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Two girls on opposite sides of a war discover they're fighting for a common purpose—and falling for each other—in Zoe Hana Mikuta's high-octane debut Gearbreakers, perfect for fans of Pacific Rim, Pierce Brown's Red Rising Saga, and Marie Lu's Legend series. We went past praying to deities and started to build them instead The
shadow of Godolia's tyrannical rule is spreading, aided by their giant mechanized weapons known as Windups. War and oppression are everyday constants for the people of the Badlands, who live under the thumb of their cruel Godolia overlords. Eris Shindanai is a Gearbreaker, a brash young rebel who specializes in taking down Windups from the inside. When one of her missions goes awry and she finds herself in a Godolia prison, Eris meets Sona Steelcrest, a cybernetically enhanced Windup pilot. At first Eris sees Sona as her mortal enemy, but Sona has a secret: She has intentionally infiltrated the Windup program to destroy Godolia from within. As the clock ticks down to their deadliest mission yet, a direct attack to end Godolia's reign once and for all, Eris and Sona grow closer—as comrades, friends, and perhaps something more Praise for Gearbreakers: "An absolute joyride of a story set in a vivid, arresting world. Gearbreakers is sci-fi at its very finest, combining the grandeur of mecha fighting machines with the intimacy of (splendidly feral) found family. Zoe Hana Mikuta is a talent to be in awe of."—Chloe Gong, New York Times-bestselling author of These Violent Delights

BHUTAN is a smaller companion volume to the world's largest published book, the 5x7" photographic book called BHUTAN. This book opens to nearly three feet, and offers an eyeful of imagery from several expeditions across the legendary mountain kingdom. Teams from MIT and Friendly Planet traveled extensively with two young people, Choki Lhamo (age 14, a girl from Trongsa who aspires to be a doctor) and Gyelsey Loday (also 14, son of the head lama in far-off Phongmey). This book shares a bit of their beautiful corner of the world. Proceeds are largely tax-deductible and are donated to help Bhutan's schools and scholars.

As with any industry, the education sector goes through frequent changes due to modern technological advancements. It is every educator's duty to keep up with these shifting requirements and alter their teaching style to best fit the needs of their classroom. Pre-Service and In-Service Teacher Education: Concepts, Methodologies, Tools, and Applications explores the current state of pre-service teacher programs as well as continuing education initiatives for in-service educators. It also emphasizes the growing role of technology in teacher skill development and training as well as key pedagogical developments and methods. Highlighting a range of topics such as teacher preparation programs, teaching standards, and fieldwork and practicum experiences, this multi-volume book is designed for pre-service teachers, teacher educators, researchers, professionals, and academics in the education field.

