' preferences at both national and institutional levels determine the translation process. This book will be of great interest for academics, educational researchers, practitioners and policymakers in Europe and beyond, informing wider discussions about the emerging European context in teacher education, education policy and what it means to be a European teacher.

- 17 Financialization, financial literacy, and social education/ Lucey, Thomas A (ed.) - 52752
Routledge: New York, 2022; xvii, 282p.

This book is to prompt a re-examination of financial literacy, its social foundations, and its relationship to citizenship education. The collection includes topics that concern indigenous people's perspectives, critical race theory, and transdisciplinary perspectives, which invite a dialogue about the ideologies that drive traditional and critical perspectives. This volume offers readers opportunities to learn about different views of financial literacy from a variety of sociological, historical and cultural perspectives. The reader may perceive financial literacy as representing a multifaceted concept best interpreted through a non-segregated lens. The volume includes chapters that describe groundings for revising standards, provide innovative teaching concepts, and offer unique sociological and historical perspectives. This book contains 13 chapters, with each one speaking to a distinctive topic that, taken as a whole, offers a well-rounded vision of financial literacy to benefit social education, its research, and teaching. Each chapter provides a response from an alternative view, and the reader can also access an eResource featuring the authors' rejoinders. It therefore offers contrasting visions about the nature and purpose of financial education. These dissimilar perspectives offer an opportunity for examining different social ideologies that may guide approaches to financial literacy and citizenship, along with the philosophies and principles that shape them. The principles that teach and inform about financial literacy defines the premises for base

personal and community responsibility. The work invites researchers and practitioners to reconsider financial literacy/financial education and its social foundations. The book will appeal to a range of students, academics and researchers across a number of disciplines, including economics, personal finance/personal economics, business ethics, citizenship, moral education, consumer education, and spiritual education

- 18** From study abroad to education abroad: language proficiency, intercultural competence, and diversity/ Goertler, Senta - Routledge: New York, 2021; viii, 281p. **52778**

This book presents the best practices for designing and sustaining study abroad programs to maximize the outcomes and benefits of education abroad for all students. Distilling the history, research, and variations of study abroad programs, Goertler and Schenker provide a clear-eyed analysis of the lessons learned and the common obstacles associated with education abroad. Organized in three parts-the state of education abroad in the U.S.; research on education abroad outcomes; and best practices-Goertler and Schenker demonstrate the benefits of long-term study abroad for the development of advanced language skills and intercultural competence, and the need for diversity in participation. Chapters offer theory-based, practice-proven recommendations to invigorate, innovate, and implement successful study abroad programs that are sustainable and ethically engage with the local community. The authors discuss design features to maximize language proficiency and intercultural competence. Grounded in up-to-date research and theory, the book responds to the challenges associated with long-term education abroad programs and provides recommendations on (re)invigorating long-term programs and diversifying participation in education abroad. From Study Abroad to Education Abroad is vital reading for academics, researchers and students in the fields of language education and education policy, as well as practitioners, such as language program coordinators and education abroad administrators"--

- 19** Gender and the sustainable development goals: infrastructure, empowerment and education/ Skjerven, Astrid (ed.) , Fordham, Maureen (ed.) .- : [S.L] , ; xii, 195p. **52780**

This book highlight the important and mostly neglected role that gender plays in achieving the UN Sustainable Development Goals, doing so by investigating three

key problem areas: empowerment, education and infrastructure. Starting with a theoretical and higher education higher education, this edited collection contains twelve chapters from scholars and researchers from around the world. The book includes numerous case studies discussing the current status of gender equality relating to the SDGs. It reinforces the significance of gender for sustainable and just development, highlighting how women play a major role in work organisation, disaster management, income, household maintenance and mediation of knowledge. "Women' as a classification encompasses much diversity with many intersecting axes of difference; this book focuses on the excluded and disadvantaged majority social group, without imposing homogeneity on that categorisation. Many chapters focus on critical situations occurring in the Global South, where these issues are highly prominent, and importantly these contributions are written by local scholars. Finally, the volume provides pathways for basic and professional gender responsive education and innovation in the field. The book will generate important discussions in interdisciplinary research and higher education settings focusing on sustainable development, gender, equality, human rights and education"--

- 20** Global studies/ Cai, Tuo - Routledge: London, 2020; 156p. **52763**
- This book introduces core concepts and critical issues, deploying globalization as a theoretical framework and redefining the interrelationship between politics, economics, law, and globality. The two volumes are an essential reference for scholars and students in politics, economics, international relations, and law. Since the 1950s, globalization has been an increasingly irresistible trend and one that has exerted a tremendous impact on the political, economic, military, environmental, and social fortunes of mankind - and yet, the existing theories in humanities and social sciences have been fundamentally built upon the traditional "nation-state" model. These two volumes, a pioneering work on global studies to be published out of China, aims at creating a new theoretical framework against the backdrop of globalization.
- 21** Globalizing political theory/ Rahman, Smita A (ed.) , Gordy, Katherine A (ed.) , **52764**
Deylami, Shirin (ed.) - CRC Press: New York, 2023; 224p.

