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Fundamentals of Probability Fundamentals of Probability Instructor's Solutions Manual, Second Edition, Fundamentals of Probability Fundamentals of Probability Fundamentals of Probability Intermediate Persian Studyguide for Fundamentals of Probability, with Stochastic Processes by Saeed Ghahramani, Isbn 9780131453401 Iranian Diaspora Identities And the Bride Closed the Door Capture-Recapture Methods for the Social and Medical Sciences Ramifications Studyguide for Fundamentals of Probability, with Stochastic Processes by Ghahramani, Saeed Nine Armenians Blood Sisters Revenge of the Translator Poems from the Edge of Extinction FEM I Didn't Talk The Animal Days Probability and Stochastic Processes The Chilli Bean Paste Clan Spatio-Temporal Statistics with R Steel Design The Italian The Saffron Kitchen Minorities in Iran About Trees Poetics and Politics [microform] : East and West, the Poetries of Ahmad Shamlu and Bertolt Brecht Finiteness of Busy Period Moments of Queueing System Stochastic Processes Persian Literature and Modernity Charand-o Parand 'Orientalist Jones' The Iranian Metaphysicals The Qur'an and the Aramaic Gospel Traditions Rumi: Swallowing the Sun Labyrinth One Another A Divine Perspective on Rights Combinatorics

Based on the premise that nationalism is a dominant factor in Iranian identity politics despite the significant changes brought about by the Islamic Revolution, this cross-disciplinary work investigates the languages of nationalism in contemporary Iran through the prism of the minority issue. Notable International Crime Novel of the Year - Crime Reads / Lit Hub From a prize-winning Turkish novelist, a heady, political tale of one man's search for identity and meaning in Istanbul after the loss of his memory. A blues singer, Boratin, attempts suicide by jumping off the Bosphorus Bridge, but opens his eyes in the hospital. He has lost his memory, and can't recall why he wished to end his life. He remembers only things that are unrelated to himself, but confuses their timing. He knows that the Ottoman Empire fell, and that the last sultan died, but has no idea when. His mind falters when remembering civilizations, while life, like a labyrinth, leads him down different paths. From the confusion of his social and individual memory, he is faced with two questions. Does physical recognition provide a sense of identity? Which is more liberating for a man, or a society: knowing the past, or forgetting it? Embroidered with Borgesian micro-stories, Labyrinth flows smoothly on the surface while traversing sharp bends beneath the current. One Another dazzles as Monique Schwitter deftly weaves an intricate, moving, and wonderfully eccentric portrayal of love and art—erotic, chaotic, comedic, tragic, and glorious. When a writer googles the name of her first love and discovers he committed suicide years ago, she is deeply shaken. Memories of Petrus begin to flood into her mind, followed by the memories of other loves, one after another. What exactly is love? How

does it come and go? She begins to search her personal history for answers. Twelve men. Twelve chapters in a novel. Melancholy Petrus, handsome actor Jakob, Simon with his pet rat, gay Nathanael, a student, her brother. Her husband's story is supposed to be the last. But as story after story unfolds, the past and present entangle until her orderly search is interrupted by present-day complications of love and by a startling event overlooked at home that begins to seize the plotline of both her art and life. A detailed commentary on the Treatise of Rights as narrated by our fourth Imam, Ali bin Husayn (as). This commentary contains further references from the Qur'an and ahadith confirming and shedding light on what has been narrated by our fourth Imam in The Treatise of Rights This book is one of the many Islamic publications distributed by Ahlulbait Organization throughout the world in different languages with the aim of conveying the message of Islam to the people of the world. Ahlulbait Organization (www.shia.es) is a registered Organization that operates and is sustained through collaborative efforts of volunteers in many countries around the world, and it welcomes your involvement and support. Its objectives are numerous, yet its main goal is to spread the truth about the Islamic faith in general and the Shi'a School of Thought in particular due to the latter being misrepresented, misunderstood and its tenets often assaulted by many ignorant folks, Muslims and non-Muslims. Organization's purpose is to facilitate the dissemination of knowledge through a global medium, the Internet, to locations where such resources are not commonly or easily accessible or are resented, resisted and fought! In addition, For a complete list of our published books please refer to our website (www.shia.es) or send us an email to info@shia.es Combinatorics is mathematics of enumeration, existence, construction, and optimization questions concerning finite sets. This text focuses on the first three types of questions and covers basic counting and existence principles, distributions, generating functions, recurrence relations, Pólya theory, combinatorial designs, error correcting codes, partially ordered sets, and selected applications to graph theory including the enumeration of trees, the chromatic polynomial, and introductory Ramsey theory. The only prerequisites are single-variable calculus and familiarity with sets and basic proof techniques. The text emphasizes the brands of thinking that are characteristic of combinatorics: bijective and combinatorial proofs, recursive analysis, and counting problem classification. It is flexible enough to be used for undergraduate courses in combinatorics, second courses in discrete mathematics, introductory graduate courses in applied mathematics programs, as well as for independent study or reading courses. What makes this text a guided tour are the approximately 350 reading questions spread throughout its eight chapters. These questions provide checkpoints for learning and prepare the reader for the end-of-section exercises of

