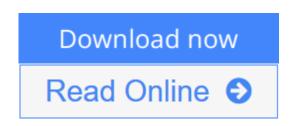


Response Surfaces: Designs and Analyses: Second Edition (Statistics: A Series of Textbooks and Monographs)

By Andre I. Khuri, John A. Cornell



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Response Surfaces: Designs and Analyses; Second Edition presents techniques for designing experiments that yield adequate and reliable measurements of one or several responses of interest, fitting and testing the suitability of empirical models used for acquiring information from the experiments, and for utilizing the experimental results to make decisions concerning the system under investigation.

This edition contains chapters on response surface models with block effects and on Taguchi's robust parameter design, additional details on transformation of response variable, more material on modified ridge analysis, and new design criteria, including rotatability for multiresponse experiments. It also presents an innovative technique for displaying correlation among several response. Numerical examples throughout the book plus exercises--with worked solutions to selected problems--complement the text.

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Review

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About the Author ANDRe I. KHURI, PhD, is a Professor in the Department of Statistics at the University of Florida, Gainesville.

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