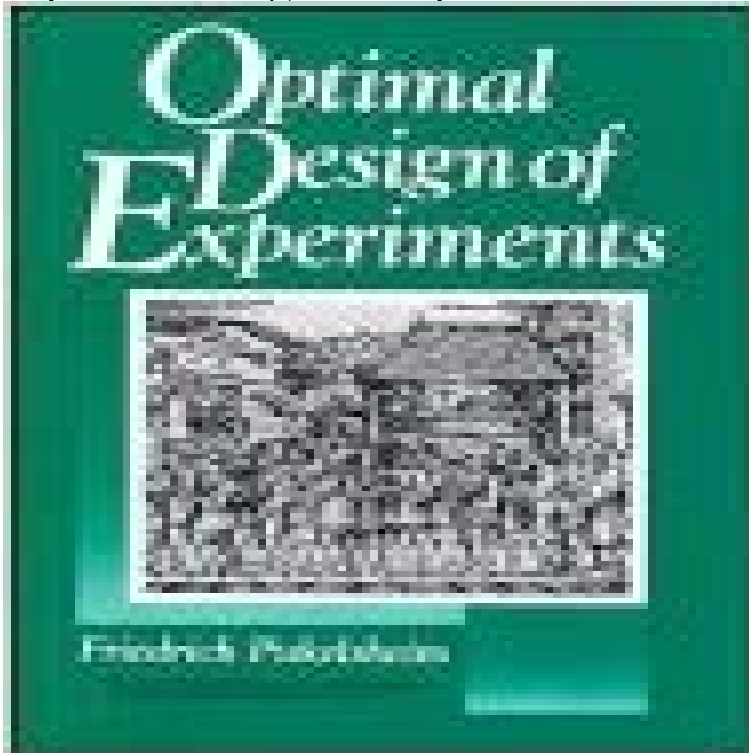


Optimal Design of Experiments



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, polynomial 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.

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