which there are over 470. Most sections conclude with Travel Notes that add color to the material of the section via anecdotes, open problems, suggestions for further reading, and biographical information about mathematicians involved in the discoveries. A woman's story of movement as a both a lifestyle and a rite of passage, The Animal Days follows Julia's journey of love and rock-climbing across three continents. In this fast-paced novel, joy is linked to self-destruction, love is inseparable from death, freedom is twinned with unbearable solitude, and life is worth only as much as a given moment. The taste for risk and vertigo never stop: they feed each other as the abyss approaches. Julia, determined to never look back, lives perpetually on the brink, even if it means shedding her own skin in the process. The work of a novelist and translator collide in this visionary and hilarious debut from acclaimed French writer Brice Matthieussent. Revenge of the Translator follows Trad, who is translating a mysterious author's book, Translator's Revenge, from English to French. The book opens as a series of footnotes from Trad, as he justifies changes he makes. As the novel progresses, Trad begins to take over the writing, methodically breaking down the work of the original writer and changing the course of the text. The lines between reality and fiction start to blur as Trad's world overlaps with the characters in Translator's Revenge, who seem to grow more and more independent of Trad's increasingly deranged struggle to control the plot. Revenge of the Translator is a brilliant, rule-defying exploration of literature, the act of writing and translating, and the often complicated relationship between authors and their translators. Set in a fictional town in West China, this is the story of the Duan-Xue family, owners of the lucrative chilli bean paste factory, and their formidable matriarch. As Gran's eightieth birthday approaches, her middle-aged children get together to make preparations. Family secrets are revealed and long-time sibling rivalries flare up with renewed vigour. As Shengqiang struggles unsuccessfully to juggle the demands of his mistress and his wife, the biggest surprises of all come from Gran herself..... (Winner of English Pen Award) The English-language debut of a master stylist: a compassionate but relentless novel about the long, dark harvest of Brazil's totalitarian rule A professor prepares to retire—Gustavo is set to move from Sao Paulo to the countryside, but it isn't the urban violence he's fleeing: what he fears most is the violence of his memory. But as he sorts out his papers, the ghosts arrive in full force. He was arrested in 1970 with his brother-in-law Armando: both were vicariously tortured. He was eventually released; Armando was killed. No one is certain that he didn't turn traitor: I didn't talk, he tells himself, yet guilt is his lifelong harvest. I Didn't Talk pits everyone against the protagonist—especially his own brother. The torture never ends, despite his bones having healed and his teeth having been replaced. And to make matters worse, certain details from his shattered memory don't quite