The Monterey coast, home to an acclaimed aquarium and the setting for John Steinbeck's classic novel Cannery Row, was also the stage for a
historical junction of industry and tourism. Shaping the Shoreline looks at the ways in which Monterey has formed, and been formed by, the tension between labor and leisure. Connie Y. Chiang examines Monterey's development from a seaside resort into a working-class fishing town and, finally, into a tourist attraction again. Through the subjects of work, recreation, and environment -- the intersections of which are applicable to communities across the United States and abroad -- she documents the struggles and contests over this magnificent coastal region. By tracing Monterey's shift from what was once the literal Cannery Row to an iconic hub that now houses an aquarium in which nature is replicated to attract tourists, the interactions of people with nature continues to change. Drawing on histories of immigration, unionization, and the impact of national and international events, Chiang explores the reciprocal relationship between social and environmental change. By integrating topics such as race, ethnicity, and class into environmental history, Chiang illustrates the idea that work and play are not mutually exclusive endeavors. Universal Design in Higher Education looks at the design of physical and technological environments at institutions of higher education; at issues pertaining to curriculum and instruction; and at the full array of student services. Universal Design in Higher Education is a comprehensive guide for researchers and practitioners on creating fully accessible college and university programs. It is founded upon, and contributes to, theories of universal design in education that have been gaining increasingly wide attention in recent years. As greater numbers of students with disabilities attend postsecondary educational institutions, administrators have expressed increased interest in making their programs accessible to all students. This book provides both theoretical and practical guidance for schools as they work to turn this admirable goal into a reality. It addresses a comprehensive range of topics on universal design for higher education institutions, thus making a crucial contribution to the growing body of literature on special education and universal design. This book will be of unique value to university and college administrators, and to special education researchers, practitioners, and activists. Developments in technologies have evolved in a much wider use of technology throughout science, government, and business; resulting in the expansion of geographic information systems. GIS is the academic study and practice of presenting geographical data through a system designed to capture, store, analyze, and manage geographic information. Geographic Information Systems: Concepts, Methodologies, Tools, and Applications is a collection of knowledge on the latest advancements and research of geographic information
An Introduction to Statistical Learning provides an accessible overview of the field of statistical learning, an essential toolset for making sense of the vast and complex data sets that have emerged in fields ranging from biology to finance to marketing to astrophysics in the past twenty years. This book presents some of the most important modeling and prediction techniques, along with relevant applications. Topics include linear regression, classification, resampling methods, shrinkage approaches, tree-based methods, support vector machines, clustering, and more. Color graphics and real-world examples are used to illustrate the methods presented. Since the goal of this textbook is to facilitate the use of these statistical learning techniques by practitioners in science, industry, and other fields, each chapter contains a tutorial on implementing the analyses and methods presented in R, an extremely popular open source statistical software platform. Two of the authors co-wrote The Elements of Statistical Learning (Hastie, Tibshirani and Friedman, 2nd edition 2009), a popular reference book for statistics and machine learning researchers. An Introduction to Statistical Learning covers many of the same topics, but at a level accessible to a much broader audience. This book is targeted at statisticians and non-statisticians alike who wish to use cutting-edge statistical learning techniques to analyze their data. The text assumes only a previous course in linear regression and no knowledge of matrix algebra. Cluster analysis finds groups in data automatically. Most methods have been heuristic and leave open such central questions as: how many clusters are there? Which method should I use? How should I handle outliers? Classification assigns new observations to groups given previously classified observations, and also has open questions about parameter tuning, robustness and uncertainty assessment. This book frames cluster analysis and classification in terms of statistical models, thus yielding principled estimation, testing and prediction methods, and sound answers to the central questions. It builds the basic ideas in an accessible but rigorous way, with extensive data examples and R code; describes modern approaches to high-dimensional data and networks; and explains such recent advances as Bayesian regularization, non-Gaussian model-based clustering, cluster merging, variable selection, semi-supervised and robust classification, clustering of functional data, text and images, and co-clustering. Written for advanced undergraduates in data science, as well as researchers and practitioners, it assumes basic knowledge of multivariate calculus, linear algebra, probability and statistics. How Black women in the spotlight negotiate the post-
racial gaze of Hollywood and beyond. From Oprah Winfrey, Michelle Obama, and Shonda Rhimes to their audiences and the industry workers behind the scenes, Ralina L. Joseph considers the way that Black women are required to walk a tightrope. Do they call out racism only to face accusations of being called “racists”? Or respond to racism in code only to face accusations of selling out? Postracial Resistance explores how African American women celebrities, cultural producers, and audiences employ postracial discourse—the notion that race and race-based discrimination are over and no longer affect people’s everyday lives—to refute postracialism itself. In a world where they’re often written off as stereotypical “Angry Black Women,” Joseph offers that some Black women in media use “strategic ambiguity,” deploying the failures of post-racial discourse to name racism and thus resist it. In Postracial Resistance, Joseph listens to and observes Black women as they perform and negotiate race in strategic ambiguity. Using three methods of media analysis—textual readings of the media’s representation of these women; interviews with writers, producers, and studio executives; and audience ethnographies of young women viewers—Joseph maps the tensions and strategies that all Black women must engage to challenge the racialized sexism of everyday life, on- and off-screen.

