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**Vanda Santos,Cecília Costa,Dina
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Scientific Concepts Behind Happiness, Kindness, and Empathy in Contemporary Society Silton, Nava R., 2018-07-20 Significant progress has been made in the study of human psychology in recent years However the human pursuit of happiness through the use of scientific methods has yet to be fully examined Scientific Concepts Behind Happiness Kindness and Empathy in Contemporary Society is an essential reference source that offers in depth studies that anchor concepts of happiness kindness wellbeing and empathy from a scientific perspective Featuring research on topics such as cognitive revolution neurobiology of wellbeing and rational emotive behavior therapy this book is ideally designed for sociologists academicians psychology professionals researchers and graduate level students seeking scientific coverage on happiness kindness and empathy

The Beauty and the Burden of Being a Black Professor Cheron H. Davis, Adriel Hilton, Ricardo Hamrick, F. Erik Brooks, 2021-01-18 By presenting discussions on professional development and emphasizing the challenges and triumphs experienced by Black professors across disciplines this book provides advice for junior Black scholars on how to navigate academe and tackle the challenges that Black scholars often face

The Oxford Handbook of Positive Psychology C. R. Snyder, Shane J. Lopez, Lisa M. Edwards, Susana C. Marques, 2021 The Oxford Handbook of Positive Psychology is the seminal reference in the field of positive psychology which continues to transcend the boundaries of academia to capture the imagination of the general public Almost 20 years after the first publication of this groundbreaking reference this new third edition showcases how positive psychology is thriving in diverse contexts and fields of psychology Consisting of 68 chapters of the most current theory and research this updated handbook provides an unparalleled cross disciplinary look at positive psychology from diverse fields and all branches of psychology including social clinical personality counseling health school and developmental psychology Several new chapters are included which highlight the latest research on positive psychology and neuroscience as well as growing areas for applications of positive psychology

Life by Algorithms Catherine Besteman, Hugh Gusterson, 2019-05-23 Essays on the downsides dysfunctions and dangers of automated decision making An excellent survey of the algorithmically managed life Choice The phone systems that businesses use to screen calls The link between student standardized test scores and public schools access to resources The algorithms that regulate patient diagnoses and reimbursements to doctors The impenetrable corporate bureaucracy that can drive customers in need of help up the wall or drive them to suicide The storage sorting and analysis of massive amounts of information have enabled the automation of decision making at an unprecedented level Meanwhile computers have offered a model of cognition that increasingly shapes our approach to the world The proliferation of robo-processes is the result as editors Catherine Besteman and Hugh Gusterson observe in this rich and wide ranging volume which features contributions from a distinguished cast of scholars in anthropology communications international studies and political science Though automatic processes are designed to be engines of rational systems the stories in Life by Algorithms reveal how they can in

fact produce absurd inflexible or even dangerous outcomes Joining the call for algorithmic transparency the contributors bring exceptional sensitivity to everyday sociality into their critique to better understand how the perils of modern technology affect finance medicine education housing the workplace food production public space and emotions not as separate problems but as linked manifestations of a deeper defect in the fundamental ordering of our society The Machine Stops E M Forster s 1909 science fiction story tells the tale of a human society collapsing when the technology upon which it has become dependent fails Think of this volume as The Machine Starts a collection of unsettling ethnographic accounts of the rise of algorithmic governance A necessary and sobering call to arms Stefan Helmreich Massachusetts Institute of Technology Contributors include Catherine Besteman Alex Blanchette Robert W Gehl Hugh Gusterson Catherine Lutz Ann Lutz Fernandez Joseph Masco Sally Engle Merry Keesha M Middlemass Noelle Stout Susan J Terrio

Handbook of Research on Reading Comprehension, Second Edition Susan E. Israel, 2017-01-02 This edition provides a transformative snapshot of reading comprehension as a field of study at a seminal moment It maintains the same high level of standards with respect to 1 historical perspectives useful for laying the foundation of study on reading comprehension 2 theoretical perspectives that allow the reader to consider different views on how specific areas have evolved since the first edition 3 excellent chapters on various elements of reading comprehension including major research studies in assessment cultural impacts of reading comprehension issues affecting English language learners and consideration of international populations and 4 identification of future research needs to help raise important questions and stimulate possible hypotheses for future research

Crystallizing Ideas - The Role of Chemistry Ponnadurai Ramasami, Minu Gupta Bhowon, Sabina Jhaumeer Laulloo, Henri Li Kam Wah, 2016-06-29 Twenty three carefully selected peer reviewed contributions from the International Conference on Pure and Applied Chemistry ICPAC 2014 are featured in this edited book of proceedings ICPAC 2014 a biennial meeting was held in Mauritius in June 2014 The theme of the conference was Crystallizing Ideas The Role of Chemistry and it matched the declaration of the year 2014 as the International Year of Crystallography ICPAC 2014 was attended by 150 participants from 30 countries The chapters in this book reflect a wide range of fundamental and applied research in chemistry and interdisciplinary subjects Crystallizing Ideas The Role of Chemistry is written for graduates postgraduates researchers in industry and academia who have an interest in the fields ranging from fundamental to applied chemistry

