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Fiscal Policy and the Natural Resources Curse China's e-Science Blue Book 2020 Computational Science – ICCS 2019 Big Scientific Data Management Women, Collecting, and Cultures Beyond Europe Algorithms and Architectures for Parallel Processing Database Systems for Advanced Applications LATE CENOZOIC VERTEBRATES FROM THE AMERICAN SOUTHWEST: A TRIBUTE TO ARTHUR H. HARRIS Defense of the Scientific Hypothesis Hydrogen Energy Engineering Dictionary Catalog of the Department Library The Uninhabitable Earth Aristotle on Matter, Form, and Moving Causes Global Atlas of Marine Fisheries Professional Paper DP's CTET SERIES: SOCIAL SCIENCE LAST YEAR PAPERS [CLASS 5-8] DP's CTET SERIES: SOCIAL SCIENCE LAST YEAR PAPERS AND MODEL PRACTICE PAPERS [CLASS 5-8] Applied Mathematics, Modeling and Computer Simulation Blockchain and Trustworthy Systems Distributed, Ambient and Pervasive Interactions: Understanding Humans The Proceedings of the 2018 Asia-Pacific International Symposium on Aerospace Technology (APISAT 2018) Target IBPS Bank PO/ MT Preliminary & Main Exams 20 Practice Sets Workbook - 16 in Book + 4 Online (6th edition) IBPS PO Past Solved Papers 2012 to 2016 Preliminary and Main Exam Proceedings of the 1st International Conference on New Materials, Machinery and Vehicle Engineering Psychological Perspectives on Risk and Risk Analysis Digital TV and Wireless Multimedia Communication Parallel and Distributed Computing, Applications and Technologies Oceans and Human Health At the Crossroads: Lessons and Challenges in Computational Social Science Handbook of Qualitative Organizational Research Innovations in Derivatives Markets General Science & Technology Contemporary Strategy Analysis Routledge Handbook of Ecosystem Services Natural Gas Engines Historical Reconstructions of Marine Fisheries Catches: Challenges and Opportunities Advances in Energy Science and Equipment Engineering II Volume 2 Genetic Resources as Natural Information Materials and Technologies in Modern Production

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Rather than enjoying a good book in imitation of a cup of coffee in the afternoon, then again they juggled similar to some harmful virus inside their computer. **Grade9 Question Paper2014 Natural Science Term1** is easy to use in our digital library an online right of entry to it is set as public for that reason you can download it instantly. Our digital library saves in complex countries, allowing you to get the most less latency period to download any of our books considering this one. Merely said, the Grade9 Question Paper2014 Natural Science Term1 is universally compatible taking into account any devices to read.

This two-volume set LNCS 11446 and LNCS 11447 constitutes the refereed proceedings of the 24th International Conference on Database Systems for Advanced Applications, DASFAA 2019, held in Chiang Mai, Thailand, in April 2019. The 92 full papers and 64 short papers were carefully selected from a total of 501 submissions. In addition, 13 demo papers and 6 tutorial papers are included. The full papers are organized in the following topics: big data; clustering and classification; crowdsourcing; data integration; embedding; graphs; knowledge graph; machine learning; privacy and graph; recommendation; social network; spatial; and spatio-temporal. The short papers, demo papers, and tutorial papers can be found in the volume LNCS 11448, which also includes the workshops of DASFAA 2019. This authoritative collection goes beyond economic statistics and probability data to offer a robust psychological understanding of risk perception and risk taking behavior. Expert contributors examine various risk domains in life, and pinpoint cognitive, emotional, and personality factors contributing to individual differences in risk taking as well as the many nuances social demographics (e.g., culture, gender) bring to risk decisions. Coverage takes competing theories and studies into account to identify mechanisms involved in processing and acting on uncertainty. And implications and applications are demonstrated in varied fields, from updated risk models for the insurance sector to improved risk communication in health services to considering risk perception in policy decisions. A sampling of the topics: Personality and risk: beyond daredevils—risk taking from a temperament perspective. Cognitive, developmental, and neurobiological aspects of risk judgments. The group effect: social influences on risk identification, analysis, and decision-making. Cognitive architectures as a scaffolding for risky choice models. Improving understanding of health-relevant numerical information. Risk culture as a framework for improving competence in risk management. Psychological Perspectives on Risk and Risk Analysis will be of great interest to researchers in and outside of psychology, including decision-making experts and behavioral economists. Additionally, this volume will appeal to practitioners who often have to make risky decisions, such as managers and physicians. DP's CTET SERIES: SOCIAL SCIENCE LAST YEAR PAPERS AND MODEL PRACTICE PAPERS [CLASS 5-8] KEYWORDS: Ctet previous year papers, ctet mock test practice sets, ctet success