Real-Time Systems Engineering and Applications is a well-structured collection of chapters pertaining to present and future developments in real-time systems engineering. After an overview of real-time processing, theoretical foundations are presented. The book then introduces useful modeling concepts and tools. This is followed by concentration on the more practical aspects of real-time engineering with a thorough overview of the present state of the art, both in hardware and software, including related concepts in robotics. Examples are given of novel real-time applications which illustrate the present state of the art. The book concludes with a focus on future developments, giving direction for new research activities and an educational curriculum covering the subject. This book can be used as a source for academic and industrial researchers as well as a textbook for computing and engineering courses covering the topic of real-time systems engineering.

A complete guide to the key statistical concepts essential for the design and construction of clinical trials. As the newest major resource in the field of medical research, Methods and Applications of Statistics in Clinical Trials, Volume 1: Concepts, Principles, Trials, and Designs presents a timely and authoritative review of the central statistical concepts used to build clinical trials that obtain the best results. The reference unveils modern approaches vital to understanding, creating, and evaluating data obtained.
throughout the various stages of clinical trial design and analysis. Accessible and comprehensive, the first volume in a two-part set includes newly-written articles as well as established literature from the Wiley Encyclopedia of Clinical Trials. Illustrating a variety of statistical concepts and principles such as longitudinal data, missing data, covariates, biased-coin randomization, repeated measurements, and simple randomization, the book also provides in-depth coverage of the various trial designs found within phase I-IV trials. Methods and Applications of Statistics in Clinical Trials, Volume 1: Concepts, Principles, Trials, and Designs also features: Detailed chapters on the type of trial designs, such as adaptive, crossover, group-randomized, multicenter, non-inferiority, non-randomized, open-labeled, preference, prevention, and superiority trials Over 100 contributions from leading academics, researchers, and practitioners An exploration of ongoing, cutting-edge clinical trials on early cancer and heart disease, mother-to-child human immunodeficiency virus transmission trials, and the AIDS Clinical Trials Group Methods and Applications of Statistics in Clinical Trials, Volume 1: Concepts, Principles, Trials, and Designs is an excellent reference for researchers, practitioners, and students in the fields of clinical trials, pharmacetics, biostatistics, medical research design, biology, biomedicine, epidemiology, and public health. Peterson's Graduate Programs in Pathology & Pathobiology; Pharmacology & Toxicology; Physiology; and Zoology contains a wealth of information on universities that offer graduate/professional degrees in these fields that include Molecular Pathogenesis, Molecular Pathology, Molecular Pharmacology, Molecular Toxicology, Cardiovascular Sciences, Molecular Physiology, and Animal Behavior. Up-to-date data, collected through Peterson's Annual Survey of Graduate and Professional Institutions, provides valuable information on degree offerings, professional accreditation, jointly offered degrees, part-time and evening/weekend programs, postbaccalaureate distance degrees, faculty, students, degree requirements, entrance requirements, expenses, financial support, faculty research, and unit head and application contact information. Readers will find helpful links to in-depth descriptions that offer additional detailed information about a specific program or department, faculty members and their research, and much more. In addition, there are valuable articles on financial assistance, the graduate admissions process, advice for international and minority students, and facts about accreditation, with a current list of accrediting agencies. Advances in Conservation Research and Application: 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information
about Ecology Environment and Conservation. The editors have built Advances in Conservation Research and Application: 2011 Edition on the vast information databases of ScholarlyNews™. You can expect the information about Ecology Environment and Conservation in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Advances in Conservation Research and Application: 2011 Edition has been produced by the world’s leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at http://www.ScholarlyEditions.com/.

NEW YORK TIMES BESTSELLER • This sweeping novel from the author of A Long Petal of the Sea tells the epic story of Violeta Del Valle, a woman whose life spans one hundred years and bears witness to the greatest upheavals of the twentieth century. ONE OF THE MOST ANTICIPATED BOOKS OF 2022—Oprah Daily, The Washington Post, Business Insider, Marie Claire, Bustle, Ms. magazine, PopSugar, The Week, Electric Lit, The Millions, She Reads, Lit Hub, Book Riot