add up... Beatriz Bracher depicts a life where the temperature is lower, there is no music, and much is out of view. *I Didn't Talk's* pariah's-eye-view of the forgotten "small" victims powerfully bears witness to their "internal exile." I didn't talk, Gustavo tells himself; and as Bracher honors his endless pain, what burns this tour de force so indelibly in the reader's mind is her intensely controlled voice. Never HIGHLIGHT a Book Again! Virtually all of the testable terms, concepts, persons, places, and events from the textbook are included. Cram101 Just the FACTS101 studyguides give all of the outlines, highlights, notes, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanys: 9780131453401 . A beautifully presented volume that draws from the breadth of the great Persian poet's work Timeless and eternal, the poetry of Jalal al-Din Rumi is loved the world over. The best-selling poet from America to Afghanistan, his words are as relevant today as ever, still resonating with contemporary concerns of both East and West alike. Commemorating the 800th anniversary of Rumi's birth, this beautifully presented volume draws from the breadth of Rumi's work, spanning his prolific career from start to finish. From the uplifting to the mellow, Franklin's Lewis polished translation will prove inspirational to both keen followers of Rumi's work and readers discovering the great poet for the first time. *About Trees* considers our relationship with language, landscape, perception, and memory in the Anthropocene. The book includes texts and artwork by a stellar line up of contributors including Jorge Luis Borges, Andrea Bowers, Ursula K. Le Guin, Ada Lovelace and dozens of others. Holten was artist in residence at Buro BDP. While working on the book she created an alphabet and used it to make a new typeface called Trees. She also made a series of limited edition offset prints based on her Tree Drawings. A class-tested introduction to basic probability, flexibly designed for use with readers of varying levels of learning abilities and interests. *Persian Literature and Modernity* recasts the history of modern literature in Iran by elucidating the bonds between the classical tradition and modernity and exploring textual, generic and discursive formations through heterodoxical investigations. This is first done through the rehabilitation of concepts embedded in tradition, including the *munāzirah* (debate), *Ahrīman* (the demonic), *tajarrud* (radical aloneness) and *nāriẓāyatī* (discontent). Following this are broader structural and processual treatments, including the emergence of the genre of the social novel, the international dimension of Persian and Persianate canon formation, and the development of salvage ethnography and anthropological discourse in Iran. Covering literary experiments from the twelfth to the twentieth centuries, the chapters in this volume make a case for stepping outside the bounds of orthodox literary scholarship in Iranian studies with its associated political and orientalist determinants in order to provide a more nuanced conception of literary modernity in Iran. Offering an alternative reading of modernity in Persian literature, this book is an invaluable resource for scholars and students interested in the history of modern Iran and

Persian Literature. *STEEL DESIGN* covers the fundamentals of structural steel design with an emphasis on the design of members and their connections, rather than the integrated design of buildings. The book is designed so that instructors can easily teach LRF, ASD, or both, time-permitting. The application of fundamental principles is encouraged for design procedures as well as for practical design, but a theoretical approach is also provided to enhance student development. While the book is intended for junior- and senior-level engineering students, some of the later chapters can be used in graduate courses and practicing engineers will find this text to be an essential reference tool for reviewing current practices. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. *Folding and Refolding* origami frogs, extracting the symmetrical veins from leaves, retreating to an imaginary world in his closet: after Teresa walked out the door one July afternoon in 1994, her son filled the void she left with a series of unusual rituals. Twenty-three years later, he lies in bed, reconstructing the events surrounding his mother's disappearance. Did she actually join the Zapatistas in the jungles of Chiapas, as he was led to believe? He dissects his memories of that fateful summer until a startling discovery shatters his conception of his family's story. *Daniel Saldaña París (Among Strange Victims)* returns with an emotionally rich anti-coming-of-age novel that wrestles with the inherited privileges and crimes of masculinity. *Fundamentals of Probability with Stochastic Processes, Third Edition* teaches probability in a natural way through interesting and instructive examples and exercises that motivate the theory, definitions, theorems, and methodology. The author takes a mathematically rigorous approach while closely adhering to the historical development of probability Originally published: San Francisco: Holden-Day, Inc., 1962; an unabridged republication of the third (1967) printing. *Intermediate Persian: A Grammar and Workbook* comprises an accessible grammar and related exercises in a single volume. Each of the fourteen units deals with a particular grammatical point and provides associated exercises to help learners reinforce and consolidate their knowledge. There are additionally four appendices covering colloquial, polite, literary and journalistic styles. Features include: clear, accessible format many useful language examples clear, jargon-free explanations of grammar abundant exercises with full answer key units covering different levels of language a glossary of Persian-English terms that includes all Persian simple verbs and their roots subject index *Intermediate Persian* reviews many of the principle elements presented in its sister volume, *Basic Persian*, and introduces more advanced features and structures of the language. The two books form a compendium of the essentials of Persian grammar. User-friendly and engaging, *Intermediate Persian* is suitable for both class use and independent study, making it an ideal grammar reference and practice resource for students and learners with some knowledge of the language. Gold winner in Poetry and Special Honors Award

