

## G Mart

Allan Wildman presents the first detailed study of the Army's collapse under the strains of war and of the front soldiers' efforts to participate in the Revolution. Originally published in 1980. The Princeton Legacy Library uses the latest print-on-demand technology to again make available previously out-of-print books from the distinguished backlist of Princeton University Press. These editions preserve the original texts of these important books while presenting them in durable paperback and hardcover editions. The goal of the Princeton Legacy Library is to vastly increase access to the rich scholarly heritage found in the thousands of books published by Princeton University Press since its founding in 1905.

An up-to-date, self-contained introduction to a state-of-the-art machine learning approach, *Ensemble Methods: Foundations and Algorithms* shows how these accurate methods are used in real-world tasks. It gives you the necessary groundwork to carry out further research in this evolving field. After presenting background and terminology, the book covers the main algorithms and theories, including Boosting, Bagging, Random Forest, averaging and voting schemes, the Stacking method, mixture of experts, and diversity measures. It also discusses multiclass extension, noise tolerance, error-ambiguity and bias-variance decompositions, and recent progress in information theoretic diversity. Moving on to more advanced topics, the author explains how to achieve better performance through ensemble pruning and how to generate better clustering results by combining multiple clusterings. In addition, he describes developments of ensemble methods in semi-supervised learning, active learning, cost-sensitive learning, class-imbalance learning, and comprehensibility enhancement.

The International Conference on Exotic Nuclei and Atomic Masses (ENAM) has gained the status of the premier meeting for the physics of nuclei far from stability. The selected and refereed papers presenting the main results constitute valuable proceedings that offer everyone working in this field an authoritative and comprehensive source of reference.

**NEW YORK TIMES BEST SELLER • A Best Book of 2021:** Entertainment Weekly, Good Morning America, Wall Street Journal, and more From the indie rockstar of Japanese Breakfast fame, and author of the viral 2018 New Yorker essay that shares the title of this book, an unflinching, powerful memoir about growing up Korean American, losing her mother, and forging her own identity. In this exquisite story of family, food, grief, and endurance, Michelle Zauner proves herself far more than a dazzling singer, songwriter, and guitarist. With humor and heart, she tells of growing up one of the few Asian American kids at her school in Eugene, Oregon; of struggling with her mother's particular, high expectations of her; of a painful adolescence; of treasured months spent in her grandmother's tiny apartment in Seoul, where she and her mother would bond, late at night, over heaping plates of food. As she grew up, moving to the East Coast for college, finding work in the restaurant industry, and performing gigs with her fledgling band--and meeting the man who would become her husband--her Koreanness began to feel ever more distant, even as she found the life she wanted to live. It was her mother's diagnosis of terminal cancer, when Michelle was twenty-five, that forced a reckoning with her identity and brought her to reclaim the gifts of taste, language, and history her mother had given her. Vivacious and plainspoken, lyrical and honest, Zauner's voice is as radiantly alive on the page as it is onstage. Rich with intimate anecdotes that will resonate widely, and complete with family photos, *Crying in H Mart* is a book to cherish, share, and reread.

This book collects extended and specialized reviews on topics linking astrophysics and particle physics at a level between a graduate student and a young researcher. The book also includes three reviews on observational techniques used in forefront astrophysics and short articles on research performed in Latin America. The reviews, updated and written by specialized researchers, describe the state of the art in the related research topics.

This volume contains the main contributions to the 14th International Conference on Recent Progress in Many-Body Theories (RPMBT14) held at the Technical University of Catalonia, Spain, in July 2007. This conference, which was first held in Trieste in 1979, is devoted to new developments in the field of many-body theories, which are being applied and developed in a rapidly growing number of fields. The emphasis is twofold: progress in the technical aspects of microscopic theories and a review of recent applications of many-body techniques. In addition to the more traditional topics, such as nuclear physics and quantum liquids, the present volume also includes the most recent results on atomic physics, cold Bose and Fermi gases, phase transitions and quantum information. Moreover, the volume contains the lectures of the winners of the 2007 Feenberg Medal and 2007 Kuemmel Award, as well as their laudatios.

