

| | |
|-------------------------|--|
| 1. Record Nr. | UNINA9910306641203321 |
| Autore | Evdokimova Svetlana |
| Titolo | Dostoevsky Beyond Dostoevsky : Science, Religion, Philosophy // Svetlana Evdokimova, Vladimir Golstein |
| Pubbl/distr/stampa | Boston, MA, : Academic Studies Press, 2016 Boston, MA : , : Academic Studies Press, , [2019] ©2016 |
| ISBN | 1-64469-029-2 1-61811-527-8 |
| Descrizione fisica | 1 online resource (424 pages) : illustrations, tables |
| Collana | Ars Rossica |
| Disciplina | 891.733 |
| Soggetti | Dostoevskii Dostoevsky Fedor Dostoevsky Russian literature literature and philosophy literature and religion literature and science LITERARY CRITICISM / Russian & Former Soviet Union Criticism, interpretation, etc. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Includes index. |
| Nota di contenuto | Frontmatter -- Table of Contents -- Acknowledgments -- Introduction: Fiction beyond Fiction: Dostoevsky's Quest for Realism / Evdokimova, Svetlana / Golstein, Vladimir -- Part 1. Encounters with Science -- I. Darwin, Dostoevsky, and Russia's Radical Youth / Bethea, David / Thorstensson, Victoria -- II. Darwin's Plots, Malthus's Mighty Feast, Lamennais's Motherless Fledglings, and Dostoevsky's Lost Sheep / Knapp, Liza -- III. "Viper will eat viper": Dostoevsky, Darwin, and the Possibility of Brotherhood / Berman, Anna A. -- IV. Encounters with the Prophet: Ivan Pavlov, Serafima Karchevskaia, and "Our Dostoevsky" / Todes, Daniel P. -- Part 2. Engagements with Philosophy -- V. Dostoevsky and the Meaning of "the Meaning of Life" / Cassedy, Steven |

-- VI. Dostoevsky and Nietzsche: The Hazards of Writing Oneself into (or out of) Belief / Cunningham, David S. -- VII. Dostoevsky as Moral Philosopher / Larmore, Charles -- VIII. "If there's no immortality of the soul, . . . everything is lawful": On the Philosophical Basis of Ivan Karamazov's Idea / Kibalnik, Sergei A. -- Part 3. Questions of Aesthetics -- IX. Once Again about Dostoevsky's Response to Hans Holbein the Younger's Dead Body of Christ in the Tomb / Jackson, Robert Louis -- X. Prelude to a Collaboration: Dostoevsky's Aesthetic Polemic with Mikhail Katkov / Fusso, Susanne -- XI. Dostoevsky's Postmodernists and the Poetics of Incarnation / Evdokimova, Svetlana -- Part 4. The Self and the Other -- XII. What Is It Like to Be Bats? Paradoxes of The Double / Morson, Gary Saul -- XIII. Interiority and Intersubjectivity in Dostoevsky: The Vasya Shumkov Paradigm / Corrigan, Yuri -- XIV. Dostoevsky's Angel-Still an Idiot, Still beyond the Story: The Case of Kalganov / Oklot, Michal -- XV. The Detective as Midwife in Dostoevsky's Crime and Punishment / Golstein, Vladimir -- XVI. Metaphors for Solitary Confinement in Notes from Underground and Notes from the House of the Dead / Apollonio, Carol -- XVII. Moral Emotions in Dostoevsky's "The Dream of a Ridiculous Man" / Martinsen -- XVIII. Like a Shepherd to His Flock: The Messianic Pedagogy of Fyodor Dostoevsky-Its Sources and Conceptual Echoes / Medzhibovskaya, Inessa -- Part 5: Intercultural Connections -- XIX. Achilles in Crime and Punishment / Orwin, Donna -- XX. Raskolnikov and the Aqedah (Isaac's Binding) / Meerson, Olga -- XXI. Prince Myshkin's Night Journey: Chronotope as a Symptom / Kostalevsky, Marina -- Index