winner for Best Anthology Nautilus Book Awards *The Beautiful New Treasury of Poetry in Endangered Languages*, in Association with the National Poetry Library Featuring award-winning poets from cultures as diverse as the Ainu people of Japan to the Zoque of Mexico, with languages that range from the indigenous Ahtna of Alaska to the Shetlandic dialect of Scots, this evocative collection gathers together 50 of the finest poems in endangered, or vulnerable, languages from across the continents. With poems by influential, award-winning poets such as US poet laureate Joy Harjo, Hawad, Valzhyna Mort, and Jackie Kay, this collection offers a unique insight into both languages and poetry, taking the reader on an emotional, life-affirming journey into the cultures of these beautiful languages, celebrating our linguistic diversity and highlighting our commonalities and the fundamental role verbal art plays in human life. Each poem appears in its original form, alongside an English translation, and is accompanied by a commentary about the language, the poet and the poem - in a vibrant celebration of life, diversity, language, and the enduring power of poetry. One language is falling silent every two weeks. Half of the 7,000 languages spoken in the world today will be lost by the end of this century. With the loss of these languages, we also lose the unique poetic traditions of their speakers and writers. This timely anthology is passionately edited by widely published poet and UK National Poetry Librarian, Chris McCabe, who is also the founder of the Endangered Poetry Project, a major project launched by London's Southbank Centre to collect poetry written in the world's disappearing languages, and introduced by Dr Mandana Seyfeddinipur, Director of the Endangered Languages Documentation Programme and the Endangered Languages Archive at SOAS University of London, and Dr Martin Orwin, Senior Lecturer in Somali and Amharic, SOAS University of London. Languages included in the book: Assyrian; Belarusian; Chimiini; Irish Gaelic; Maori; Navajo; Patua; Rotuman; Saami; Scottish Gaelic; Welsh; Yiddish; Zoque Poets included in the book: Joy Harjo; Hawad; Jackie Kay; Aurélia Lassaque; Nineb Lamassu; Gearóid Mac Lochlainn; Valzhyna Mort; Laura Tohe; Taniel Varoujan; Avrom Sutzkever Capture-recapture methods have been used in biology and ecology for more than 100 years. However, it is only recently that these methods have become popular in the social and medical sciences to estimate the size of elusive populations such as illegal immigrants, illicit drug users, or people with a drinking problem. *Capture-Recapture Methods for the Social and Medical Sciences* brings together important developments which allow the application of these methods. It has contributions from more than 40 researchers, and is divided into eight parts, including topics such as ratio regression models, capture-recapture meta-analysis, extensions of single and multiple source models, latent variable models and Bayesian approaches. The book is suitable for everyone who is interested in applying capture-recapture methods in the social and medical sciences. Furthermore, it is also of interest to those working with capture-recapture methods in biology and ecology, as there are some important developments

