

## **Taguchi Techniques for Quality Engineering**

By Phillip J. Ross



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Taguchi Techniques Made Easier Than Ever! Regardless of your experience with statistics, the Second Edition of Taguchi Techniques for Quality Engineering, by Saturn quality engineer Phillip J. Ross, shows you step-by-step how to design effective experiments to reduce variation, improve the quality of products and processes, and slash development time and costs. Now organized in the chronological order of the DOE process, this revised and updated edition give you the tools to exploit: the loss function concept--to quantify the cost of product and process variations; orthogonal experiment design--to pinpoint areas where variation may be reduced; parameter and tolerance design--to reduce variations in products and processes at little or no cost.



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#### **Editorial Review**

From the Back Cover

This edition of this best-selling book--revised, updated, and reorganized with important new material--offers you an easy-to-follow approach to using the often difficult Taguchi methodology for engineering quality control. Keeping statistics to a minimum, this step-by-step approach shows you how to design effective experiments to reduce variation and improve the quality of products and processes. You'll find the expanded discussions of: the loss function concept--for quantifying the cost of product and processes. You'll find expanded discussions of: the loss function concept--for quantifying the cost of product and process variations; orthogonal experiment design--to pinpoint areas where variation may be successfully reduced; parameter and tolerance design--to reduce variations in products and processes at little or not cost. The Second Edition is now organized in the chronological order of the DOE process. Included are new reference tables to make it easier to understand how to design experiments--as well as flowcharts of the experimental design process and confirmation experiments to aid you in decision making. This essential reference provides a wealth of proven Taguchi strategies for creating the highest quality products--on time and within budget.

## **Users Review**

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