master arihant books, ctet paper 2 books maths and social science, ctet preparation book, htet, uptet, rajasthan tet reet, bihar tet, MPtet, child development and pedagogy ctet English hindi child psychology environment science CTET level 1, 2, bihar tet, Haryana tet, rajasthan tet, uttar Pradesh tet, Madhya Pradesh tet, Gujarat tet, chattisgarh tet, Jharkhand tet, uttarakhan tet, west Bengal tet, maharashtra tet This eBook is a collection of articles from a Frontiers Research Topic. Frontiers Research Topics are very popular trademarks of the Frontiers Journals Series: they are collections of at least ten articles, all centered on a particular subject. With their unique mix of varied contributions from Original Research to Review Articles, Frontiers Research Topics unify the most influential researchers, the latest key findings and historical advances in a hot research area! Find out more on how to host your own Frontiers Research Topic or contribute to one as an author by contacting the Frontiers Editorial Office: frontiersin.org/about/contact. This book constitutes the refereed proceedings of the 13th International Forum of Digital TV and Wireless Multimedia Communication, IFTC 2016, held in Shanghai, China, in November 2016. The 38 revised full papers presented were carefully reviewed and selected from 102 submissions. The papers are organized in topical sections on image processing; audio processing; image and video compression; telecommunications. The idea that nature provides services to people is one of the most powerful concepts to have emerged over the last two decades. It is shaping our understanding of the role that biodiverse ecosystems play in the environment and their benefits for humankind. As a result, there is a growing interest in operational and methodological issues surrounding ecosystem services amongst environmental managers, and many institutions are now developing teaching programmes to equip the next generation with the skills needed to apply the concepts more effectively. This handbook provides a comprehensive reference text on ecosystem services, integrating natural and social science (including economics). Collectively the chapters, written by the world's leading authorities, demonstrate the importance of biodiversity for people, policy and practice. They also show how the value of ecosystems to society can be expressed in monetary and non-monetary terms, so that the environment can be better taken into account in decision making. The significance of the ecosystem service paradigm is that it helps us redefine and better communicate the relationships between people and nature. It is shown how these are essential to resolving challenges such as sustainable development and poverty reduction, and the creation of a green economy in developing and developed world contexts. It is widely accepted that natural resource wealth, especially in the form of oil and minerals, can be a key factor in inhibiting economic development. Many of the countries that are richest in natural resources – including oil, metals and diamonds – are amongst the world's poorest. Why? Fiscal Policy and the Natural Resources Curse re-examines this ancient, unsolved puzzle, asking why many governments of natural resource-intensive countries are incapable, in a globalised world, of dealing with the natural-resource curse. This book offers a detailed analysis of the power-relationships which underpin the natural resource curse, using both statistical analysis and country case studies from Africa and Latin America to pinpoint the strategies that have enable developing countries to break out of the poverty trap. The book differs from other works on this subject, as it not only identifies the issues at stake but also offers solutions in the form of a series of suggested policy measures. The work focusses in particular on fiscal escape routes, namely measures to develop and diversify the tax system, and to reallocate and target public expenditure. This volume will be of great interest to scholars of economic development, the economics of natural resources and economic growth as well as all those with an interest in development, global politics and anti-poverty policies. Defense of Scientific Hypothesis: From Reproducibility Crisis to Big Data sets out to explain and defend the scientific hypothesis. Alger's mission is to counteract the misinformation and misunderstanding about the hypothesis that even seasoned scientists have concerning its nature and place in modern science. Most biological scientists receive little or no formal training in scientific thinking. Further, the hypothesis is under attack by critics who claim that it is irrelevant to science. In order to appreciate and evaluate scientific controversies like global climate change, vaccine safety, etc., the public first needs to understand the hypothesis. Defense of Scientific Hypothesis begins by describing and analyzing the scientific hypothesis in depth and examining its relationships to various kinds of science. Alger then guides readers through a review of the hypothesis in the context of the Reproducibility Crisis and presents survey data on how scientists perceive and employ hypotheses. He assesses cognitive factors that influence our ability to use the hypothesis and makes practical and policy recommendations for teaching and learning about it. Finally, Alger considers two possible futures of the hypothesis in science as the Big Data revolution looms: in one scenario, the hypothesis is displaced by the Big Data Mindset that forgoes understanding in favor of correlation and prediction. In the other, robotic science incorporates the hypotheses into mechanized laboratories guided by artificial intelligence. But in his illuminating epilogue, Alger envisions a third way, the Centaur Scientist, a symbiotic relationship between human scientists and computers. The 2016 2nd International Conference on Energy Equipment