This new collection of documents helps students understand the complex texture of Russian public rhetoric and popular debate during World War I and the 1917 Revolution. \* More than 300 original documents from the national and local press and from unpublished provincial archival materials, all carefully edited and annotated and either translated into English for the first time or presented in new translations \* A chronology of major events in Russia for the period from summer 1914 to mid-January 1918 \* Cartoons that appeared in the national and local press in 1917 \* A map of Russia in 1917 showing the locations of important cities and geographical features

Supernovae are among the most energetic phenomena in the Universe and - lated to almost all aspects of modern astrophysics including starburst gal- ies, cosmic ray acceleration, neutron star and black hole formation, nuc- osynthesis and ISM chemical enrichment, energy input to the ISM, cosmic distance scale determination, dark energy related cosmological acceleration, gamma-ray bursts, extra-solar system neutrino burst detection, gravity wave generation, and many more. Additionally, the past 15 years have been p- ticularly productive with many new results and new understanding due in particular to the closest SN in 400 years in SN 1987A in the Large M- ellanic Cloud, and the unusually bright and close SN 1993J and SN 1994I in the nearby galaxies M81 and M51, respectively. In addition, the disc- ery of the ?-ray burst GRB 980425 and its related supernova SN 1998bw, and the con?rmation of GRB 030329/SN 2003dh, tied the study of SNe and GRBs inextricably together. With the many developments since the last - jor supernova meeting in La Serena, Chile in 1997, we felt that it was an appropriate time to bring together experts and students interested in the subject for a meeting where SN and GRB properties and interrelationships could be discussed. The tenth anniversary of SN 1993J provided such an - portunity and, appropriately, the meeting was held in Spain where SN 1993J was discovered on the early morning of 28 March 1993 by a Spanish amateur astronomer, Francisco Garc ?a.