Violeta comes into the world on a stormy day in 1920, the first girl in a family with five boisterous sons. From the start, her life is marked by extraordinary events, for the ripples of the Great War are still being felt, even as the Spanish flu arrives on the shores of her South American homeland almost at the moment of her birth. Through her father’s prescience, the family will come through that crisis unscathed, only to face a new one as the Great Depression transforms the genteel city life she has known. Her family loses everything and is forced to retreat to a wild and beautiful but remote part of the country. There, she will come of age, and her first suitor will come calling. She tells her story in the form of a letter to someone she loves above all others, recounting times of devastating heartbreak and passionate affairs, poverty and wealth, terrible loss and immense joy. Her life is shaped by some of the most important events of history: the fight for women’s rights, the rise and fall of tyrants, and ultimately not one, but two pandemics. Through the eyes of a woman whose unforgettable passion, determination, and sense of humor carry her through a lifetime of upheaval, Isabel Allende once more brings us an epic that is both fiercely inspiring and deeply emotional.

A NEW YORK TIMES NOTABLE BOOK OF 2020 From award-winning higher education journalist and New York Times bestselling author Jeffrey Selingo comes a revealing look from inside the admissions office—one
that identifies surprising strategies that will aid in the college search. Getting into a top-ranked college has never seemed more impossible, with acceptance rates at some elite universities dipping into the single digits. In Who Gets In and Why, journalist and higher education expert Jeffrey Selingo dispels entrenched notions of how to compete and win at the admissions game, and reveals that teenagers and parents have much to gain by broadening their notion of what qualifies as a “good college.” Hint: it’s not all about the sticker on the car window. Selingo, who was embedded in three different admissions offices—a selective private university, a leading liberal arts college, and a flagship public campus—closely observed gatekeepers as they made their often agonizing and sometimes life-changing decisions. He also followed select students and their parents, and he traveled around the country meeting with high school counselors, marketers, behind-the-scenes consultants, and college rankers. While many have long believed that admissions is merit-based, rewarding the best students, Who Gets In and Why presents a more complicated truth, showing that “who gets in” is frequently more about the college’s agenda than the applicant. In a world where thousands of equally qualified students vie for a fixed number of spots at elite institutions, admissions officers often make split-second decisions based on a variety of factors—like diversity, money, and, ultimately, whether a student will enroll if accepted. One of the most insightful books ever about “getting in” and what higher education has become, Who Gets In and Why not only provides an usually intimate look at how admissions decisions get made, but guides prospective students on how to honestly assess their strengths and match with the schools that will best serve their interests.

Educators play a significant role in the intellectual and social development of children and young adults. Next-generation teachers can only be as strong as their own educational foundation which serves to cultivate their knowledge of the learning process, uncover best practices in the field of education, and employ leadership abilities that will inspire students of all ages. Teacher Education: Concepts, Methodologies, Tools, and Applications explores the current state of pre-service teacher programs as well as continuing education initiatives for in-service educators. Emphasizing the growing role of technology in teacher skill development and training as well as key teaching methods and pedagogical developments, this multi-volume work compiles research essential to higher education professionals and administrators, educational software developers, and researchers studying pre-service and in-service teacher training. Peterson's Graduate Programs in Engineering & Applied Sciences contains a wealth of information on
colleges and universities that offer graduate degrees in the fields of Aerospace/Aeronautical Engineering; Agricultural Engineering & Bioengineering; Architectural Engineering, Biomedical Engineering & Biotechnology; Chemical Engineering; Civil & Environmental Engineering; Computer Science & Information Technology; Electrical & Computer Engineering; Energy & Power engineering; Engineering Design; Engineering Physics; Geological, Mineral/Mining, and Petroleum Engineering; Industrial Engineering; Management of Engineering & Technology; Materials Sciences & Engineering; Mechanical Engineering & Mechanics; Ocean Engineering; Paper & Textile Engineering; and Telecommunications. Up-to-date data, collected through Peterson's Annual Survey of Graduate and Professional Institutions, provides valuable information on degree offerings, professional accreditation, jointly offered degrees, part-time and evening/weekend programs, postbaccalaureate distance degrees, faculty, students, degree requirements, entrance requirements, expenses, financial support, faculty research, and unit head and application contact information. As an added bonus, readers will find a helpful "See Close-Up" link to in-depth program descriptions written by some of these institutions. These Close-Ups offer detailed information about the specific program or department, faculty members and their research, and links to the program Web site. In addition, there are valuable articles on financial assistance and support at the graduate level and the graduate admissions process, with special advice for international and minority students. Another article discusses important facts about accreditation and provides a current list of accrediting agencies.