Sommario/riassunto

Dostoevsky Beyond Dostoevsky is a collection of essays with a broad interdisciplinary focus. It includes contributions by leading Dostoevsky scholars, social scientists, scholars of religion and philosophy. The volume considers aesthetics, philosophy, theology, and science of the 19th century Russia and the West that might have informed Dostoevsky's thought and art. Issues such as evolutionary theory and literature, science and society, scientific and theological components of comparative intellectual history, and aesthetic debates of the nineteenth century Russia form the core of the intellectual framework of this book. Dostoevsky's oeuvre with its wide-ranging interests and engagement with philosophical, religious, political, economic, and scientific discourses of his time emerges as a particularly important case for the study of cross-fertilization among disciplines. The individual chapters explore Dostoevsky's real or imaginative dialogues with aesthetic, philosophic, and scientific thought of his predecessors, contemporaries, and successors, revealing Dostoevsky's forward looking thought, as it finds its echoes in modern literary theory, philosophy, theology and science.

| | |
|-------------------------|--|
| 2. Record Nr. | UNINA9910632480803321 |
| Autore | van Oijen Marcel |
| Titolo | Probabilistic Risk Analysis and Bayesian Decision Theory / / by Marcel van Oijen, Mark Brewer |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022 |
| ISBN | 9783031163333 3031163338 |
| Edizione | [1st ed. 2022.] |
| Descrizione fisica | 1 online resource (118 pages) |
| Collana | SpringerBriefs in Statistics, , 2191-5458 |
| Disciplina | 810 |
| Soggetti | Statistics Biometry Statistical Theory and Methods Biostatistics Bayesian Inference Estadística bayesiana Probabilitats Avaluació del risc Llibres electrònics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Intro -- Preface -- Why This Book? -- Who Is this Book for? -- Notation -- Outline of Chapters -- Acknowledgements -- Contents -- 1 Introduction to Probabilistic Risk Analysis (PRA) -- 1.1 From Risk Matrices to PRA -- 1.2 Basic Equations for PRA -- 1.3 Decomposition of Risk: 2 or 3 Components -- 1.4 Resolution of PRA: Single-Threshold, Multi-Threshold, Categorical, Continuous -- 1.4.1 Single-Threshold PRA -- 1.4.2 Multi-Threshold PRA -- 1.4.3 Categorical PRA -- 1.4.4 Continuous PRA -- 1.5 Implementation of PRA: Distribution-Based, Sampling-Based, Model-Based -- 2 Distribution-Based Single-Threshold PRA -- 2.1 Conditional Distributions for z -- 2.1.1 Conditions for V Being Constant -- 2.2 Example of Distribution-Based PRA: Gaussian $p[x,z]$ -- 2.2.1 Hazard Probability and Conditional Distributions -- 2.2.2 Conditional Expectations and PRA -- 2.3 |

