

Experimental Quality

A strategic approach to achieve and improve quality

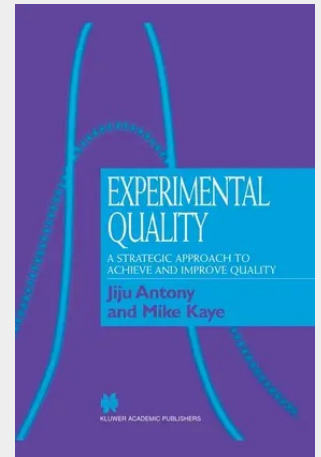
Improving the quality of products and manufacturing processes at low cost is an economic and technological challenge to industrial engineers and managers alike. In today's business world, the implementation of experimental design techniques often falls short of the mark due to a lack of statistical knowledge on the part of engineers and managers in their analyses of manufacturing process quality problems. This timely book aims to fill this gap in the statistical knowledge required by engineers to solve manufacturing quality problems by using Taguchi experimental design methodology. The book increases awareness of strategic methodology through real-life case studies, providing valuable information for both academics and professionals with no prior knowledge of the theory of probability and statistics.

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- Provides a unique framework to help engineers and managers address quality problems and use strategic design methodology.
- Offers detailed case studies illustrating the implementation of experimental design theory.
- Is easily accessible without prior knowledge or understanding of probability and statistics.

This book provides an excellent resource for both academic and industrial environments, and will prove invaluable to practising industrial engineers, quality engineers and engineering managers from all disciplines.

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