This book is guided by the need to understand and examine political theory globally. It highlights the myriad ways in which political theory is deeply embedded in local networks of power, identity, and structure and how they converge and diverge with the global. With the help of this book, students of political theory no longer need to learn about their ideas in a vacuum with little or no attention paid to how such ideas are responses to varying local political problems in different places, times, and contexts. Key Features include: Central Conceptual Framework: Introducing readers to what it means to "globalize" political theory and to move beyond the traditional western canon and actively engage with a multiplicity of perspectives. Organization: Focused on key topics essential for an introductory class aimed at both globalizing political theory and showing how political theory itself is a globalizing activity. Themes: Colonialism and Empire, Gender and Sexuality, Religion and Secularism, Marxism and Socialism, Globalization and Capitalism, Democracy and Protest, and Race, Ethnicity, and Indigeneity Pedagogy: Each chapter features theoretical concepts and definitions, political and historical context, key authors and biographical context, textual evidence and exegesis from the foundational texts in that thematic area, a list of discussion questions, and a list of resources for further reading. Committed to a multiplicity of perspectives and an active engagement between the global and the local, Globalizing Political Theory connects directly with undergraduate and graduate-level courses in political theory, global political theory, and non-western political thought.

- 22** Green extraction in separation technology/ Asl, Ali Haghghi - CRC Press: Boca Raton, 2022; xi, 116p.

52785

This book fills that gap, serving as one of the first books to cover extracting with subcritical water as an environmentally friendly solvent. This monograph is aimed at researchers and advanced students in chemical and biochemical engineering. Subcritical water extraction (SWE) technology is more environmentally friendly and less expensive than conventional extraction methods. While experimental results on SWE technology have been published piecemeal, there has been a lack of a comprehensive review of the state of the art.

- 23** Green polymeric nanocomposites/ Jujjavarapu, Satya Eswari (ed) Poluri, Krishna Mohan (ed) - CRC Press: Boca Raton, 2020; 340p. **52791**

This book discusses environmentally friendly polymer nanocomposites and alternatives to traditional nanocomposites through detailed reviews of a variety of materials procured from different resources, their synthesis, and applications using alternative green approaches. The text: Describes green polymeric nanocomposites that show greater properties in terms of degradability, biocompatibility, synthesis process, cost effectiveness, mechanical strength, high surface area, nontoxicity, and environmental friendliness Explains the basics of eco-friendly polymer nanocomposites from different natural resources and their chemistry Discusses practical applications that present future directions in the biomedical, pharmaceutical, and automotive industries This book is aimed at scientists, researchers, and academics working in nanotechnology, biomaterials, polymer science, and those studying products derived from eco-friendly nanomaterials

- 24** Handbook of meta-analysis/ Schmid, Christopher H (ed) Stijnen, Theo (ed) , White, Ian R (ed) - CRC: UK, 2022; 570p. **52805**

This book is for a broad audience of graduate students, researchers, and practitioners interested in the theory and application of statistical methods for meta-analysis. It is written at the level of graduate courses in statistics, but will be of interest to and readable for quantitative scientists from a range of disciplines. The book can be used as a graduate level textbook, as a general reference for methods, or as an introduction to specialized topics using state-of-the art methods. Meta-analysis is the application of statistics to combine results from multiple studies and draw appropriate inferences. Its use and importance have exploded over the last 25 years as the need for a robust evidence base has become clear in many scientific areas, including medicine and health, social sciences, education, psychology, ecology, and economics. Recent years have seen an explosion of methods for handling complexities in meta-analysis, including explained and unexplained heterogeneity between studies, publication bias, and sparse data. At the same time, meta-analysis has been extended beyond simple two-group comparisons of continuous and binary outcomes to comparing and ranking the outcomes from multiple groups, to complex

observational studies, to assessing heterogeneity of effects, and to survival and multivariate outcomes. Many of these methods are statistically complex and are tailored to specific types of data.

- 25** Handbook of statistical methods for randomized controlled trials/ Kim, KyungMann (ed.), Bretz, Frank (ed.), Cheung, Ying Kuen ...[et al.] (ed.) - CRC Press: Boca Raton, 2021; xxxiii, 620p. **52803**

The Handbook of Statistical Methods for Randomized Controlled Trials presents these statistical concepts in a logical sequence from beginning to end and can be used as a textbook in a course or as a reference on statistical methods for randomized controlled trials. Statistical concepts provide scientific framework in experimental studies, including randomized controlled trials. In order to design, monitor, analyze and draw conclusions scientifically from such clinical trials, clinical investigators and statisticians should have a firm grasp of the requisite statistical concepts.

- 26** Hazards and safety in process industries: case studies/ Purkait, Mihir Kumar - CRC Press: Boca Raton, 2021; **52782**

The aim of this book is to elucidate the hazards and preventive measures for a few of such specific industrial processes. Starting with overview of the prevalent industrial accidents, types of hazards and safety provisions, the book contains nineteen chapters with each one of them consisting of a unique case study comprising of basic causes, results and discussion, and protective measures to be adopted to overcome such situation. Topics covered include caprolactam storage tank accident, fire explosion accident caused by static electricity, and human factors risk and management in process safety and so forth. Aimed at researchers, professionals, graduate students in Chemical Engineering, Safety Management, Risk Assessment, Chemical Process Safety, this book: Provides exhaustive coverage of industrial case studies on their hazards and safety issues in the process industry set-up. Includes quantitative discussion on new and existing technologies and methodologies. Explores high quality descriptive and quantified data for better visualization of each chapter. Gives detailed description on various industrial accidents, their related consequences and available safety/preventive measures.

Discusses preventive measures taken by world class industries in their production plants.

