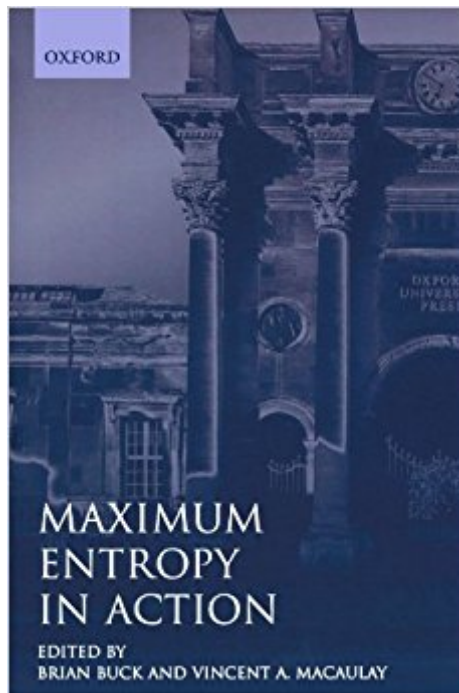




Ebook Directory
the best source of ebook

The book was found

Maximum Entropy In Action: A Collection Of Expository Essays



Synopsis

This book is a collection of introductory, interdisciplinary articles and lectures covering the fundamentals of the maximum entropy approach, a powerful new technique that provides a much needed extension of the established principles of rational inference in the sciences. Maximum entropy allows the interpretation of incomplete and "noisy" data, providing a description of the underlying physical systems. It has found application in both practical and theoretical studies ranging from image enhancement to nuclear physics, and from statistical mechanics to economics. The work explores these applications with specific problems of data analysis taken from the physical sciences. It will interest all physical scientists who deal with data and its interpretation, including statisticians and statistical physicists.

Book Information

Paperback: 248 pages

Publisher: Oxford University Press (September 26, 1991)

Language: English

ISBN-10: 0198539630

ISBN-13: 978-0198539636

Product Dimensions: 6.2 x 0.6 x 9.2 inches

Shipping Weight: 14.9 ounces (View shipping rates and policies)

Average Customer Review: 3.0 out of 5 stars 1 customer review

Best Sellers Rank: #3,375,861 in Books (See Top 100 in Books) #81 in [Books > Science & Math > Physics > Entropy](#) #902 in [Books > Computers & Technology > Computer Science > Information Theory](#) #6855 in [Books > Textbooks > Science & Mathematics > Mathematics > Statistics](#)

Customer Reviews

'the book is quite up-to-date ... generally very positive impression given by this book, which includes research results extending up to 1991 ... This fascinating universal concept opens up many new possibilities for the analysis of spectra, images, and X-ray scattering data. Because of the wide range of aspects covered in this book, it can be thoroughly recommended.' Christian Griesinger, Institut für Organische Chemie der Universität Frankfurt/Main, *Angewandte Chemie*, 31/7, 1992 'a useful and enlightening introduction to the general subject area and a reader interested in learning about possible applications of maximum entropy techniques could do far worse than to start by reading the concrete subject-centered articles in this volume' George H. Weiss, National Institutes of

Health, Bethesda, Journal of Statistical Physics, Vol. 70, Nos 3/4, 1993`The volume is rather welcome not only because it is almost unique in this field, but also because it spans commendably the gulf between elementary ideas and their technical applications ... a collection of nice expositions that can provide a solid introduction to the use of maximum-entropy techniques in data analysis, and in that sense fills a definite need.'W.T. Grandy, University of Wyoming, Journal of Atmospheric and Terrestrial Physics, Vol. 57, No. 1, 1995

Vincent A. Macaulay is at University of Oxford.

I bought it as "tutorial" on maximum entropy. In that sense it's book about nothing new and also about nothing. Blah-blah-blah, bunch of "copy & paste" even when author pretends it's his own words, then some water, then how that certain author thinks about all this, with all his non-existing authority. In reality, it's more like set of ad-hoc techniques for solving VERY specific tasks, which are very far from being fundamental and from being "tutorial" as well.

[Download to continue reading...](#)

Maximum Entropy in Action: A Collection of Expository Essays How to Draw Action Figures: Book 2: More than 70 Sketches of Action Figures and Action Poses (Drawing Action Figures, Draw Action Figures Book, How Draw Action Poses, Draw Comic Figures) Entropy - God's Dice Game: The book describes the historical evolution of the understanding of entropy, alongside biographies of the scientists who ... communication theory, economy, and sociology Exploiting Continuity: Maximum Entropy Estimation of Continuous Distribution (Series on Econometrics and Management Sciences) The Maximum Entropy Method (Springer Series in Information Sciences) Maximum Entropy and Ecology: A Theory of Abundance, Distribution, and Energetics (Oxford Series in Ecology and Evolution) Maximum Entropy Formalism Robotic Fish iSplash-MICRO: A 50mm Robotic Fish Generating the Maximum Velocity of Real Fish (High Speed Robotics. Mechanical engineering and kinematics for maximum velocity robot fish. Book 4) Maximum Ride Box Set (Maximum Ride, School's Out Forever, Saving the World) Raise the Bar: An Action-Based Method for Maximum Customer Reactions Biblical Preaching: The Development and Delivery of Expository Messages Esther and Ruth (Reformed Expository Commentary) Vine's Complete Expository Dictionary of Old and New Testament Words Vine's Complete Expository Dictionary of Old and New Testament Words (Keyed to Strong's Reference Numbers) Expository Dictionary of Bible Words: Word Studies for Key English Bible Words Based on the Hebrew and Greek Texts Mounce's Complete Expository Dictionary of Old and New Testament Words Vine's Complete Expository Dictionary of Old and New

Testament Words: With Topical Index (Word Study) J. C. Ryle's Expository Thoughts on the Gospels The Minor Prophets: An Exegetical and Expository Commentary Christ-Centered Preaching: Redeeming the Expository Sermon

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)