covered in the book that also apply to these classical application areas. *Blood Sisters* tells the story of Jeong Yeoul, a young Korean college student in the 1980's, when the memory of President Chun Doo-hwan's violent suppression of student demonstrations against martial law was still fresh. Yideum captures with raw honesty the sense of dread felt by many Korean women during this time as Jeong struggles in a swirl of misguided desires and hopelessness against a society distorted by competing ideologies, sexual violence, and cultural conservatism. Facing this helplessness, her impulse is to escape into the world of art. *Blood Sisters* is a vivid, powerful portrayal of a woman's efforts to live an authentic life in the face of injustice. This book is a study of related passages found in the Arabic Qur'an and the Aramaic Gospels, i.e. the Gospels preserved in the Syriac and Christian Palestinian Aramaic dialects. It builds upon the work of traditional Muslim scholars, including al-Biqā'ī (d. ca. 808/1460) and al-Suyūṭī (d. 911/1505), who wrote books examining connections between the Qur'an on the one hand, and Biblical passages and Aramaic terminology on the other, as well as modern western scholars, including Sidney Griffith who argue that pre-Islamic Arabs accessed the Bible in Aramaic. *The Qur'an and the Aramaic Gospel Traditions* examines the history of religious movements in the Middle East from 180-632 CE, explaining Islam as a response to the disunity of the Aramaic speaking churches. It then compares the Arabic text of the Qur'an and the Aramaic text of the Gospels under four main themes: the prophets; the clergy; the divine; and the apocalypse. Among the findings of this book are that the articulator as well as audience of the Qur'an were monotheistic in origin, probably bilingual, culturally sophisticated and accustomed to the theological debates that raged between the Aramaic speaking churches. Arguing that the Qur'an's teachings and ethics echo Jewish-Christian conservatism, this book will be of interest to students and scholars of Religion, History, and Literature. A major new critical biography of Sir William Jones (1746-94), the foremost Orientalist of his generation and one of the greatest intellectual navigators of all time, whose Sanskrit researches did more than any other writer to destroy Eurocentric prejudice, reshaping Western perceptions of India and the Orient. This modern classic of global feminist literature, the only novel by one of Romania's most heralded poets, styled as a long letter addressed to the man who is about to leave her, a woman meanders through a cosmic retelling of her life from childhood to adulthood with visionary language and visceral, detail. Like a contemporary Scheherazade, she spins tales to hold him captivated, from the small incidents of their lives together to the intimate narrative of her relationship to womanhood. Through a dreamlike thread of strange images and passing characters, her stories invite the reader into a fantastical vision of love, loss, and femininity. In a powerful debut novel that moves between the crowded streets of London and the desolate mountains of Iran, Yasmin Crowther paints a stirring portrait of a family shaken by events from decades ago and worlds away. On a rainy day in London the dark secrets and troubled past of Maryam Mazar

surface violently, with tragic consequences for her daughter, Sara, and her newly orphaned nephew. Maryam leaves her English husband and family and returns to the remote Iranian village where her story began. In a quest to piece their life back together, Sara follows her mother and finally learns the terrible price Maryam once had to pay for her freedom, and of the love she left behind. Set against the breathtaking beauty of two very different places, this stunning family drama transcends culture and is, at its core, a rich and haunting narrative about mothers and daughters. **Never HIGHLIGHT a Book Again** Includes all testable terms, concepts, persons, places, and events. **Cram101 Just the FACTS101 studyguides** gives all of the outlines, highlights, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanies: 9780872893795. This item is printed on demand. *Iranian Diaspora Identities: Stories and Songs* combines oral history, storytelling, theories of communication, and performance studies into a unique study of an immigrant community. This book is the result of collaborative work between two Iranian-American immigrants, one a musician and artist and the other a professor. Using ethnographic, dramatic, and oral history approaches, Ziba Shirazi gathered these stories of diaspora journeys of Iranians living in California and Toronto in the aftermath of the Islamic Revolution of 1979. The editors transcribed these stories and developed them into short performance pieces that include lyrics and songs and were performed in the United States and Canada to thousands of people in theater venues and libraries. These stories constitute a unique archive of the history of contemporary Iranian diaspora experiences. They are autobiographic vignettes that have helped constitute an artistic vision of Iranian exiles' own sense of community and their migratory experiences that inform the transformations they experienced in family, gender, and spiritual beliefs. In addition to providing an archive of experiences, the book uses social drama and storytelling to advocate for a new methodology for documenting Iranian diaspora accounts. It constitutes a new contribution to the existing literature on Iranian diaspora and furthers an exciting contribution to scholarship in qualitative research in communication studies. A classic of modern Persian literature, 'Charand-o Parand' (or 'Stuff and Nonsense') is a work familiar to every literate Iranian. Originally a series of newspaper columns written by scholar and satirist Ali-Akbar Dehkhoda, the pieces poke fun at mullahs, the shah and the old religious and political order during the Constitutional Revolution. Translated by two distinguished scholars of Persian language and history, this volume makes Dehkhoda's entertaining political observations available to English readers for the first time. **THE STORY: Three generations of an Armenian-American family** yell, dance, carry food around, play tambourines, rollerblade, cry, scream, laugh and support each other. When daughter, Ani, 21, travels to Armenia, she learns more of her history and tro A young bride shuts herself up in a bedroom on her wedding day, refusing to get married. In this moving and humorous look at