We live in a highly connected world with multiple self-interested agents interacting and myriad opportunities for conflict and cooperation. The goal of game theory is to understand these opportunities. This book presents a rigorous introduction to the mathematics of game theory without losing sight of the joy of the subject. This is done by focusing on theoretical highlights (e.g., at least six Nobel Prize winning results are developed from scratch) and by presenting exciting connections of game theory to other fields such as computer science (algorithmic game theory), economics (auctions and matching markets), social choice (voting theory), biology (signaling and evolutionary stability), and learning theory. Both classical topics, such as zero-sum games, and modern topics, such as sponsored search auctions, are covered. Along the way, beautiful mathematical tools used in game theory are introduced, including convexity, fixed-point theorems, and probabilistic arguments. The book is appropriate for a first course in game theory at either the undergraduate or graduate level, whether in
mathematics, economics, computer science, or statistics. The importance of game-theoretic thinking transcends
the academic setting—for every action we take, we must consider not only its direct effects, but also how it
influences the incentives of others. This book provides a hands-on approach to numerical continuation and
bifurcation for nonlinear PDEs in 1D, 2D, and 3D. Partial differential equations (PDEs) are the main tool to
describe spatially and temporally extended systems in nature. PDEs usually come with parameters, and the study
of the parameter dependence of their solutions is an important task. Letting one parameter vary typically yields a
branch of solutions, and at special parameter values, new branches may bifurcate. After a concise review of some
analytical background and numerical methods, the author explains the free MATLAB package pde2path by using
a large variety of examples with demo codes that can be easily adapted to the reader’s given problem. Numerical
Continuation and Bifurcation in Nonlinear PDEs will appeal to applied mathematicians and scientists from physics,
chemistry, biology, and economics interested in the numerical solution of nonlinear PDEs, particularly the
parameter dependence of solutions. It can be used as a supplemental text in courses on nonlinear PDEs and
modeling and bifurcation. Culturally Sustaining Pedagogies raises fundamental questions about the purpose of
schooling in changing societies. Bringing together an intergenerational group of prominent educators and
researchers, this volume engages and extends the concept of culturally sustaining pedagogy (CSP)—teaching that
perpetuates and fosters linguistic, literate, and cultural pluralism as part of schooling for positive social
transformation. The authors propose that schooling should be a site for sustaining the cultural practices of
communities of color, rather than eradicating them. Chapters present theoretically grounded examples of how
educators and scholars can support Black, Indigenous, Latinx, Asian/Pacific Islander, South African, and
immigrant students as part of a collective movement towards educational justice in a changing world. Book
Features: A definitive resource on culturally sustaining pedagogies, including what they look like in the classroom
and how they differ from deficit-model approaches. Examples of teaching that sustain the languages, literacies,
and cultural practices of students and communities of color. Contributions from the founders of such lasting
educational frameworks as culturally relevant pedagogy, funds of knowledge, cultural modeling, and third space.
Contributors: H. Samy Alim, Mary Bucholtz, Dolores Inés Casillas, Michael Domínguez, Nelson Flores, Norma
Gonzalez, Kris D. Gutiérrez, Adam Haupt, Amanda Holmes, Jason G. Irizarry, Patrick Johnson, Valerie Kinloch,
