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Optimization Theory, Methods, and Applications In Engineering

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The details of diverse issues are revealed in the book Nonlinear Regression Modeling for Engineering Applications: Modeling, Model Validation, and Enabling Design of Experiments by Rhinehart, R. R., John Wiley & Sons, Inc., Hoboken, NJ, 2016b. Here, they are summarized and presented with an optimization application perspective.

Engineering Optimization: Applications, Methods, and Analysis

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sophisticated algorithms and software. Optimization, as a powerful modelling and problem solving method-ology, has a broad range of applications in management science, industry and engineering. The application of optimization in engineering has a very long history. It is well known that two special

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