contemporary Israel and the chaotic ups and downs of love everywhere, her family gathers outside the locked door, not knowing what to do. The bride's mother has lost a younger daughter in unclear circumstances. Her grandmother is hard of hearing, yet seems to understand her better than anyone. A male cousin who likes to wear women's clothes and jewelry clings to his grandmother like a little boy. The family tries an array of unusual tactics to ensure the wedding goes ahead, including calling in a psychologist specializing in brides who change their mind and a ladder truck from the Palestinian Authority electrical company. The only communication they receive from behind the door are scribbled notes, one of them a cryptic poem about a prodigal daughter returning home. The harder they try to reach the defiant woman, the more the despairing groom is convinced that her refusal should be respected. But what, exactly, ought to be respected? Is this merely a case of cold feet? A feminist statement? Or a mourning ritual for a lost sister? This provocative and highly entertaining novel lingers long after its final page. The aim of the book is to present probability in the most natural way: through a number of attractive and instructive examples and exercises that motivate the definitions, theorems, and methodology of the theory. "The 4th edition of Ghahramani's book is replete with intriguing historical notes, insightful comments, and well-selected examples/exercises that, together, capture much of the essence of probability. Along with its Companion Website, the book is suitable as a primary resource for a first course in probability. Moreover, it has sufficient material for a sequel course introducing stochastic processes and stochastic simulation." --Nawaf Bou-Rabee, Associate Professor of Mathematics, Rutgers University Camden, USA "This book is an excellent primer on probability, with an incisive exposition to stochastic processes included as well. The flow of the text aids its readability, and the book is indeed a treasure trove of set and solved problems. Every sub-topic within a chapter is supplemented by a comprehensive list of exercises, accompanied frequently by self-quizzes, while each chapter ends with a useful summary and another rich collection of review problems." --Dalia Chakrabarty, Department of Mathematical Sciences, Loughborough University, UK "This textbook provides a thorough and rigorous treatment of fundamental probability, including both discrete and continuous cases. The book's ample collection of exercises gives instructors and students a great deal of practice and tools to sharpen their understanding. Because the definitions, theorems, and examples are clearly labeled and easy to find, this book is not only a great course accompaniment, but an invaluable reference." --Joshua Stangle, Assistant Professor of Mathematics, University of Wisconsin - Superior, USA This one- or two-term calculus-based basic probability text is written for majors in mathematics, physical sciences, engineering, statistics, actuarial science, business and finance, operations research, and computer science. It presents probability in a natural way: through interesting and instructive examples and exercises that motivate the theory, definitions,

theorems, and methodology. This book is mathematically rigorous and, at the same time, closely matches the historical development of probability. Whenever appropriate, historical remarks are included, and the 2096 examples and exercises have been carefully designed to arouse curiosity and hence encourage students to delve into the theory with enthusiasm. New to the Fourth Edition: 538 new examples and exercises have been added, almost all of which are of applied nature in realistic contexts Self-quizzes at the end of each section and self-tests at the end of each chapter allow students to check their comprehension of the material An all-new Companion Website includes additional examples, complementary topics not covered in the previous editions, and applications for more in-depth studies, as well as a test bank and figure slides. It also includes complete solutions to all self-test and self-quiz problems Saeed Ghahramani is Professor of Mathematics and Dean of the College of Arts and Sciences at Western New England University. He received his Ph.D. from the University of California at Berkeley in Mathematics and is a recipient of teaching awards from Johns Hopkins University and Towson University. His research focuses on applied probability, stochastic processes, and queuing theory. The problem of differences in poetic language and tone and mood between Persian and European poetry, even between poets sharing the same worldview and writing on similar subjects, is the main issue here. To what extent are these personal differences of individual poets and to what extent could one observe patterns that could be attributed to (however socially-conditioned) cultural differences? Modern poetry was introduced in Iran by poets who were directly influenced by European poetry. The question, then, is: How much of the old identity---all that can be associated with that image of the classical Persian poet---still persists and shows even in the works of poets who are so strongly influenced by European thought and imitate modern European poetry?While avoiding generalizations or any attempt to essentialize the already problematic concepts of East and West, or North and South, by ascribing some permanent or pre-destined essence to them, the present study compares the poetries of Ahmad Shamlu (1925--2000) and Bertolt Brecht (1898--1956) as the most representative poets of respectively Iran and Germany in the 20th century. The paper's search for an answer is done in the form of a close study of the works of these two poets with each poem bringing new aspects into focus, and gradually a pattern appears from the miniature pieces of this jigsaw puzzle as they are put together. The two poets sharing the same cause and ideology are finally seen as gravitating one (Shamlu) predominantly to pathos and humanist idealism, the other (Brecht) predominantly to logos and pragmatist rationalism. How this affects the methods they employ (Verfremdung [estrangement] method in Brecht and social symbolism in Shamlu) to achieve the desired effects, how this is manifested in their poetic language or reflected in their approach to various issues (choice of audience, portrayal of women, and so on), is demonstrated throughout the paper when discussing their poems. What do the occult sciences, séances with the souls of the dead, and appeals to saintly powers have

