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Mathematical Modelling with Chernobyl Registry Data

Registry and Concepts



Springer

Mathematical Modelling With Chernobyl Registry Data Registry And Concepts

**John Higginson, Calum S. Muir, Nubia
Muñoz**



Mathematical Modelling With Chernobyl Registry Data Registry And Concepts:

Mathematical Modelling with Chernobyl Registry Data Wolfgang Morgenstern, Victor K. Ivanov, Anatoli I. Michalski, Anatoli F. Tsyb, Gotthard Schettler, 2012-12-06 In 1993 three institutes belonging respectively to the Heidelberg Academy for Humanities and Sciences to the Russian Academy of Sciences and to the Russian Academy of Medical Sciences launched a cooperative research project The main aim of the project is to develop mathematical methodologies needed for better information support in health policy decision making in the area of primary health care provision for the Russian populations affected by radiation due to the Chernobyl accident At present the major data basis of the project is the Russian National medical and Dosimetric Chernobyl Registry administered at the Medical Radiological Research Centre Obninsk The book describes the general mathematical approaches to the project and the given conditions of the registry

Nonparametric Analysis of Univariate Heavy-Tailed Data Natalia Markovich, 2008-03-11 Heavy tailed distributions are typical for phenomena in complex multi component systems such as biometry economics ecological systems sociology web access statistics internet traffic biblio metrics finance and business The analysis of such distributions requires special methods of estimation due to their specific features These are not only the slow decay to zero of the tail but also the violation of Cramer s condition possible non existence of some moments and sparse observations in the tail of the distribution The book focuses on the methods of statistical analysis of heavy tailed independent identically distributed random variables by empirical samples of moderate sizes It provides a detailed survey of classical results and recent developments in the theory of nonparametric estimation of the probability density function the tail index the hazard rate and the renewal function Both asymptotical results for example convergence rates of the estimates and results for the samples of moderate sizes supported by Monte Carlo investigation are considered The text is illustrated by the application of the considered methodologies to real data of web traffic measurements

Sources and Effects of Ionizing Radiation: Sources United Nations. Scientific Committee on the Effects of Atomic Radiation, 2000 The second volume of the Scientific Committee s report adds five more annexes to the five in volume one They cover DNA repair and mutagenesis biological effects at low radiation doses combined effects of radiation and other agents epidemiological evaluation of radiation induced cancer and exposures and effects of the Chernobyl accident Each ends with an impressive number of references Annotation copyrighted by Book News Inc Portland OR

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German Books in Print 1998/99 Verlag Der Buchhandler-Vereinigung, Verlag der Buchhhandler-Vereinigung Staff, 1998-11 A standard work an essential purchase for all larger German collections AMERICAN REFERENCE BOOKS ANNUAL The only comprehensive guide to German language publishing around the world GERMAN BOOKS IN PRINT 1998 99 provides quick access to 706 327 titles books videos audiocassettes software bibles from over 13 500 publishers in Germany including materials since 1988 from the former East Germany Austria Switzerland other countries Thoroughly revised updated the new 27th edition contains some 100 000 entries added in the last year alone As always full ordering information is included for each title The main Author Title Catchword set interfiles authors titles in one convenient listing titles containing a subject keyword are reentered alphabetically to create a built in subject guide This is an invaluable resource for area studies bibliographers government document librarians reference acquisitions librarians both here abroad From K G Saur **Scientific and Technical Aerospace Reports** ,1994 Energy Abstracts for Policy Analysis ,1988
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Mathematical Modelling With Chernobyl Registry Data Registry And Concepts Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has become much more apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is actually remarkable. This extraordinary book, aptly titled "**Mathematical Modelling With Chernobyl Registry Data Registry And Concepts**," written by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we shall delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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