Metamaterials represent a new emerging innovative field of research which has shown rapid acceleration over the last couple of years. In this handbook, we present the richness of the field of metamaterials in its widest sense, describing artificial media with sub-wavelength structure for control over wave propagation in four volumes. Volume 1 focuses on the fundamentals of electromagnetic metamaterials in all their richness, including metasurfaces and hyperbolic metamaterials. Volume 2 widens the picture to include elastic, acoustic, and seismic systems, whereas Volume 3 presents nonlinear and active photonic metamaterials. Finally, Volume 4 includes recent progress in the field of nanoplasmonics, used extensively for the tailoring of the unit cell response of photonic metamaterials. In its totality, we hope that this handbook will be useful for a wide spectrum of readers, from students to active researchers in industry, as well as teachers of advanced courses on wave propagation. Contents: Volume 1: Electromagnetic Metamaterials (Ekaterina Shamonina): Preface Electromagnetic Metamaterials: Homogenization and Effective Properties of Mixtures (Ari Sihvola) Effective Medium Theory of Electromagnetic and Quantum Metamaterials (Mário G Silveirinha) Hyperbolic Metamaterials (Igor I Smolyaninov) Circuit and Analytical Modelling of Extraordinary Transmission Metamaterials (Francisco Medina, Francisco Mesa, Raul Rodríguez-Berral and Carlos Molero) Electromagnetic Metasurfaces: Synthesis, Realizations and Discussions (Karim Achouri and Christophe Caloz) Metasurfaces for General Control of Reflection and Transmission (Sergei Tretyakov, Viktor Asadchy and Ana Díaz-Rubio) Scattering at the Extreme with Metamaterials and Plasmonics (Francesco Monticone and Andrea Alù) All-Dielectric Nanophotonics: Fundamentals, Fabrication, and Applications (Alexander Krasnok, Roman Savelev, Denis Baranov and Pavel Belov) Tunable Metamaterials (Ilya V Shadrivov and Dragomir N Neshev) Spatial Solitonic and Nonlinear Plasmonic Aspects of Metamaterials (Allan D Boardman, Alesandro Alberucci, Gaetano Assanto, Yu G Rapoport, Vladimir V Grimalsky, Vasyl M Ivchenko and Eugen N Tkachenko) Metamaterial Catheter Receivers for Internal Magnetic Resonance Imaging (Richard R A Syms, Ian R Young and Laszlo Solymar) Microwave Sensors Based on Symmetry Properties and Metamaterial Concepts (Jordi Naqui, Ali K Horestani, Christophe Fumeaux and Ferran Martín) Volume 2: Elastic, Acoustic, and Seismic Metamaterials (Richard Craster and Sébastien Guenneau): Preface Dynamic Homogenization of Acoustic and Elastic Metamaterials and Phononic Crystals (Richard Craster, Tryfon Antonakakis and Sébastien Guenneau) Acoustic Metamaterial (Nicholas Fang, Jun Xu, Navid Nemat, Nicolas Viard and Denis Lafarge) Flat Lens Focusing of Flexural Waves in Thin Plates (Patrick Sebbah and Marc Dubois) Space-Time Cloaking (Martin W McCall and Paul Kinsler) Soda Cans Metamaterial: Homogenization and Beyond (Fabrice Lemoult, Geoffroy Lerosey, Nadège Kaïna and Mathias Fink) New Trends Toward Locally-Resonant Metamaterials at the Mesoscopic Scale (Philippe Roux, Matthieu Rupin, Fabrice Lemoult, Geoffroy Lerosey, Andrea Colombi, Richard Craster, Sébastien Guenneau, William A Kuperman and Earl G Williams) Seismic Metamaterials: Controlling Surface Rayleigh Waves Using Analogies with Electromagnetic Metamaterials (Stéphane Brûlé, Stefan Enoch, Sébastien Guenneau and

Digital Libraries are complex and advanced forms of information systems which extend and augment their physical counterparts by amplifying existing resources and services and enabling development of new kinds of human problem solving and expression. Their complexity arises from the data-rich domain of discourse as well as from extended demands for multi-disciplinary input, involving distributed systems architectures, structured digital documents, collaboration support, human-computer interaction, information filtering, etc. In addition to the broad range of technical issues, ethics and intellectual property rights add to the complication that is normally associated with the development, maintenance, and use of Digital Libraries. The Second European Conference on Digital Libraries (ECDL'98) builds upon the success of the first of this series of European Conferences on Research and Advanced Technology for Digital Libraries, held last year in Pisa, Italy, September 1-3, 1997. This series of conferences is partially funded by the TMR Programme of the European Commission and is actively supported and promoted by the European Research Consortium on Informatics and Mathematics (ERCIM). The aim is to bring together the different communities involved in the development of Digital Libraries, to review progress and to discuss strategies, research and technological development (RTD) issues, as well as specific topics related to the European context. These communities include professionals from universities, research centres, industry, government agencies, public libraries, etc.