Gloria Ladson-Billings, Carol D. Lee, Stacey J. Lee, Tiffany S. Lee, Jin Sook Lee, Teresa L. McCarty, Django Paris, Courtney Pena, Jonathan Rosa, Timothy J. San Pedro, Daniel Walsh, Casey Wong “All teachers committed to justice and equity in our schools and society will cherish this book.” —Sonia Nieto, professor emerita, University of Massachusetts, Amherst “This book is for educators who are unafraid of using education to make a difference in the lives of the most vulnerable.” —Pedro Noguera, University of California, Los Angeles “This book calls for deep, effective practices and understanding that centers on our youths’ assets.” —Prudence L. Carter, dean, Graduate School of Education, UC Berkeley The delivery of quality education to students relies heavily on the actions of an institution’s administrative staff. Effective leadership strategies allow for the continued progress of modern educational initiatives. Educational Leadership and Administration: Concepts, Methodologies, Tools, and Applications provides comprehensive research perspectives on the multi-faceted issues of leadership and administration considerations within the education sector. Emphasizing theoretical frameworks, emerging strategic initiatives, and future outlooks, this publication is an ideal reference source for educators, professionals, school administrators, researchers, and practitioners in the field of education. A little-known story of mutiny and murder illustrating the centrality of smuggling and slavery in early American society On the night of June 1, 1743, terror struck the schooner Rising Sun. After completing a routine smuggling voyage where the crew sold enslaved Africans in exchange for chocolate, sugar, and coffee in the Dutch colony of Suriname, the ship traveled eastward along the South American coast. Believing there was an opportunity to steal the lucrative cargo and make a new life for themselves, three sailors snuck below deck, murdered four people, and seized control of the vessel. Mutiny on the Rising Sun recounts the origins, events, and eventual fate of the Rising Sun’s final smuggling voyage in vivid detail. Starting from that horrible night in June 1743, it narrates a deeply human history of smuggling, providing an incredible story of those caught in the webs spun by illicit commerce. The case generated a rich documentary record that illuminates an international chocolate smuggling ring, the lives of the crew and mutineers, and the harrowing experience of the enslaved people trafficked by the Rising Sun. Smuggling stood at the center of the lives of everyone involved with the business of the schooner. Larger forces, such as imperial trade restrictions, created the conditions for smuggling, but individual actors, often driven by raw ambition and with little regard for the consequences of their actions, designed, refined, and perpetuated this illicit commerce. At
once startling and captivating, Mutiny on the Rising Sun shows how illegal trade created demand for exotic products like chocolate, and how slavery and smuggling were integral to the development of American capitalism. Peterson's Graduate Programs in the Humanities contains a wealth of information on colleges and universities that offer graduate work in History, Humanities, Language & Literature, Linguistic Studies, Philosophy & Ethics, Religious Studies, and Writing. Institutions listed include those in the United States, Canada, and abroad that are accredited by U.S. accrediting agencies. Up-to-date data, collected through Peterson's Annual Survey of Graduate and Professional Institutions, provides valuable information on degree offerings, professional accreditation, jointly offered degrees, part-time and evening/weekend programs, postbaccalaureate distance degrees, faculty, students, degree requirements, entrance requirements, expenses, financial support, faculty research, and unit head and application contact information. Readers will find helpful links to in-depth descriptions that offer additional detailed information about a specific program or department, faculty members and their research, and much more. In addition, there are valuable articles on financial assistance, the graduate admissions process, advice for international and minority students, and facts about accreditation, with a current list of accrediting agencies. The three-volume set LNCS 8009-8011 constitutes the refereed proceedings of the 7th International Conference on Universal Access in Human-Computer Interaction, UAHCI 2013, held as part of the 15th International Conference on Human-Computer Interaction, HCI 2013, held in Las Vegas, USA in July 2013, jointly with 12 other thematically similar conferences. The