Science and Engineering (ICEESE 2016) was held on November 12-14, 2016 in Guangzhou, China. ICEESE 2016 brought together innovative academics and industrial experts in the field of energy equipment science and engineering to a common forum. The primary goal of the conference is to promote research and developmental activities in energy equipment science and engineering and another goal is to promote scientific information interchange between researchers, developers, engineers, students, and practitioners working all around the world. The conference will be held every year to make it an ideal platform for people to share views and experiences in energy equipment science and engineering and related areas. This second volume of the two-volume set of proceedings covers the field of Structural and Materials Sciences, and Computer Simulation & Computer and Electrical Engineering. The Global Atlas of Marine Fisheries is the first and only book to provide accurate, country-by-country fishery catch data. This groundbreaking information has been gathered from independent sources by the world's foremost fisheries experts. Edited by Daniel Pauly and Dirk Zeller of the Sea Around Us Project, the Atlas includes one-page reports on 273 countries and their territories, plus fourteen topical global chapters. Each national report describes the current state of the country's fishery; the policies, politics, and social factors affecting it; and potential solutions. The global chapters address cross-cutting issues, from the economics of fisheries to the impacts of mariculture. Extensive maps and graphics offer attractive and accessible visual representations. This handbook provides a comprehensive overview of state-of-the-art, innovative approaches to qualitative research for organizational scholars. Individual chapters in each area are written by experts in a variety of fields, who have contributed some of the most innovative studies themselves in recent years. An indispensable reference guide to anyone conducting high-impact organizational research, this handbook includes innovative approaches to research problems, data collection, data analysis and interpretation, and application of research findings. The book will be of interest to scholars and graduate students in a wide variety of disciplines, including anthropology, organizational behavior, organizational theory, social psychology, and sociology. The updated new edition of the market-leading strategic analysis textbook, addressing the emerging challenges that businesses face in an increasingly complex and dynamic environment. In Contemporary Strategy Analysis, expert strategist and lecturer Robert M. Grant equips management students and working professionals with the concepts, frameworks, and techniques needed to make better strategic decisions. Designed to be accessible to readers from different backgrounds and with varying levels of experience, this classic textbook combines a rigorous approach to business strategy with real-world examples of current practice and highly relevant case studies personally written by the author. Contemporary Strategy Analysis focuses on the essential tasks of strategy, showing readers how to use the tools of strategy analysis to identify, analyze, and exploit the sources of superior business performance to secure competitive advantage. The eleventh edition examines the role of strategy in a world reshaped by the Covid-19 pandemic and discusses a wide range of trending topics — such as the corporate social responsibility movement and environmental, social, and governance innovation — presented alongside fully integrated business models and up-to-date examples of business model innovation. Perfect for undergraduate and MBA students of business, Contemporary Strategy Analysis has also proven influential with consultants, executives, and others engaged in the strategic direction of a modern enterprise. New materials are constantly being developed which may improve or transform many aspects of our lives, and nowhere is this more exciting than in the fields of vehicle and machinery technology. This book presents the proceedings of the 2022 International Conference on New Materials, Machinery and Vehicle Engineering (NMMVE 2022), held as a virtual event due to the COVID-19 pandemic and travel restrictions, from 18 - 20 March 2022. NMMVE 2022 provides an international forum for researchers and engineers to present and discuss recent advances, new techniques, and applications in the fields of new materials, machinery and vehicle