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DESCRIPTION

Praise for the Third Edition:

“This new third edition has been substantially rewritten and updated with new topics and material, new examples and exercises, and to more fully illustrate modern applications of RSM.”

- Zentralblatt Math

Featuring a substantial revision, the Fourth Edition of Response Surface Methodology: Process and Product Optimization Using Designed Experiments presents updated coverage on the underlying theory and applications of response surface methodology (RSM). Providing the assumptions and conditions necessary to successfully apply RSM in modern applications, the new edition covers classical and modern response surface designs in order to present a clear connection between the designs and analyses in RSM.

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An ideal textbook for upper-undergraduate and graduate-level courses in statistics, engineering, and chemical/physical sciences, *Response Surface Methodology: Process and Product Optimization Using Designed Experiments, Fourth Edition* is also a useful reference for applied statisticians and engineers in disciplines such as quality, process, and chemistry.

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**ABOUT THE AUTHOR**

**Raymond H. Myers, PhD**, is Professor Emeritus in the Department of Statistics at Virginia Polytechnic Institute and State University. He has more than 40 years of academic experience in the areas of experimental design and analysis, response surface analysis, and designs for nonlinear models. A Fellow of the American Statistical Association (ASA) and the American Society for Quality (ASQ), Dr. Myers has authored numerous journal articles and books, including Generalized Linear Models: with Applications in Engineering and the Sciences, Second Edition, also published by Wiley.

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