total of 1666 papers and 303 posters presented at the HCI 2013 conferences was carefully reviewed and selected from 5210 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation 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 total of 230 contributions included in the UAHCI proceedings were carefully reviewed and selected for inclusion in this three-volume set. The 78 papers included in this volume are organized in the following topical sections: universal access to smart environments and ambient assisted living; universal access to learning and education; universal access to text, books, ebooks and digital libraries; health, well-being, rehabilitation and medical applications; access to mobile interaction. Intergroup dialogue has emerged as an effective educational and
community building method to bring together members of diverse social and cultural groups to engage in learning together so that they may work collectively and individually to promote greater diversity, equality and justice. Intergroup dialogues bring together individuals from different identity groups (such as people of color and white people; women and men; lesbian, gay, and bisexual people and heterosexual people), and uses explicit pedagogy that involves three important features: content learning, structured interaction, and facilitative guidance. The least understood role in the pedagogy is that of facilitation. This volume, the first dedicated entirely to intergroup dialogue facilitation, draws on the experiences of contributors and on emerging research to address the multi-dimensional role of facilitators and co-facilitators, the training and support of facilitators, and ways of improving practice in both educational and community settings. It constitutes a comprehensive guide for practitioners, covering the theoretical, conceptual, and practical knowledge they need. Presenting the work and insights of scholars, practitioners and scholar-practitioners who train facilitators for intergroup dialogues, this book bridges the theoretical and conceptual foundations of intergroup relations and social justice education with training models for intergroup dialogue facilitation. It is intended for staff, faculty, and administrators in higher education, and community agencies, as well as for human resources departments in workplaces. Contributors: Charles Behling, University of Michigan, Ann Arbor, The Program on Intergroup Relations Barry Checkoway, University of Michigan, Ann Arbor, School of Social Work Mark Chesler, University of Michigan, Ann Arbor, The Program on Intergroup Relations Keri De Jong, University of Massachusetts at Amherst, School of Education Roger Fisher, University of Michigan, Ann Arbor, The Program on Intergroup Relations Nichola G. Fulmer Patricia Gurin, University of Michigan, Ann Arbor, The Program on Intergroup Relations Tanya Kachwaha, University of Massachusetts at Amherst, School of Education Christina Kelleher, Institute for Sustained Dialogue, Sustained Dialogue Campus Network Ariel Kirkland, Occidental College, Student facilitator James Knauer, Lock Haven University of Pennsylvania, Democracy Lab Joyceelyn Landrum-Brown, University of Illinois at Urbana-Champaign, Program on Intergroup Relations Shaquanda D. Lindsey, Occidental College, Student facilitator David J. Martineau, Washington University, St. Louis, School of Social Work Kelly E. Maxwell Biren (Ratnesh) A. Nagda Teddy Nemeroff, Institute for Sustained Dialogue, Sustained Dialogue Campus Network Romina Pacheco, University of Massachusetts at Amherst, School of Education Priya Parker, Institute for Sustained Dialogue.
Sustained Dialogue Campus Network Jaclyn Rodríguez, Occidental College, Department of Psychology Andrea C. Rodríguez-Scheel, Occidental College, Student facilitator Michael S. Spencer, University of Michigan, Ann Arbor, School of Social Work Monita C. Thompson Norma Timbang Thai Hung V. Tran Carolyn Vasques-Scalera, Independent Scholar Thomas E. Walker, University of Denver, Center for Multicultural Excellence Kathleen Wong (Lau), Arizona State University/Western Michigan University, Intergroup Relations Center/Intercultural Communication Anna M. Yeakley, Independent Intergroup Dialogue Consultant Ximena Zúñiga, University of Massachusetts at Amherst, School of Education