to do with rationality? Since the late nineteenth century, modernizing intellectuals, religious leaders, and statesmen in Iran have attempted to curtail many such practices as "superstitious," instead encouraging the development of rational religious sensibilities and dispositions. However, far from diminishing the diverse methods through which Iranians engage with the immaterial realm, these rationalizing processes have multiplied the possibilities for metaphysical experimentation. The Iranian Metaphysicals examines these experiments and their transformations over the past century. Drawing on years of ethnographic and archival research, Alireza Doostdar shows that metaphysical experimentation lies at the center of some of the most influential intellectual and religious movements in modern Iran. These forms of exploration have not only produced a plurality of rational orientations toward metaphysical phenomena but have also fundamentally shaped what is understood as orthodox Shi'i Islam, including the forms of Islamic rationality at the heart of projects for building and sustaining an Islamic Republic. Delving into frequently neglected aspects of Iranian spirituality, politics, and intellectual inquiry, The Iranian Metaphysicals challenges widely held assumptions about Islam, rationality, and the relationship between science and religion. A comprehensive and accessible presentation of probability and stochastic processes with emphasis on key theoretical concepts and real-world applications With a sophisticated approach, Probability and Stochastic Processes successfully balances theory and applications in a pedagogical and accessible format. The book's primary focus is on key theoretical notions in probability to provide a foundation for understanding concepts and examples related to stochastic processes. Organized into two main sections, the book begins by developing probability theory with topical coverage on probability measure; random variables; integration theory; product spaces, conditional distribution, and conditional expectations; and limit theorems. The second part explores stochastic processes and related concepts including the Poisson process, renewal processes, Markov chains, semi-Markov processes, martingales, and Brownian motion. Featuring a logical combination of traditional and complex theories as well as practices, Probability and Stochastic Processes also includes: Multiple examples from disciplines such as business, mathematical finance, and engineering Chapter-by-chapter exercises and examples to allow readers to test their comprehension of the presented material A rigorous treatment of all probability and stochastic processes concepts An appropriate textbook for probability and stochastic processes courses at the upper-undergraduate and graduate level in mathematics, business, and electrical engineering, Probability and Stochastic Processes is also an ideal reference for researchers and practitioners in the fields of mathematics, engineering, and finance. The world is becoming increasingly complex, with larger quantities of data available to be analyzed. It so happens that much of these "big data" that are available are spatio-temporal in nature, meaning that they can be indexed by their spatial locations and time stamps. Spatio-

Temporal Statistics with R provides an accessible introduction to statistical analysis of spatio-temporal data, with hands-on applications of the statistical methods using R Labs found at the end of each chapter. The book: Gives a step-by-step approach to analyzing spatio-temporal data, starting with visualization, then statistical modelling, with an emphasis on hierarchical statistical models and basis function expansions, and finishing with model evaluation Provides a gradual entry to the methodological aspects of spatio-temporal statistics Provides broad coverage of using R as well as "R Tips" throughout. Features detailed examples and applications in end-of-chapter Labs Features "Technical Notes" throughout to provide additional technical detail where relevant Supplemented by a website featuring the associated R package, data, reviews, errata, a discussion forum, and more The book fills a void in the literature and available software, providing a bridge for students and researchers alike who wish to learn the basics of spatio-temporal statistics. It is written in an informal style and functions as a down-to-earth introduction to the subject. Any reader familiar with calculus-based probability and statistics, and who is comfortable with basic matrix-algebra representations of statistical models, would find this book easy to follow. The goal is to give as many people as possible the tools and confidence to analyze spatio-temporal data.

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