- 27** Higher education, state repression, and neoliberal reform in Nicaragua: reflections from a university under fire/ Bellanger, Wendi (ed.) , Cosgrove, Serena (ed.) , Silber, Irina Carlota (ed.) - Routledge: New York, 2023; xxiii, 195p. **52776**

This innovative book makes a key contribution to debates around the role of the university as a space of resistance by highlighting the liberatory practices undertaken to oppose dual pressures of state repression and neoliberal reform at the Universidad Centroamericana (UCA) in Nicaragua. Using a critical ethnographic approach to frame the experiences of faculty and students through vignettes, chapters present contextualized, analytical contributions from students, scholars, and university leaders to draw attention to the activism present within teaching, research, and administration while simultaneously calling attention to critical higher education and international solidarity as crucial means of maintaining academic freedom, university autonomy, oppositional knowledge production, and social outreach in higher education globally. This text will benefit researchers, students, and academics in the fields of higher education, educational policy and politics, and international and comparative education. Those interested in equality and human rights, Central America, and the themes of revolution and protest more broadly will also benefit from this volume. Wendi Bellanger is Provost and Academic Leader of the Universidad Centroamericana (UCA), Nicaragua. Serena Cosgrove is Faculty Coordinator of Seattle University's Central America Initiative and Associate Professor in International Studies at Seattle University, USA. Irina Carlota Silber is Professor of Anthropology at the City College of New York, USA.

- 28** Introduction to r for social scientists: a tidy programming approach/ Kennedy, Ryan **52806**
- Routledge: New York, 2021; 208p.

This book introduces the Tidy approach to programming in R for social science research to help quantitative researchers develop a modern technical toolbox. The Tidy approach is built around consistent syntax, common grammar, and stacked code, which contribute to clear, efficient programming. The authors include hundreds of lines of code to demonstrate a suite of techniques for developing and

debugging an efficient social science research workflow. To deepen the dedication to teaching Tidy best practices for conducting social science research in R, the authors include numerous examples using real world data including the American National Election Study and the World Indicators Data. While no prior experience in R is assumed, readers are expected to be acquainted with common social science research designs and terminology. Whether used as a reference manual or read from cover to cover, readers will be equipped with a deeper understanding of R and the Tidyverse, as well as a framework for how best to leverage these powerful tools to write tidy, efficient code for solving problems. To this end, the authors provide many suggestions for additional readings and tools to build on the concepts covered. They use all covered techniques in their own work as scholars and practitioners

- 29** Introduction to sustainable energy transformations/ Anglart, Henryk - CRC Press: , **52781**
2022; 386p.

This textbook provides an accessible introduction to various energy and their influences on the environment. Here the energy transformation is understood as any physical process induced by humans, in which energy is intentionally transformed from one form to another. This book provides an accessible introduction to the subject: covering the theory, principles of design, operation, and efficiency of the systems in addition to discerning concepts such as energy, entropy, exergy, efficiency, and sustainability. It is not assumed that readers have any previous exposure to such concepts as laws of thermodynamics, entropy, exergy, fluid mechanics or heat transfer, and is therefore an ideal textbook for advanced undergraduate students.

- 30** Introduction to time series modeling with applications in R/ Kitagawa, G - CRC: **52809**
UK, 2022; 340p.

This book reflects the extensive experience and significant contributions of the author to non-linear and non-Gaussian modeling. ... [It] is a valuable book, especially with its broad and accessible introduction of models in the state space framework. - Statistics in Medicine "What distinguishes this book from comparable introductory texts is the use of state space modeling. Along with this come a number of valuable tools for recursive filtering and smoothing including the Kalman filter, as well as

non-Gaussian and sequential Monte Carlo filters ... -MAA Reviews Introduction to Time Series Modeling: with Applications in R, Second Edition covers numerous stationary and nonstationary time series models and tools for estimating and utilizing them. The goal of this book is to enable readers to build their own models to understand, predict and discover for time series. The second edition makes it possible for readers to reproduce examples in this book by using the freely-available R package TSSS to perform computations for their own real-world time series problems. This book employs the state-space model as a generic tool for time series modeling and presents the Kalman filter, the non-Gaussian filter and the particle filter, as convenient tools for recursive estimation for state-space models. Further, it also takes a unified approach based on the entropy maximization principle and employs various methods of parameter estimation and model selection, including the least squares method, the maximum likelihood method, recursive estimation for state-space models, and model selection by AIC. Along with the standard stationary time series models, such as the AR and ARMA models, the book also introduces nonstationary time series models such as the locally stationary AR model, the trend model, the seasonal adjustment model, the time-varying coefficient AR model and nonlinear non-Gaussian state-space models. About the Author Genshiro Kitagawa is a project professor at the University of Tokyo, the former Director General of the Institute of Statistical Mathematics, and the former President of the Research Organization of Information and Systems.

- 31** Labour conflicts in the global south/ Andreas Bieler (ed.) and Jörg Nowak (ed.) - **52765**
Routledge: Oxon, 2022; x, 155p.

This volume systematically evaluates how the new forms of labour mobilization witnessed in the past ten years responded to the predominance of the informality-precarity complex of industrial relations and what conclusions can be drawn for potentially successful strategies against exploitation in the future. Can we identify a convergence of new approaches across the Global South, or do we witness an ongoing fragmentation of actors, models and strategies? In addressing this question, consideration is given to issues of class as well as gender and race. Against the background of the global economic crisis since 2007/2008 and increasing inequality across the world, the Global South has experienced widespread, large-scale

industrial action, including in countries such as China, Brazil, India and South Africa, which had been hailed as the new growth engines of the global political economy as part of the so-called BRICS.

- 32** Materials for energy/ Zhang, Sam (ed.) - CRC: UK, 2021; xiii, 514p. **52792**

This book offers a comprehensive overview of the latest developments in materials for efficient and sustainable energy applications, including energy conversion, storage, and smart applications. The book discusses a wide range of material types, such as nanomaterials, carbonaceous electrocatalysts and electrolytes, thin films, phase change materials, 2D energy materials, triboelectric materials, and membrane materials. Applications described include flexible energy storage devices, sensors, energy storage batteries, fuel and solar cells, photocatalytic wastewater treatment, and more. The book is aimed at researchers and technologists working to solve alternative energy issues.

