

Statistical Quality Control: A Modern Introduction

This book gives you a sound understanding of the principles of statistical quality control (SQC) and shows how to apply them in a variety of situations for quality control and improvement. With this text, you'll learn how to apply state-of-the-art techniques for statistical process monitoring and control, designing experiments for process characterization and optimization, conduct process robustness studies, and implement quality management techniques.

You're appreciate the significant updates in this book including:

- In-depth attention to DMAIC, the problem-solving strategy of Six Sigma, that will give you an excellent framework to use in conducting quality improvement projects
- New examples that illustrate applications of statistical quality improvement techniques in non-manufacturing settings. Many examples and exercises are based on real data
- New development in the area of measurement systems analysis
- New features of Minitab V15 incorporated into the text
- Numerous new examples, exercises, problems, and techniques to enhance your absorption of the material

