Statistical Challenges in Modern Astronomy II (Pt. 2)

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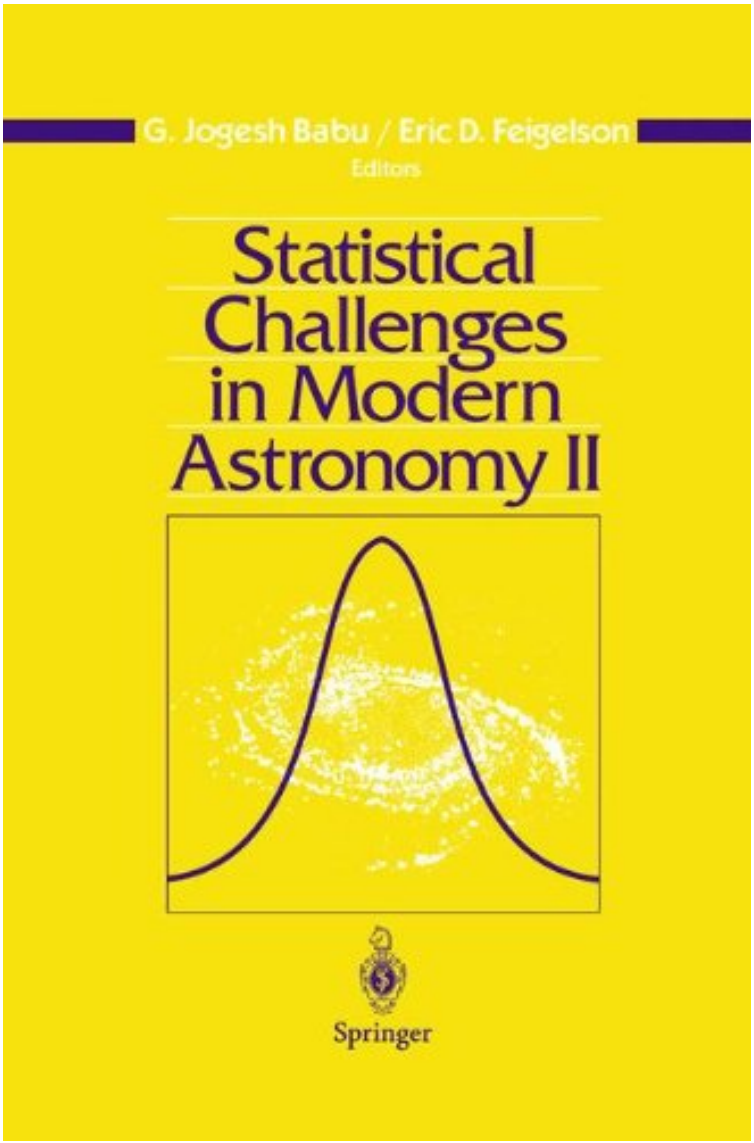

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From Springer : Statistical Challenges in Modern Astronomy II (Pt. 2) before purchasing it in order to gage whether or not it would be worth my time, and all praised Statistical Challenges in Modern Astronomy II (Pt. 2):

Modern astronomical research faces a vast range of statistical issues which have spawned a revival in methodological activity among astronomers. The Statistical Challenges in Modern Astronomy II conference brought astronomers and

statisticians together to discuss methodological issues of common interest. Time series analysis, image analysis, Bayesian methods, Poisson processes, nonlinear regression, maximum likelihood, multivariate classification, and wavelet and multiscale analyses were all important themes. Many problems were introduced at the conference in the context of large-scale astronomical projects including LIGO, AXAF, XTE, Hipparcos, and digitised sky surveys. As such, this volume will be of interest to researchers and advanced students in both fields - astronomers seeking exposure to recent developments in statistics, and statisticians interested in confronting new problems.

About the AuthorBoth editors are at Pennsulviania State University. G.J. Babu is Professor of Statistics, Fellow of the Institute of Mathematical Statistics, and Associate Editor of the Journal of Statistical Planning Inference and the Journal of Nonparametric Statistics. Eric D. Feigelson is Professor of Astronomoy and Astrophysics.