- 33** Nanocsopy and nanospectroscopy/ Dhara, Sandip (ed) Jariwala, Deep (ed) Das, Soumen (ed) - CRC Press: Florida, 2023; xii, 267p. **52788**

This book builds a narrative on the near-field optical and spectroscopic studies with an emphasis on plasmonic and photonic assisted nano-optics as a tool for super-lensing. Deliberations on near-field studies using confined light in various applications are included along with their commercial implications. Single molecule detection utilizing efficient surface-enhanced Raman scattering phenomenon in the far-field and plasmonic tip-enhanced Raman scattering studies in the near-field measurements for fast analysis upto trace level is discussed. Features: Covers the broad area of nano-optical spectroscopy from the perspective of putting the concepts and innovations in the field to use. Discusses entire spectra of near-field optics and spectroscopy using light. Includes dielectric nanophotonics and optical confinement. Studies acoustic phonon confinement for analysis of chemical, biological and other materials. Explores gas/chemical sensing using surface plasmon resonance (SPR) in the Kretschmann configuration. This book is aimed at graduate students and researchers in material science, analytical chemistry, nanotechnology, and electrical engineering

- 34** Nanomaterials for environmental applications/ Barakat, Mohamed Abou El-Fetouh (ed) Kumar, Rajeev (ed) - CRC Press: Boca Raton, 2022; xiv, 349p. **52793**

The book offers a comprehensive review of the latest advances in nanomaterials-based technologies for the treatment of emerging contaminants in wastewater. It describes the latest developments in synthesis protocols, including synthesis of different kinds of nanostructure materials using various physical and chemical methods. Aimed at researchers and industry professionals, this work will be of interest to chemical, environmental, and materials engineers concerned with the application of advanced materials for environmental and water remediation"--

- 35** Nanotechnology for smart concrete/ Huseien, Ghasan Fahim - CRC Press: Boca Raton, 2022; xv, 209p. **52786**

It discusses how Nanomaterials have been shown to markedly improve the mechanical properties of concrete, as well as to reduce the porosity and enhance the durability of concrete. Nanotechnology for Smart Concrete discusses the advantages and applications of nanomaterials in concrete including high-strength performance, microstructural improvement, self-healing, energy storage, and coatings. It analyzes the linkage of concrete materials with nanomaterials and nanostructures. It also discusses applications of nanomaterials in the concrete industry, including energy storage in green buildings, anti-corrosive coatings, and inhibiting pathogens and viruses"--

- 36** Nations and capital: the missing link in global expansion/ Hadžidedić, Zlatko - CRC Press: Oxon, 2022; vi, 296p. **52766**

This book will be of great interest to advanced undergraduate students, postgraduate students, and researchers in political science, sociology, history, international relations, security studies, social and political theory, and nationalism studies. Nations and Capital: A Social Discourse for Global Expansion provides a coherent historical and sociological analysis which explores the ultimate reasons for the emergence of nations and nationalism, as a socio-political and geopolitical instrument in the global expansion of capitalism. The author offers a new perspective on understanding the relationship between nationalism, capitalism, and liberalism,

and provides a comprehensive critique of classical theories of nationalism, well illustrated by historical examples. He develops an original theory of nations and nationalism, relying on the assumption that the incessant widening of the gap between the capitalist elites and the labouring masses inevitably makes the endless accumulation of capital socially unsustainable. Bridging that gap without changing the structure of society becomes the paramount task for the capitalist system, which therefore introduces a social glue tailored to conceal, but also to cement, the actual polarisation of society.

37 Philosophy of economics: a heterodox introduction/ Schlaudt, Oliver - Routledge: UK, 2022; xi, 162p.

52753

This book provides an introduction to the philosophy of economics through the prism of heterodoxy. Heterodox economics covers a range of approaches and schools of thought but what they have as a common denominator is the conviction that economic phenomena cannot be understood, and thus must not be studied, in isolation from their relevant context. Conversely, the current form of neoclassical economics emerged from the conviction that there is something like economic rationality *sui generis* which can be treated independently from all other aspects of our world, social or natural. Heterodox approaches challenge this conviction, from a variety of angles: the economic actor is not isolated, but lives in society which shapes him; market goods are only one kind of goods among others, constituting a larger set with ambiguous and shifting inner frontiers; production of goods takes place within nature, is subjected to physical laws, and induces in most cases ecologically problematic fluxes of matter (e.g. waste); finally, the whole economic process in general is not in equilibrium, but shows secular trends through which it is connected to the historical world. This book demonstrates the vitality of these heterodox challenges from a philosophical point of view because not only do they formulate new hypotheses within economics, but they challenge economic theory on a much more fundamental level: how is the economy situated in the world, and which are the right methods for its investigation? This book is an ideal introduction for anyone seeking alternative or critical perspectives on the philosophy of economics and economic theory. Oliver Schlaudt teaches philosophy of science and political philosophy at the Philosophy Department of Heidelberg University, Germany, and

at SciencesPo Paris, France (Campus Nancy). His main research interests include philosophy of science, philosophy of economics, philosophy of technology and cognitive archaeology.