engineering, and attracts academics, scientists, engineers, postgraduates, and other professionals from a wide range of universities and institutions. A total of 121 submissions were received, from which 48 were accepted for inclusion in the conference and proceeding after a rigorous, standard single-blind reviewing process. The papers are grouped into 3 sections: machinery (30 papers); new materials (11 papers); and vehicle engineering (7 papers). Providing an overview of the latest developments in these fields, the book will be of interest to all those wishing to know more about new materials and machine and vehicle engineering. This two volume set constitutes the refereed proceedings of the 6th International Conference on Distributed, Ambient and Pervasive Interactions, DAPI 2018, held as part of the 20th International Conference on Human-Computer Interaction, HCII 2018, held in Las Vegas, NV, USA in July 2018. The total of 1171 papers and 160 posters presented at the 14 colocated HCII 2018 conferences. The papers were carefully reviewed and selected from 4346 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers thoroughly cover the entire field of Human-Computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The LNCS 10921 and LNCS 10922 contains papers addressing the following major topics: Technologies and Contexts (Part I) and Understanding Humans (Part I)? This book is a compilation of peer-reviewed papers from the 2018 Asia-Pacific International Symposium on Aerospace Technology (APISAT 2018). The symposium is a common endeavour between the four national aerospace societies in China, Australia, Korea and Japan, namely, the Chinese Society of Aeronautics and Astronautics (CSAA), Royal Aeronautical Society Australian Division (RAeS Australian Division), the Korean Society for Aeronautical and Space Sciences (KSAS) and the Japan Society for Aeronautical and Space Sciences (JSASS). APISAT is an annual event initiated in 2009 to provide an opportunity for researchers and engineers from Asia-Pacific countries to discuss current and future advanced topics in aeronautical and space engineering. This book covers the various advanced reciprocating combustion engine technologies that utilize natural gas and alternative fuels for transportation and power generation applications. It is divided into three major sections consisting of both fundamental and applied technologies to identify (but not limited to) clean, high-efficiency opportunities with natural gas fueling that have been developed through experimental protocols, numerical and high-performance computational simulations, and zero-dimensional, multizone combustion simulations. Particular emphasis is placed on statutes to monitor fine particulate emissions from tailpipe of engines operating on natural gas and alternative fuels. "China's e-Science Blue Book 2020" has been jointly compiled by the Chinese Academy of Sciences, Cyberspace Administration of China, Ministry of Education of the PRC, Ministry of Science and Technology of the PRC, China Association for Science and Technology, Chinese Academy of Social Sciences, National Natural Science Foundation of China and the Chinese Academy of Agricultural Sciences. It was focusing on the new situation, new progress and new achievements of China's e-Scientific in the past two years. During the "13th Five-Year Plan" period, Chinese scholars make full use of advanced information technology to carry out scientific research work, and have achieved a series of major scientific and technological achievements. This book has collected 28 research reports about China's e-Science application in the past two years to

introduce the application in the frontier research of science and technology, the progress of e-Science in major projects and the achievements of informatization in interdisciplinary. As such it provides a valuable reference resource for researchers and students in this area and promotes further e-Science research. The five-volume set LNCS 11536, 11537, 11538, 11539 and 11540 constitutes the proceedings of the 19th International Conference on Computational Science, ICCS 2019, held in Faro, Portugal, in June 2019. The total of 65 full papers and 168 workshop papers presented in this book set were carefully reviewed and selected from 573 submissions (228 submissions to the main track and 345 submissions to the workshops). The papers were organized in topical sections named: Part I: ICCS Main Track Part II: ICCS Main Track; Track of Advances in High-Performance Computational Earth Sciences: Applications and Frameworks; Track of Agent-Based Simulations, Adaptive Algorithms and Solvers; Track of Applications of Matrix Methods in Artificial Intelligence and Machine Learning; Track of Architecture, Languages, Compilation and Hardware Support for Emerging and Heterogeneous Systems Part III: Track of Biomedical and Bioinformatics Challenges for Computer Science; Track of Classifier Learning from Difficult Data; Track of Computational Finance and Business Intelligence; Track of Computational Optimization, Modelling and Simulation; Track of Computational Science in IoT and Smart Systems Part IV: Track of Data-Driven Computational Sciences; Track of Machine Learning and Data Assimilation for