This book contains a collection of research papers in mathematical finance covering recent advances in arbitrage, credit and asymmetric information risks. These subjects have attracted academic and practical attention, in particular after the international financial crisis. The volume is split into three parts which treat each of these topics. Contents: Arbitrage: No-arbitrage Conditions and Absolutely Continuous Changes of Measure (Claudio Fontana) A Systematic Approach to Constructing Market Models with Arbitrage (Johannes Ruf and Wolfgang J Runggaldier) On the Existence of Martingale Measures in Jump Diffusion Market Models (Jacopo Mancin and Wolfgang J Runggaldier) Arbitrages in a Progressive Enlargement Setting (Anna Aksamit, Tahir Choulli, Jun Deng and Monique Jeanblanc) Credit Risk: Pricing Credit Derivatives with a Structural Default Model (Sébastien Hitier and Ying Zhu) Reduced-Form Modeling of Counterparty Risk on Credit Derivatives (Stéphane Crépey) Dynamic One-default Model (Shiqi Song) Stochastic Sensitivity Study for Optimal Credit Allocation (Laurence Carassus and Simone Scotti) Control Problem and Information Risks: Discrete-Time Multi-Player Stopping and Quitting Games with Redistribution of Payoffs (Ivan Guo and Marek Rutkowski) A Note on BSDEs with Singular Driver Coefficients (Monique Jeanblanc and Anthony Réveillac) A Portfolio Optimization Problem with Two Prices Generated by Two Information Flows (Caroline Hillairet) Option Pricing under Stochastic Volatility, Jumps and Cost of Information (Sana Mahfoudh and Monique Pontier) Readership: Advanced undergraduates, graduates and researchers in financial mathematics. Key Features: Treats new problems and challenges issued from the recent financial crisis and proposes original research papers on the modeling and management of the related financial risks, notably the credit risk and information asymmetry risks The contributors consist of worldwide renowned experts and also promising young scientists in financial mathematics Accessible to a larger public including graduate and advanced undergraduate students Keywords: Arbitrage; Credit Risk; Information Asymmetry Risks

NEW YORK TIMES BEST SELLER - A Best Book of 2021: Entertainment Weekly, Good Morning America, Wall Street Journal, and more From the indie rockstar of Japanese Breakfast fame, and author of the viral 2018 New Yorker essay that shares the title of this book, an unflinching, powerful memoir about growing up Korean American, losing her mother, and forging her own identity. In this exquisite story of family, food, grief, and endurance, Michelle Zauner proves herself far more than a dazzling singer, songwriter, and guitarist. With humor and heart, she tells of growing up one of the few Asian American kids at her school in Eugene, Oregon; of struggling with her mother's particular, high expectations of her; of a painful adolescence; of treasured months spent in her grandmother's tiny apartment in Seoul, where she and her mother would bond, late at night, over heaping plates of food. As she grew up, moving to the East Coast for college, finding work in the restaurant industry, and performing gigs with her

fledgling band--and meeting the man who would become her husband--her Koreanness began to feel ever more distant, even as she found the life she wanted to live. It was her mother's diagnosis of terminal cancer, when Michelle was twenty-five, that forced a reckoning with her identity and brought her to reclaim the gifts of taste, language, and history her mother had given her. Vivacious and plainspoken, lyrical and honest, Zauner's voice is as radiantly alive on the page as it is onstage. Rich with intimate anecdotes that will resonate widely, and complete with family photos, *Crying in H Mart* is a book to cherish, share, and reread.

Recent Progress in Many-body Theories Proceedings of the 14th International Conference, Barcelona, Spain, 16-20 July 2007 World Scientific

The field of nuclear physics is entering the 21st century in an interesting and exciting way. On the one hand, it is changing qualitatively since new experimental developments allow us to direct radioactive and other exotic probes to target nuclei as well as to spark extremely energetic nuclear collisions. In parallel, detector systems are of an impressive sophistication. It is difficult to envisage all the discoveries that will be made in the near future. On the other hand, the applications of nuclear science and technology are broadening the limits in medicine, industry, art, archaeology, and the environmental sciences, etc. This implies that the public perception of our field is changing, smoothly but drastically, in contrast to former times where nuclear weapons and nuclear power plants were the dominant applications perceived by citizens. Both aspects, scientific dynamism and popular recognition, should lead the field to an unexpected revival. One of the consequences of the former could be that many brilliant students consider nuclear physics as an excellent field in which to acquire professional expertise. Therefore, one of the challenges of the international nuclear physics community is to try to make the field attractive. That means simply being pedagogic and enthusiastic. Thus, as organisers of an already established summer school, our contribution was to put an emphasis in this session on pedagogy and enthusiasm.