- 38** Posthuman and political care ethics for reconfiguring higher education pedagogies/ Bozalek, Vivienne (ed.) , Zembylas, Michalinos (ed.) , Tronto, Joan C (ed.) - Routledge: London, 2020; xiii, 164p. **52773**

This book makes an important contribution to ongoing debates about the epistemological, ethical, ontological and political implications of relational ethics in higher education. By furthering theoretical developments on the ethics of care and critical posthumanism, it speaks to contemporary concerns for more socially just possibilities and enriched understandings of higher education pedagogies. The book considers how the political ethics of care and posthuman/new feminist materialist ethics can be diffracted through each other and how this can have value for thinking about higher education pedagogies. It includes ideas on ethics which push those boundaries that have previously served educational researchers and proposes new ways of conceptualising relational ethics. Chapters consider the entangled connections of the linguistic, social, material, ethical, political and biological in relation to higher education pedagogies. This topical and transdisciplinary book will be of great interest for academics, researchers and postgraduate students in the fields of posthuman and care ethics, social justice in education, higher education, and educational theory and policy.

- 39** Principles of adaptive optics/ Tyson, Robert K - CRC Press: UK, 2022; xxiii, 360p. **52784**

This leading textbook addresses the fundamentals of AO (adaptive optics) at the core of astronomy, high-energy lasers, biomedical imaging, and optical communications. Principles of Adaptive Optics describes the foundations, principles, and applications of adaptive optics (AO) and its enabling technologies.

- 40** Principles of biostatistics/ Pagano, Marcello - CRC Press: Boca Raton, 2022; xvi, 604p. **52807**

This book is a concepts-based introduction to statistical procedures that prepares public health, medical, and life sciences students to conduct and evaluate research.

With an engaging writing style and helpful graphics, the emphasis is on concepts over formulas or rote memorization. Throughout the book, the authors use practical, interesting examples with real data to bring the material to life.

- 41** Public goods and the fourth industrial revolution: inclusive models of finance, distribution and production/ Płonka, Maria (ed.) - Routledge: New York, 2022; xiv, 256p.

52757

This book redefines the current paradigm of public goods. It proposes a model of production and distribution of public goods that acknowledges the participation of entities from the public, private, and nonprofit sectors. The authors argue that these entities would participate in the production, financing, distribution, and consumption of such goods. From a theoretical point of view, such an inclusive approach involving the expansion of the classical state - market dichotomy with new entities, including citizens themselves, leads to a new conceptualization and approach towards public goods. The model assumes shared responsibility, subsidiarity, and paternalistic libertarianism, and it allows the state to create new entities of an educational or fiscal nature, while remaining the regulator of public services and distribution. Additionally, the book analyzes changes regarding the perception of public goods, in the era of the fourth industrial revolution, across selected sectors such as healthcare and pension systems, education, local public goods, and public utility services. The book is primarily addressed to researchers, scholars and students across social and technical sciences, and it will also be a useful guide for central and local administration bodies responsible for public policy. The fourth industrial revolution, characterized by digitization, artificial intelligence and augmented reality, and megatrends such as globalization, urbanization, demographic changes and the knowledge-based economy, will trigger a series of profound technological, economic, social and environmental changes that will permanently and irreversibly change the role of the state in meeting social needs. Industry 4.0 will also change the type, nature, and scope of public goods and how they are produced, financed, delivered, and consumed.

- 42** Putting universities in their place: an evidence-based approach to understanding the contribution of higher education to local and regional development/ Kempton, Louise - Routledge: London, 2021; 92p. **52754**

The book examines: What are the different roles that universities play in local and regional development and how do these manifest themselves? How can we learn from comparing practice and experience internationally, and to what extent are policies aimed at promoting university–region relationships transferrable? What are the internal university factors, such as management and leadership, history, mission, structures, and the external factors, such as territorial development policy context, governance system, nature of the ‘place’, that might help us explain the nature of the relationship? There have been several attempts in recent years to create conceptual frameworks and models to help universities and policy makers understand the role and contribution of higher education to local and regional development. However, these models have failed to fully reflect or give insufficient attention to the impact of the regional context (economic, social, political), the policy environment for higher education and territorial development and the diversity of management and leadership structures of universities themselves. This has led to the development of static models that rarely work outside of the immediate context in which they were developed and therefore risk leading to design of policies that are not fit for purpose. This Policy Expo is the result of work with partners in Europe, South America, Africa, Asia and Australia to develop a new approach, the ORPHIC Framework, to think about how the university can be adapted to the specificity of institutional and local contexts.

- 43** Radiation technologies and applications in materials science/ Chowdhury, Subhendu Ray (ed) - CRC Press: Boca Raton, 2023; xix, 395p. **52790**

This book explains various kinds of non-ionizing and high energy radiations, their interaction with materials and chemical reactions, conditions of various kinds of materials development technologies including applications. It covers processing-structure-property relationship, radiations used in developing many advanced materials used in various fields. It highlights application-oriented materials synthesis and modification covering a wide variety of materials such plastics, rubber, thermo-

set, ceramics and so forth by various radiations. Features: Explains ionizing and non-ionizing radiation assisted materials development technologies, for polymers, ceramics, metals, and carbons. Covers radiation assisted synthesis, processing, and modification of all kinds of materials. Provides comparative studies, merits, demerits, and applications very systematically. Crisscrosses polymers science and technology, radiation technology, advanced materials technology, biomaterials technology and so forth. Includes section on 3D printing by LASER melting of CoCr alloys. This book aims at Researchers and Graduate students in Materials Science, Radiation Chemistry and Physics, Polymer and Other Materials Processing.