Understanding Complex Urban Systems Christian Walloth, Ernst Gebetsroither-Geringer, Funda Atun, Liss C. Werner, 2016-03-11 This book is devoted to the modeling and understanding of complex urban systems This second volume of Understanding Complex Urban Systems focuses on the challenges of the modeling tools concerning e g the quality and quantity of data and the selection of an appropriate modeling approach It is meant to support urban decision makers including municipal politicians spatial planners and citizen groups in choosing an appropriate modeling approach for their particular modeling requirements The contributors to this volume are from different disciplines but all share the same goal

optimizing the representation of complex urban systems They present and discuss a variety of approaches for dealing with data availability problems and finding appropriate modeling approaches and not only in terms of computer modeling The selection of articles featured in this volume reflect a broad variety of new and established modeling approaches such as An argument for using Big Data methods in conjunction with Agent based Modeling The introduction of a participatory approach involving citizens in order to utilize an Agent based Modeling approach to simulate urban growth scenarios A presentation of semantic modeling to enable a flexible application of modeling methods and a flexible exchange of data An article about a nested systems approach to analyzing a city s interdependent subsystems according to these subsystems different velocities of change An article about methods that use Luhmann s system theory to characterize cities as systems that are composed of flows An article that demonstrates how the Sen Nussbaum Capabilities Approach can be used in urban systems to measure household well being shifts that occur in response to the resettlement of urban households A final article that illustrates how Adaptive Cycles of Complex Adaptive Systems as well as innovation can be applied to gain a better understanding of cities and to promote more resilient and more sustainable urban futures

Before the age of 28 Prachurya Bharadwaj,2022-12-31 The name Prachurya means Goddess of wealth in ancient Sanskrit True to that meaning Prachurya Bharadwaj the author has accumulated herself an ocean of experiences that very few 28 year olds would fathom She didn t just stop at one post graduate degree in engineering but pursued another one then some more professional courses after that At 21 when she went abroad to study she found internship opportunities in one country created a start up in another followed by full time positions then again in another country where she bought her first house This book is a story of her defeating all odds taking proactive measures rising above those who thought too little of her healing herself of continuous traumas stacked over the ones from her childhood Today she works in the Netherlands as a technical lead for development of unique technology that should ascertain the leadership of ASML in the semiconductor industry This exciting read is only a part of her story going from the age of around 7 until 28 when she perceived that this was the pinnacle of her success Her upcoming books will contain the story of what happens after that epitome of success You guessed it right She keeps achieving more

STEM: Innovation on Teaching and Learning Vanda Santos,Cecília Costa,Dina Tavares,2025-02-04 This Research Topic is focused on STEM education based on this model several studies have emerged on innovative approaches on teaching and learning In order to meet the demands of developing students for the 21st century skills and given the appropriate characteristics for this goal of the STEM model further research is needed on this topic Being so it is justified to carry out more research on STEM approaches such as with pre service teachers in service teachers and all levels of education This research topic provides a stimulating and informative variety of research papers that expand and deepen our theoretical understanding on STEM innovations on teaching and learning Taking into account the demands of developing students for the 21st century skills in this Research Topic we aim to collect high quality studies focused on STEM model related to pre

service teachers in service teachers as well as students of all levels of education We also intend to cover the largest variety of topics addressing this specific matter that could help to foster STEM implementation in the classroom to sharing STEM model education training experiences Furthermore we are interested in contributions that provide deepening insights into the challenges and opportunities involved in adopting STEM education in teaching and learning in a sustainable way

Scaling up SDGs Implementation Godwell Nhamo, Gbadebo O. A. Odularu, Vuyo Mjimba, 2020-01-14 This volume challenges global leaders and citizenry to do more in order to resource the implementation of the 2030 Agenda for Sustainable Development AfSD and its 17 interwoven Sustainable Development Goals SDGs Starting from the concept we cannot manage what we cannot measure the book presents some cases showing how to draw national level baselines for the domestication and localisation of the SDGs seeking to provide a clear roadmap towards achieving the 2030 AfSD Scaling up SDGs Implementation is targeted at the United Nations national and state governments sub national governments the corporate sector and civil society including higher education institutes labour groups non governmental organisations and youth movements The book is cognizant of these institutions common but differentiated responsibilities and capabilities within their socio political environmental and economic conditions The book presents case studies of how the corporate sector has been scaling up SDGs implementation from the tourism sector insurance to the aviation and agricultural sectors To make sure that no one is left behind the volume includes cases on solutions for pressing environmental and socio economic problems ranging from cooperatives in Brazil to the conservation of springs in Zimbabwe The matter of finding synergies between the climate SDG and the Paris Agreement's Nationally Determined Contributions NDCs is elaborated at length Lastly the book discusses how institutions of higher education remain critical pillars in SDGs scaling up with cases of curriculum re orientation in South Africa to the rolling out of the Women's University in Africa In this context this volume challenges every global citizen and organization to invest every effort into making the implementation of the SDGs a success as we welcome the second four to five year segment down the road to the year 2030

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