Dynamical Systems; Track of Marine Computing in the Interconnected World for the Benefit of the Society; Track of Multiscale Modelling and Simulation; Track of Simulations of Flow and Transport: Modeling, Algorithms and Computation Part V: Track of Smart Systems: Computer Vision, Sensor Networks and Machine Learning; Track of Solving Problems with Uncertainties; Track of Teaching Computational Science; Poster Track ICCS 2019 Chapter "Comparing Domain-decomposition Methods for the Parallelization of Distributed Land Surface Models" is available open access under a Creative Commons Attribution 4.0 International License via link.springer.com. This book constitutes the proceedings of the 22nd International Conference on Parallel and Distributed Computing, Applications, and Technologies, PDCAT 2021, which took place in Guangzhou, China, during December 17-19, 2021. The 24 full papers and 34 short papers included in this volume were carefully reviewed and selected from 97 submissions. The papers are categorized into the following topical sub-headings: networking and architectures, software systems and technologies, algorithms and applications, and security and privacy. This book focuses on the fundamental principles and latest research findings in hydrogen energy fields including: hydrogen production, hydrogen storage, fuel cells, hydrogen safety, economics, and the impact on society. Further, the book introduces the latest development trends in practical applications, especially in commercial household fuel cells and commercial fuel cell vehicles in Japan. This book not only helps readers to further their basic knowledge, but also presents the state of the art of hydrogen-energy-related research and development. This work serves as an excellent reference for beginners such as graduate students, as well as a handbook and systematic summary of entire hydrogen-energy systems for scientists and engineers. Applied mathematics, together with modeling and computer simulation, is central to engineering and computer science and remains intrinsically important in all aspects of modern technology. This book presents the proceedings of AMMCS 2022, the 2nd International Conference on Applied Mathematics, Modeling and Computer Simulation, held in Wuhan, China, on 13 and 14 August 2022, with online presentations available for those not able to attend in person due to continuing pandemic restrictions. The conference served as an open forum for the sharing and spreading of the newest ideas and latest research findings among all those involved in any aspect of applied mathematics, modeling and computer simulation, and offered an ideal platform for bringing together researchers, practitioners, scholars, professors and engineers from all around the world to exchange the newest research results and stimulate scientific innovation. More than 150 participants were able to exchange knowledge and discuss the latest developments at the conference. The book contains 127 peer-reviewed papers, selected from more than 200 submissions and ranging from the theoretical and conceptual to the strongly pragmatic; all addressing industrial best practice. Topics covered included mathematical modeling and application, engineering applications and scientific computations, and simulation of intelligent systems. The book shares practical experiences and enlightening ideas and will be of interest to researchers and practitioners in applied mathematics, modeling and computer simulation everywhere. Special topic volume with invited peer-reviewed papers only Target IBPS Bank Preliminary & Main PO/ MT Exam 20 Practice Sets Workbook with 4 Online Tests is the thoroughly revised and updated 6th Edition exclusively written for the IBPS PO/ MT Exam. • The book provides 20 Practice Sets – 5 Preliminary Exam Tests + 15 Main Exam Mains Tests (11 in the book and 4 Online) designed exactly on the pattern of the latest IBPS Bank PO Exam. • The Preliminary Test contains all the 3 sections - Reasoning Ability, Quantitative Aptitude and English Language as per the latest pattern. • The Main Mains Test contains all the 5 sections - English Language, Quantitative Aptitude, Reasoning Ability, Computer Knowledge & General Awareness as per the latest pattern. • The book provides Response Sheet for each Practice test. • A Test Analysis & Feedback Sheet has been provided for each test to do a Post-Test Analysis after each test. It is this analysis which will highlight your strong & weak areas. • The book has been empowered with Online Tests which provides 4 Mock Tests with Insta Results, so as to provide an ONLINE cum REAL-TIME exposure to the students. • These tests will provide the results and solutions immediately after the students submit a test. • The solution to the 16 sets are provided at the end of the book. • The book also provides detailed solutions to the 2011-2016 question papers along with the descriptive tests. IBPS PO Past Solved Papers 2012 to 2016 Preliminary and Main Exam covers past 5 years solved papers. Examines Aristotle's doctrine of hylomorphism and its importance for understanding the process by which substances come into being. This book presents 20 peer-reviewed chapters on current aspects of derivatives markets and derivative