This book constitutes the refereed proceedings of the 8th International Conference on Combinatorial Optimization and Applications, COCOA 2014, held on the island of Maui, Hawaii, USA, in December 2014. The 56 full papers included in the book were carefully reviewed and selected from 133 submissions. Topics covered include classic combinatorial optimization; geometric optimization; network optimization; optimization in graphs; applied optimization; CSOnet; and complexity, cryptography, and games.

"Billy Frank, Jr., has been celebrated as a visionary, but if we go deeper and truer, we learn that he is best understood as a plainspoken bearer of traditions, a messenger, passing along messages from his father, from his grandfather, from those further back, from all Indian people, really. They are messages about the natural world, about societies past, about this society, and about societies to come. When examined rigorously - not out of any romanticism but only out of our own enlightened self-interest - these messages can be of great practical use to us in this and future years." - Charles Wilkinson, from the Introduction

In 1974 Federal Judge George H. Boldt issued one of the most sweeping rulings in the history of the Pacific Northwest, affirming the treaty rights of Northwest tribal fishermen and allocating to them 50 percent of the harvestable catch of salmon and steelhead. Among the Indians testifying in Judge Boldt’s courtroom were Nisqually tribal leader Billy Frank, Jr., and his 95-year-old father, whose six acres along the Nisqually River, known as Frank’s Landing, had been targeted for years by state game wardens in the so-called Fish Wars. By the 1960s the Landing had become a focal point for the assertion of tribal treaty rights in the Northwest. It also lay at the moral center of the tribal sovereignty movement nationally. The confrontations at the Landing hit the news and caught the conscience of many. Like the schoolhouse steps at Little Rock, or the bridge at Selma, Frank's Landing came to signify a threshold for change, and Billy Frank, Jr., became a leading architect of consensus, a role he continues today as
one of the most colorful and accomplished figures in the modern history of the Pacific Northwest. In Messages from Frank's Landing, Charles Wilkinson explores the broad historical, legal, and social context of Indian fishing rights in the Pacific Northwest, providing a dramatic account of the people and issues involved. He draws on his own decades of experience as a lawyer working with Indian people, and focuses throughout on Billy Frank and the river flowing past Frank's Landing. In all aspects of Frank's life as an activist, from legal settlements negotiated over salmon habitats destroyed by hydroelectric plants, to successful negotiations with the U.S. Army for environmental protection of tribal lands, Wilkinson points up the significance of the traditional Indian world view - the powerful and direct legacy of Frank's father, conveyed through generations of Indian people who have crafted a practical working philosophy and a way of life. Drawing on many hours spent talking and laughing with Billy Frank while canoeing the Nisqually watershed, Wilkinson conveys words of respect and responsibility for the earth we inhabit and for the diverse communities the world encompasses. These are the messages from Frank's Landing. Wilkinson brings welcome clarity to complex legal issues, deepening our insight into a turbulent period in the political and environmental history of the Northwest. "The Boldt decision profoundly changed natural resource management in the Pacific Northwest. This book clearly builds an historical base to help guide us today. The wisdom and patience of Billy Frank fill virtually every page. It is required reading for anyone interested in salmon preservation." - Governor Daniel J. Evans "Charles Wilkinson evokes the character and culture of the Nisqually people as well as their deep love for their land. From Chief Leschi to Billy Frank, we see the long thread of cultural continuity, culminating in modern times with this fight for justice." - Ada Deer (Menominee), University of Wisconsin-Madison Charles Wilkinson is Moses Lasky Professor of Law at the University of Colorado, Boulder. He is the author of Fire on the Plateau: Conflict and Endurance in the American Southwest and numerous other books, including standard texts on Indian and Federal public land law. Construction Cost Estimating equips a new generation of students and early-career professionals with the skills they need to bid successfully on projects. From developing bid strategies to submitting a completed bid, this innovative textbook introduces the fundamentals of construction estimating through a real-life case study that unfolds across its 24 chapters. Exercises at the end of each chapter offer hands-on practice with core concepts such as quantity take-offs, pricing, and estimating for subcontractor work. Online resources provide instant access to examples of authentic
construction documents, including complete, detailed direct work estimates, subcontractor work estimates, general conditions estimates, markups, and summary schedules. Through its unique mix of real-world examples and classroom-tested insights, Construction Cost Estimating ensures that readers are familiar with the entire estimating process even before setting foot on the jobsite.

This book constitutes the proceedings of the First International Workshop on Dynamic Logic, DALI 2017, held in Brasilia, Brazil, in September 2017. Both its theoretical relevance and practical potential make Dynamic Logic a topic of interest in a number of scientific venues, from wide-scope software engineering conferences to modal logic specific events. The workshop is promoted by an R&D project on dynamic logics for cyber-physical systems. The 12 full papers presented in this volume were carefully reviewed and selected from 25 submissions. The workshop is based on the project DaLí – Dynamic logics for cyber-physical systems: towards contract based design.

One of the only texts in the field to cover the history, methodology, and practice of bioethics. The text is broken into three informative sections: the first addresses the history or bioethics, explaining its emergences as discipline and discourse; the second looks carefully at ethical reasoning and the justification of moral beliefs; and the final section asks students to turn a critical eye to the topic of bioethics, including ethical issues that arise at the beginning and end of life.

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