- 44** Reimagining globalization and education/ Rizvi, Fazal (ed.) , Lingard, Bob (ed.), Rinne, Risto (ed.) - Routledge: New York, 2022; xii, 241p. **52775**

This book brings together leading scholars in Global Studies in Education to reflect on how various developments of historic significance have unsettled the neoliberal imaginary of globalization. The developments include greater recognition of inequalities and the changing nature of work and communication; the emergence of new technologies of governance; a greater awareness of geopolitical shifts; the revival of nationalism, populism and anti-globalization sentiments; and the recognition of risks surrounding pandemics and climate change. Drawing from a range of disciplinary perspectives, the chapters in this collection examine how these developments demand new ways of thinking about globalization and its implications for education policy and practice - beyond the neoliberal imaginary.

- 45** Research methodology: techniques and trends/ Dubey, Umesh Kumar B., - CRC: Florida, 2022; 307p. **52804**

This book focuses on both undergraduate and post graduate courses; and it helps to understand the basic concepts and application of results directly to real life business, industry and research organization. Features: At the end of each chapter, to test conceptual understanding of the subject and put theory into practice, review questions are included, which would help in understanding of key concepts and ideas. The book contains in-depth coverage of concepts and techniques. Throughout the text, tables and figures are presented to illustrate the concepts and techniques. This book gives students essential guidance on how to carry out their own research

projects. The book covers a wide range of research methods, approaches to research, and ways of carrying out analysis of data. It is a textbook on research methodology for the doctoral and post-doctoral programs, post graduate courses such as MSc, MBA, MCA, MS, etc., to name a few. Though the book is primarily addressed to students, it will be equally useful to researchers and entrepreneurs as well.

- 46** Social neuroeconomics: mechanistic integration of the neurosciences and the social sciences/ Harbecke, Jens (ed.) , Herrmann-Pillath, Carsten (ed.) - CRC Press: UK, 2022;

52755

This book addresses a wide audience across the various disciplines, reaching from the neurosciences to the social sciences and philosophy"-- "Neuroeconomics has emerged as a paradigmatic field where neuroscience and the social sciences are integrated in one analytical and empirical approach. However, the different disciplines involved often only relate to each other via the shared object of research, and less through the constructing of precise models of integrative mechanisms. Social Neuroeconomics explores the potential of philosophical and methodological reflections in the neurosciences and the social sciences to inform those efforts at cross-disciplinary integration, with a special focus on recent contributions to mechanistic explanations. The collected essays are drawn from the fields of neuroscience, psychology, economics, sociology and philosophy, and examine the ways and methods of constructing unified conceptual frameworks that can guide empirical work and hypothesis building. This is demonstrated in a range of applications, particularly regarding finance and consumer behavior. The concept of the 'social brain' is also explored; a multi-level framework in which complex analytical categories such as emotions or socially mediated cognitive processes connect neuronal and social phenomena in specific mechanisms that generate behavior.

- 47** Statistics in natural resources: applications with R/ Russell, Matthew A - Taylor and Francis: Florida, 2022; xix, 334p.

52810

This book is well suited for current or aspiring natural resource professionals that are required to analyze data and perform statistical analyses in their daily work. More seasoned professionals that have previously had a course or two in statistics will also

find the content familiar. This book can also serve as a bridge between professionals that understand statistics and want to learn how to perform analyses on natural resources data in R. To manage our environment sustainably, professionals must understand the quality and quantity of our natural resources. Statistical analysis provides information that supports management decisions and is universally used across scientific disciplines. *Statistics in Natural Resources: Applications with R* focuses on the application of statistical analyses in the environmental, agricultural, and natural resources disciplines.

- 48** Sustainable technologies for water and wastewater treatment/ Kaleekkal, Noel Jacob (ed.) , Mural, Prasanna Kumar S (ed.) Vigneswaran, Saravanamuthu ...[et al] (ed.) - CRC: Boca Raton, 2021; xviii, 398p. **52783**

This book discusses relevant sustainable technologies for water and wastewater treatment pertaining to nanoscale approach, membrane-based technologies, energy and water nexus, organic pollutants, nascent technologies, bio and bio-inspired materials for water reclamation and integrated systems and overview of wastewater treatment plants.

- 49** The economics of empire: genealogies of capital and the colonial encounter/ Ruprecht Fadem, Maureen E (ed.) O'Sullivan, Michael (ed.) - CRC Press: UK, 2022; 254p. **52767**

This book traces the financial genealogies associated with the colonial enterprise, the strategies of economic precarity, the pedigrees of capital, and the narratives of exploitation that underlay and determined the course of modern history. One of the first attempts to take this approach in postcolonial studies, the book seeks to sketch the commensal relation-a symbiotic "phoresy"-between capitalism and colonialism, reading them as linked structures that carried and sustained each other through and across the modern era. The scholars represented here are all postcolonial critics working in a range of disciplines, including Political Science, Sociology, History, Peace and Conflict Studies, Legal Studies, and Literary Criticism and Theatre, exploring the connections between empire and capital, and the historical and political implications of that structural hinge. Each author engages existing postcolonial and poststructuralist theory and criticism while bridging it over to

research and analytic lenses less frequently engaged by postcolonial critics. In so doing, they devise novel intersectional and interdisciplinary frameworks through which to produce more greatly nuanced understandings of imperialism, capitalism, and their inextricable relation, 'new' postcolonial critiques of empire for the 21st century. This book will be an excellent resource for students and researchers of Postcolonial Studies, Literature, History, Sociology, Economics, Political Science and International Studies, among others

- 50** The globalization of gender: knowledge, mobilizations, frameworks of action/
Cîrstocea, Ioana (ed.), Lacombe, Delphine (ed.), Marteu, Elisabeth (ed.) - CRC
Press: UK, 2021; viii, 249p.