This book presents current advances in the theory of dynamic games and their applications in several disciplines. The selected contributions cover a variety of topics ranging from purely theoretical developments in game theory, to numerical analysis of various dynamic games, and then progressing to applications of dynamic games in economics, finance, and energy supply. A unified collection of state-of-the-art advances in theoretical and numerical analysis of dynamic games and their applications, the work is suitable for researchers, practitioners, and graduate students in applied mathematics, engineering, economics, as well as environmental and management sciences.

List of publications, v. 1-132, in v. 132.

Modern social psychology has devoted a significant share of its resources to the study of human prejudice. Most research to date has focused on those groups that exhibit prejudice. However, a number of recent studies have begun to investigate prejudice from the perspective of its targets. These studies have shown prejudice to be a powerful stressor that places unique and costly demands on its targets. They have also identified a number of strategies that targets of prejudice use to cope with their predicaments. These findings hold real promise for scholars of early Christianity, for not only were early Christians frequently the targets of religious prejudice - they were to become its perpetrators soon enough! - but much of what they wrote sought either directly or indirectly to address this problem. In this study, Paul A. Holloway applies the findings of social psychology to the early Christian pseudepigraphon known as 1 Peter. He argues that 1 Peter marks one of the earliest attempts by a Christian author to craft a more or less comprehensive response to anti-Christian prejudice and its outcomes. Unlike later Apologists, however, who also wrote in response to anti-Christian prejudice, the author of 1 Peter does not seek to influence directly the thoughts and actions of those hostile to Christianity, but writes instead for his beleaguered coreligionists, consoling them in their suffering and advising them on how to cope with popular prejudice and the persecution it engendered.

This two-volume set LNCS 6691 and 6692 constitutes the refereed proceedings of the 11th International Work-Conference on Artificial Neural Networks, IWANN 2011, held in Torremolinos-Málaga, Spain, in June 2011. The 154 revised papers were carefully reviewed and selected from 202 submissions for presentation in two volumes. The second volume includes 76 papers organized in topical sections on video and image processing; hybrid artificial neural networks: models, algorithms and data; advances in machine learning for bioinformatics and computational biomedicine; biometric systems for human-machine interaction; data mining in biomedicine; bio-inspired combinatorial optimization; applying evolutionary computation and nature-inspired algorithms to formal methods; recent advances on fuzzy logic and soft computing applications; new advances in theory and applications of ICA-based algorithms; biological and bio-inspired dynamical systems; and interactive and cognitive environments. The last section contains 9 papers from the International Workshop on Intelligent Systems for Context-Based Information Fusion, ISCIF 2011, held at IWANN 2011.

All the tips and tools you need to start, grow, and sustain a successful forensic psychology practice *Getting Started in Forensic Psychology Practice* is the first book of its kind aimed at those mental health professionals and recent graduates interested in entering the growing and lucrative field of forensic psychology. User-friendly and full of helpful tips, this handy guide provides you with tools and techniques for starting a thriving forensic psychology practice, or incorporating a forensic specialty into your current practice. This comprehensive resource includes information on: \* The difference between clinical and forensic practice \* Advantages and disadvantages of forensic practice \* Preparing for forensic psychological practice \* Planning a forensic psychology business \* How to market your practice \* What lawyers look for in forensic psychologists as expert witnesses \* Ethics, professional competence, and risk management issues \* Performing evaluations \* Testifying in court and depositions In addition, *Getting Started in Forensic Psychology Practice* also features several helpful appendices that include sample evaluations and reports, as well as detailed discussions of child custody evaluation and assessment. Covering everything from advice on how to dress for court to major concerns such as the problems of insanity defenses, *Getting Started in Forensic Psychology Practice* puts the best solutions and information at your fingertips. Whether you're a recent graduate or a seasoned practitioner, this invaluable resource will help you minimize the uncertainty of establishing your forensic practice while maximizing the rewards.

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