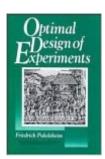


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# **Optimal Design Of Experiments**





## Synopsis

Devoted to a unified optimality theory, merging three otherwise distinct mathematical disciplines to embrace an astonishingly wide variety of design problems. Outlines typical settings, namely D-, A-, and E-optimal, polynominal regression designs, Bayesian designs, structures for model discrimination, balanced incomplete block arrangements or rotatable response surface designs. The design problems stem from statistics but are solved using special tools from linear algebra and convex analysis.

## **Book Information**

Series: Wiley Series in Probability and Statistics (Book 216)

Hardcover: 480 pages

Publisher: Wiley-Interscience; 1 edition (March 8, 1993)

Language: English

ISBN-10: 047161971X

ISBN-13: 978-0471619710

Product Dimensions: 6.4 x 1.4 x 9.7 inches

Shipping Weight: 1.6 pounds

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Best Sellers Rank: #656,544 in Books (See Top 100 in Books) #249 inà Books > Science & Math > Experiments, Instruments & Measurement > Experiments & Projects #2069 inà Books > Textbooks > Science & Mathematics > Mathematics > Statistics #2932 inà Â Books > Science & Math > Mathematics > Applied > Probability & Statistics

### Customer Reviews

Optimal Design of Experiments offers a rare blend of linear algebra, convex analysis, and statistics. Since the book's initial publication in 1993, readers have used its methods to derive optimal designs on the circle, optimal mixture designs, and optimal designs in other statistical models. --This text refers to the Paperback edition.

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