52768

This book provides an insightful approach to understanding the contemporary circulations of feminist repertoires and shows how the international/transnational circulations of gender are interconnected, even coextensive, with the globalization process itself. Fed by a shared reflexivity on relations among activist groups, state institutions, and international actors involved in the production and dissemination of contemporary norms dealing with gender, each chapter shares methodological premises and studies the circulation of gender-related norms and knowledge in situ and by varying standpoints. Specifically, the authors de-compartmentalize the academic disciplines and go beyond classical geographic divisions, in order to map social spaces and networks of actors involved in the production and circulation of gender-related repertoires. Last, the book grasps circulatory processes and entangled social phenomena, which are usually subject to disciplinary and thematic divisions separating collective action and public action, development aid and feminism, law and international relations. Focused on collective and individual experiences within women's organizations, activist careers, unstable mobilizations, public policies temporalities, the chapters reveal the mechanisms through which these arrangements are made and shed light on strategies deployed by actors rooted in specific social and political contexts. This book will be of key interest to students and scholars of gender studies and more broadly to politics, International Relations, sociology, geography, history, and anthropology.

- 51** The power of the G20: the politics of legitimacy in global governance/ Slaughter, Steven - CRC Press: UK, 2021; vii, 148p. **52769**

This book examines the politics surrounding the G20's efforts to act effectively and legitimately and the problems and challenges involved in this activity. Developing a critical constructivist conceptualisation of the G20, the book considers holistically and practically the ways that the G20 develops various forms of power and influence and acts as an apex form of global governance that seeks to be an overall coordinating forum to address global problems. Assessing how debates about the legitimacy of the G20 shaped its operation, Slaughter argues that the G20's power can be legitimate despite a range of considerable challenges and limits. The book also explores what measures the G20 could take to be more legitimate in the future.

- 52** The Routledge handbook of the economics of education/ McCall, Brian Patrick (ed.) - Routledge: New York, 2021; xviii, 598p. **52758**

This handbook provides an authoritative overview of key theoretical and policy areas, covering topics like econometric methods for education economics, returns to education, competition in education provision, education and economic growth, and education and inequality. It reviews the current state of research from early childhood through post-graduate education as well as adult education and life-long learning. Offering a truly international perspective, the handbook benefits from a global group of contributors and attention to both developed and developing country contexts. The Routledge Handbook of the Economics of Education will be a valuable resource for advanced students, researchers and policymakers across economics, education, and public policy"--

- 53** Theory as ideology in international relations: the politics of knowledge/ Martill, Benjamin (ed.) , Schindler, Sebastian (ed.) - CRC Press: New York, 2020; 254p. **52770**

This book brings together contributions from a number of different scholarly perspectives to engage with these problems. The contributors, drawn from various fields of International Relations and political science, cast new light on the ever problematic relationship between theory and ideology. They analyze the ideological underpinnings of existing academic theories, and examine the theories of non-

academic actors such as staff members of international organizations, ecovillagers, and liberal politicians. This edited volume is a must-read for all those interested in the contemporary political crisis and its relation to theories of International Relations. Are theoretical tools nothing but political weapons? How can the two be distinguished from each other? What is the ideological role of theories like liberalism, neoliberalism, or democratic theory? And how can we study the theories of actors from outside the academic world? This book examines these and related questions at the nexus of theory and ideology in International Relations. The current crisis of politics made it abundantly clear that theory is not merely an impartial and neutral academic tool, but instead implicated in political struggles. However, it is also clear that it is insufficient to view theory merely as a political weapon.

- 54** Transdisciplinary feminist research: innovations in theory, method and practice/
Taylor, Carol A (ed.), Hughes, Christina (ed.), Ulmer, Jasmine B (ed.) - Routledge:
New York, 2022; 276p.

52772

The book attends to the multiple lineages of feminist theory and practice and seeks to bring these historical differences and intersections into play with current changes, challenges and opportunities in feminism. The book's practically-grounded examples and wide-ranging theoretical orbit are likely to make it an invaluable resource for established scholars and emerging researchers in the social sciences, arts, humanities, education, and beyond. What is feminist transdisciplinary research? Why is it important? How do we do it? Through nineteen contributions from leading international feminist scholars, this book provides new insights into activating transdisciplinary feminist theories, methods and practices in original, creative and exciting ways - ways that make a difference both to what research is and does, and to what counts as knowledge. The contributors draw on their own original research and engage an impressive array of contemporary theorizing - including new materialism, decolonialism, critical disability studies, historical analyses, Black, Indigenous and Latina Feminisms, queer feminisms, Womanist Methodologies, trans studies, arts-based research, philosophy, spirituality, science studies and sports studies - to trouble traditional conceptions of research, method and praxis. The authors show how working beyond disciplinary boundaries, and integrating insights from different disciplines to produce new knowledge, can prompt important new

transdisciplinarity thinking and activism in relation to ongoing feminist concerns about knowledge, power and gender.

- 55** Universities and regional engagement : from the exceptional to the everyday/ Iakovleva, Tatiana (ed.), Thomas, Elisa (ed.), Berg, Laila Nordstrand ...[et al] - CRC Press: Oxon, 2022; xx, 225p. **52756**