Approximation Formulas for the Conditional Bivariate Gaussian Expectations -- 3 Sampling-Based Single-Threshold PRA -- 3.1 Example of Sampling-Based PRA: Linear Relationship -- 3.1.1 Varying the Threshold -- 3.2 Example of Sampling-Based PRA: Nonlinear Relationship -- 4 Sampling-Based Single-Threshold PRA: Uncertainty Quantification (UQ) -- 4.1 Uncertainty in $p[H]$ -- 4.2 Uncertainty in V -- 4.3 Uncertainty in R -- 4.4 Extension of R-Code for PRA: Adding the UQ -- 4.5 PRA with UQ on the Nonlinear Data Set -- 4.6 Verification of the UQ by Simulating Multiple Data Sets -- 4.6.1 UQ-Verification: Nonlinear Relationship -- 4.6.2 UQ-Verification: Linear Relationship -- 4.7 Approximation Formulas for the Conditional Bivariate Gaussian Variances -- 5 Density Estimation to Move from Sampling- to Distribution-Based PRA -- 6 Copulas for Distribution-Based PRA -- 6.1 Sampling from Copulas and Carrying out PRA -- 6.2 Copula Selection -- 6.3 Using Copulas in PRA -- 7 Bayesian Model-Based PRA. 7.1 Linear Example: Full Bayesian PRA with Uncertainty -- 7.1.1 Checking the MCMC -- 7.1.2 PRA -- 7.2 Nonlinear Example: Full Bayesian PRA with Uncertainty -- 7.3 Advantages of the Bayesian Modelling Approach -- 8 Sampling-Based Multi-Threshold PRA: Gaussian Linear Example -- 9 Distribution-Based Continuous PRA: Gaussian Linear Example -- 10 Categorical PRA with Other Splits than for Threshold-Levels: Spatio-Temporal Example -- 10.1 Spatio-Temporal Environmental Data: $x(s,t)$ -- 10.2 Spatio-Temporal System Data: $z(s,t)$ -- 10.3 Single-Category Single-Threshold PRA for the Spatio-Temporal Data -- 10.4 Two-Category Single-Threshold PRA for Spatio-Temporal Data -- 11 Three-Component PRA -- 11.1 Three-Component PRA for Spatio-Temporal Data -- 11.2 Country-Wide Application of Three-Component PRA -- 11.3 UQ for Three-Component PRA -- 12 Introduction to Bayesian Decision Theory (BDT) -- 12.1 Example of BDT in Action -- 13 Implementation of BDT Using Bayesian Networks -- 13.1 Three Ways to Specify a Multivariate Gaussian -- 13.1.1 Switching Between the Three Different Specifications of the Multivariate Gaussian -- 13.2 Sampling from a GBN and Bayesian Updating -- 13.2.1 Updating a GBN When Information About Nodes Becomes Available -- 13.3 A Linear BDT Example Implemented as a GBN -- 13.4 A Linear BDT Example Implemented Using `\texttt{Nimble}` -- 13.4.1 Varying IRRIG to Identify the Value for Which $E[U]$ Is Maximized -- 13.5 A Nonlinear BDT Example Implemented Using `\texttt{Nimble}` -- 14 A Spatial Example: Forestry in Scotland -- 14.1 A Decision Problem: Forest Irrigation in Scotland -- 14.2 Computational Demand of BDT and Emulation -- 14.3 Data -- 14.4 A Simple Model for Forest Yield Class (YC) -- 14.5 Emulation -- 14.6 Application of the Emulator -- 15 Spatial BDT Using Model and Emulator -- 15.1 Multiple Action Levels -- 16 Linkages Between PRA and BDT. 16.1 Risk Management -- 16.2 The Relationship Between Utility Maximisation in BDT and Risk Assessment in PRA: R_c -- 16.3 Simplified Accounting for Both Benefits and Costs of the Action: R_b -- 16.4 Only Correcting for Costs: R_a -- 17 PRA vs. BDT in the Spatial Example -- 18 Three-Component PRA in the Spatial Example -- 19 Discussion -- 19.1 PRA and Its Application -- 19.2 Data and Computational Demand of PRA -- 19.3 BDT -- 19.4 Computational Demand of BDT -- 19.5 PRA as a Tool for Simplifying and Elucidating BDT -- 19.6 Parameter and Model Uncertainties -- 19.7 Modelling and Decision-Support for Forest Response to Hazards -- 19.8 Spatial Statistics -- References -- Index.

probability and system vulnerability. This requires a specific definition of vulnerability that replaces the many fuzzy definitions abounding in the literature. The approach is expanded to more complex risk analysis with three components rather than two, and with various definitions of hazard. Equations are derived to quantify the uncertainty of each risk component and show how the approach relates to Bayesian decision theory. Intended for statisticians, environmental scientists and risk analysts interested in the theory and application of risk analysis, this book provides precise definitions, new theory, and many examples with full computer code. The approach is based on straightforward use of probability theory which brings rigour and clarity. Only a moderate knowledge and understanding of probability theory is expected from the reader.