pricing. The contributions, written by leading researchers in the field as well as experienced authors from the financial industry, present the state of the art in: • Modeling counterparty credit risk: credit valuation adjustment, debit valuation adjustment, funding valuation adjustment, and wrong way risk. • Pricing and hedging in fixed-income markets and multi-curve interest-rate modeling. • Recent developments concerning contingent convertible bonds, the measuring of basis spreads, and the modeling of implied correlations. The recent financial crisis has cast tremendous doubts on the classical view on derivative pricing. Now, counterparty credit risk and liquidity issues are integral aspects of a prudent valuation procedure and the reference interest rates are represented by a multitude of curves according to their different periods and maturities. A panel discussion included in the book (featuring Damiano Brigo, Christian Fries, John Hull, and Daniel Sommer) on the foundations of modeling and pricing in the presence of counterparty credit risk provides intriguing insights on the debate. The interest of physicists in economic and social questions is not new: for over four decades, we have witnessed the emergence of what is called nowadays "sociophysics" and "econophysics", vigorous and challenging areas within the wider "Interdisciplinary Physics". With tools borrowed from Statistical Physics and Complexity, this new area of study have already made important contributions, which in turn have fostered the development of novel

theoretical foundations in Social Science and Economics, via mathematical approaches, agent-based modelling and numerical simulations. From these foundations, Computational Social Science has grown to incorporate as well the empirical component --aided by the recent data deluge from the Web 2.0 and 3.0-- , closing in this way the experiment-theory cycle in the best tradition of Physics. This book constitutes the refereed proceedings of the First International Conference on Big Scientific Data Management, BigSDM 2018, held in Beijing, Greece, in November/December 2018. The 24 full papers presented together with 7 short papers were carefully reviewed and selected from 86 submissions. The topics involved application cases in the big scientific data management, paradigms for enhancing scientific discovery through big data, data management challenges posed by big scientific data, machine learning methods to facilitate scientific discovery, science platforms and storage systems for large scale scientific applications, data cleansing and quality assurance of science data, and data policies. Oceans and Human Health highlights an unprecedented collaboration of environmental scientists, ecologists and physicians working together on this important new discipline, to the benefit of human health and ocean environmental integrity alike. Oceanography, toxicology, natural products chemistry, environmental microbiology, comparative animal physiology, epidemiology and public health are all long established areas of research in their own right and all contribute data and expertise to an integrated understanding of the ways in which ocean biology and chemistry affect human health for better or worse. This book introduces this topic to researchers and advanced students interested in this emerging field, enabling them to see how their research fits into the broader interactions between the aquatic environment and human health. Color illustrations of aquatic life and oceanic phenomena such as hurricanes and algal blooms Numerous case studies Socio-economic and Ethical Analyses place the science in a broader context Study questions for each chapter to assist students and instructors Risks and remedies sections to help define course modules for instruction DP's CTET SERIES: SOCIAL SCIENCE LAST YEAR PAPERS [CLASS 5-8]

KEYWORDS: Ctet previous year papers, ctet mock test practice sets, ctet success master arihant books, ctet paper 2 books maths and social science, ctet preparation book, htet, uptet, rajasthan tet reet, bihar tet, MPtet, child development and pedagogy ctet English hindi child psychology environment science CTET level 1, 2, bihar tet, Haryana tet, rajasthan tet, uttar Pradesh tet, Madhya Pradesh tet, Gujarat tet, chattisgarh tet, Jharkhand tet, uttarakhan tet, west Bengal tet, maharashtra tet This book constitutes the thoroughly refereed post conference papers of the 4th International Conference on Blockchain and Trustworthy Systems, Blocksys 2022, held in Chengdu, China, in August 2022. The 26 full papers were carefully reviewed and selected from 56 submissions. The papers are organized in topical sections: Trustworthy Systems; Blockchain; Private Computing. 2021-22 All IAS/PCS General Science & Technology Solved Papers #1 NEW YORK TIMES BESTSELLER • “The Uninhabitable Earth hits you like a comet, with an overflow of insanely lyrical prose about our pending Armageddon.”