This book presents a reconceptualisation which embraces its underlying complexity, and proposes a roadmap for a renewed research agenda. Starting from the grassroots level of universities' "everyday" engagements, the book delves into the manifold ways in which university knowledge agents build connections with regional partners. Through eleven empirical chapters, the authors not only chart the diversity amongst case institutions, engagement mechanisms and regional contexts, but also use that diversity to advance a novel conceptual framework for unpacking university-regions' everyday activities, taking into account the dynamic, complex and co-evolving interplay between (a) key social agents and institutions, (b) the contexts in which they are embedded, as well as (c) the historical trajectories and strategic ambitions underpinning context-specific social- arrangements and interactions that are mediated by temporal and spatial dimensions. Drawing on evolutionary economic geography, innovation studies, management and organisation studies, and historical perspectives, the volume advances a new mode of understanding university-regional engagement as a form of extendable temporary coupling, which also helps to address perennial policy and managerial questions alike of what to do with universities that do not serve local labour market needs, and/or are located in regions suffering from brain drain. The book illustrates such dynamics from diverse national contexts: Brazil, Caribbean, China, Italy, Norway, and Poland. This book will be valuable reading for advanced students, researchers and policy makers working in economic geography, regional development, innovation and higher education management"

- 56** Universities and the labour market: graduate transitions from education to employment/ Jelonek, Magdalena - Routledge: Newyork, 2022; xiv,148p. **52759**

The interdisciplinary nature of this book makes it of great interest to academics, researchers and postgraduate students in the areas of sociology, economy, public policy, and also to practitioners designing educational interventions themselves.

Magdalena Jelonek is a sociologist and assistant professor at the Cracow University of Economics, and researcher (adjunct) at Centre for Evaluation and Analysis of Public Policies at Jagiellonian University, Poland. Debate surrounding the employability of graduates has been around for many decades, and interest in this area has grown particularly since the start of this century. Tackling this relevant area of scholarship, this book uses an innovative approach to analyse the relationship between university and the labour market from different perspectives, taking into account both sociological and economic theories. Key areas explored include work transition, graduate employability, and the effects of public interventions/initiatives which are aimed at matching the competences of graduates to labour market needs. The chapters summarise several years of author original research, including study on the employability of graduates in Poland more specifically, and the effects of their public interventions to increase graduate employment and facilitate entry into the workforce (e.g. Commissioned Fields of Study, Competences Development Programme). More generally, university - labour market relations are analysed from three perspectives: micro (understood as individual characteristics shaping educational and occupational choices and decisions), and meso and macro (e.g. features of the education system and such as the strength of the signal sent by HE diplomas; the macroeconomic situation and the condition of the labour market and the state of debate on general and employability competences and its implications). The conclusions made are pertinent given ongoing debates around graduate mismatch in the labour market, as well as the questioning of tuition fees and the role of the university in society more broadly.

57 Well-being and growth in advanced economies: the need to prioritise human development/ Pugno, Maurizio - CRC Press: Oxon, 2022; viii, 114p.

52760

The book argues, with the support of a variety of evidence, that the challenge can be overcome if governments' policies and people's choices pursue, as their ultimate goal, 'fundamental human development' on an evolutionary basis: the development of the capability of a typical person to conceive and share with others new purposes, to pursue them individually or collectively, and thus to contribute to building human culture. If such human development is prioritised, it makes people satisfied with their lives and resistant to adverse shocks, and it can even shape the pattern of economic

growth. By contrast, if economic growth is prioritised, it tends to weaken and impoverish fundamental human development, and consequently people's well-being and social cohesion. With this volume, readers will find an answer to a problem that is both urgent and long-term, both individual and societal. The work makes a substantial contribution to the literature on wellbeing, the economics of happiness, human capital and growth, and the capability approach. Maurizio Pugno (M.Phil., Cambridge, UK) is Full Professor of Economics at the University of Cassino, Italy.

- 58** Why globalization matters: engaging with theory/ Axford, Barrie (ed.) - Routledge: London, 2021; ix, 132p. **52761**

This book explores the possibility and desirability of bringing integrated theory back into globalization research. While there can hardly be a single and all-encompassing ‘grand theory’ of globalization-in-itself, is there scope for the development of a general and systematic approach to globalization dynamics, past and present? In other words, can theorizations of the global be holistic and integrative, taking place in tandem with methodological frameworks that consider the contradictory and uneven layering of different transnational practices across all social relations? Is it possible to develop a general and integrated approach to globalization that links theory and practice in a socially engaged way, and is it desirable to do so? Many relevant academic and non-academic developments suggest not. For example, the postmodernist turn at the end of the last century expressed a profound ‘incredulity’ toward ‘grand narratives’ in the social sciences and humanities. A decade later, some neo-Marxist critics condemned the ‘follies of globalization theory’. More recently, the ‘post-truth’ interventions of national populists suggest not only that ‘globalism’ is the political enemy but also that attempts to understand its patterns and manifestations are relative or irrelevant. Taking Manfred Steger and Paul James’ acclaimed book *Globalization Matters* as a back-drop against which to interrogate these issues, contributors from a variety of disciplinary, analytical and normative standpoints deliver a thoughtful and much needed assessment of the scholarship of globalization and the ways it is theorized.

- 59** Young women and leadership/ Lee-Koo, Katrina (ed.) Pruitt, Lesley J (ed.) - CRC Press: UK, 2021; 138p. **52771**

This book will be of interest to students and scholars of the theory and/or practice of leadership. More broadly, it will also be useful for students and scholars of political science, international studies, peace and conflict studies, international and community development, leadership studies, cultural studies, youth studies, and gender studies. Through a range of case studies inc, this edited collection highlights the extent of the unique ways in which young women lead to create change in their own lives and their communities, as well as in the structures, cultures and institutions in which they live and work. This volume challenges and reshapes the boundaries and relationships of power that animate traditional attitudes to leadership by exploring the often-overlooked role of women as leaders and drivers of social change. The text draws on a number of complex case studies in Asia and the Pacific in order to demonstrate how young women around the world have developed organised approaches to leadership that are often collective, collaborative, and transformative. However, as the authors reveal, they also deviate from traditional forms of leadership that have dominated the literature and public understanding.

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