—Andrew Solomon, author of *The Noonday Demon* With a new afterword It is worse, much worse, than you think. If your anxiety about global warming is dominated by fears of sea-level rise, you are barely scratching the surface of what terrors are possible—food shortages, refugee emergencies, climate wars and economic devastation. An “epoch-defining book” (The Guardian) and “this generation’s Silent Spring” (The Washington Post), *The Uninhabitable Earth* is both a travelogue of the near future and a meditation on how that future will look to those living through it—the ways that warming promises to transform global politics, the meaning of technology and nature in the modern world, the sustainability of capitalism and the trajectory of human progress. *The Uninhabitable Earth* is also an impassioned call to action. For just as the world was brought to the brink of catastrophe within the span of a lifetime, the responsibility to avoid it now belongs to a single generation—today’s. Praise for *The Uninhabitable Earth* “The Uninhabitable Earth is the most terrifying book I have ever read. Its subject is climate change, and its method is scientific, but its mode is Old Testament. The book is a meticulously documented, white-knuckled tour through the cascading catastrophes that will soon engulf our warming planet.”—Farhad Manjoo, *The New York Times* “Riveting. . . . Some readers will find Mr. Wallace-Wells’s outline of possible futures alarmist. He is indeed alarmed. You should be, too.”—The Economist “Potent and evocative. . . . Wallace-Wells has resolved to offer something other than the standard narrative of climate change. . . . He avoids the ‘eerily banal language of climatology’ in favor of lush, rolling prose.”—Jennifer Szalai, *The New York Times* “The book has potential to be this generation’s Silent Spring.”—The Washington Post “The Uninhabitable Earth, which has become a best seller, taps into the underlying emotion of the day: fear. . . . I encourage people to read this book.”—Alan Weisman, *The New York Review of Books* This book examines collecting around the world and how women have participated in and formed collections globally. The edited volume builds on recent research and offers a wider lens through which to examine and challenge women’s collecting histories. Spanning from the seventeenth century to the twenty-first (although not organized chronologically) the research herein extends beyond European geographies and across time periods; it brings to light new research on how artificialia and naturallia were collected, transported, exchanged, and/or displayed beyond Europe. *Women, Collecting and Cultures Beyond Europe* considers collections as points of contact that forged transcultural connections and knowledge exchange. Some authors focus mainly on collectors and what was collected, while others consider taxonomies, travel, patterns of consumption, migration, markets, and the after life of things. In its broad and interdisciplinary approach, this book amplifies women’s voices, and aims to position their collecting practices toward new transcultural directions, including women’s relation to distinct cultures, customs, and beliefs as well as exposing the challenges women faced when carving a place for themselves within global networks. This study will be of interest to scholars working in collections and collecting, conservation, museum studies, art history, women’s studies, material and visual cultures, Indigenous studies, textile histories, global studies, history of science, social and cultural histories. Demonstrating the shortcomings of current policy and legal approaches to access and benefit-sharing (ABS) in the Convention on Biological Diversity (CBD), this book recognizes that genetic resources are widely distributed across countries and that bilateral contracts undermine fairness and equity. The book offers a practical and feasible regulatory alternative to ensure the goal of fairness and equity is effectively and efficiently met. Through a legal analysis that also incorporates historic, economic and sociological perspectives, the book argues that genetic resources are not tangible resources but information. It shows that the existing preference for bilateralism and contracts reflects resistance on the part of many of the stakeholders involved in the CBD process to recognize them as such. ABS issues respond very well to the economics of information, yet as the author explains, these have been either sidelined or overlooked. At a time when the Nagoya Protocol on ABS has renewed interest in feasible policy options, the author provides a constructive and provocative critique. The institutional, policy and regulatory framework constitute “bounded openness” under which fairness and equity emerge. The two-volume set LNCS 11944-11945 constitutes the proceedings of the 19th International Conference on Algorithms and Architectures for Parallel Processing, ICA3PP 2019, held in Melbourne, Australia, in December 2019. The 73 full and

29 short papers presented were carefully reviewed and selected from 251 submissions. The papers are organized in topical sections on: Parallel and Distributed Architectures, Software Systems and Programming Models, Distributed and Parallel and Network-based Computing, Big Data and its Applications, Distributed and Parallel Algorithms, Applications of Distributed and Parallel Computing, Service Dependability and Security, IoT and CPS Computing, Performance Modelling and Evaluation.

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