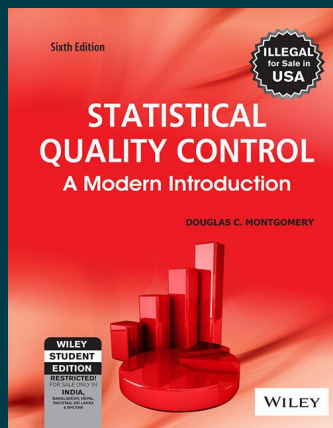


WILEY

Statistical Quality Control: A Modern Introduction, 6ed

By Douglas C. Montgomery

Paperback

ISBN: 9788126525065

Publication: [NOT PROVIDED] *publication_date*

Page Count: 756 pages

₹1,049.00

• Description

Covering everything from basic principles to state-of-the-art concepts and applications, this book arms readers with a comprehensive understanding of modern statistical methods for quality control and improvement. The author covers basic and advanced methods of statistical process control (SPC), show how statistically designed experiments can be used for process design, development and improvement, and explore acceptance sampling. Throughout the pages, guidelines are provided for selecting the correct statistical technique to use in a variety of situations.

• About the Author

Douglas C. Montgomery

Dr. Douglas C. Montgomery Professor of Engineering and Statistics at Arizona State University

• Table of Contents

Part I: Introduction

- Chapter 1: Quality Improvement in the Modern Business Environment
- Chapter 2: The DMAIC Process

Part II: Statistical Methods Useful in Quality Control and Improvement

- Chapter 3: Modeling Process Quality
- Chapter 4: Inferences about Process Quality

Part III: Basic Methods of Statistical Process Control and Capability Analysis

- Chapter 5: Methods and Philosophy of Statistical Process Control
- Chapter 6: Control Charts for Variables
- Chapter 7: Control Charts for Attributes
- Chapter 8: Process and Measurement System Capability Analysis

Part IV: Other Statistical Process-Monitoring and Control Techniques

- Chapter 9: Cumulative Sum and Exponentially Weighted Moving Average Control Charts
- Chapter 10: Other Univariate Statistical Process Monitoring and Control Techniques
- Chapter 11: Multivariate Process Monitoring and Control
- Chapter 12: Engineering Process Control and SPC

Part V: Process Design and Improvement with Designed Experiments

- Chapter 13: Factorial and Fractional Experiments for Process Design and Improvements

· Chapter 14: Process Optimization and Designed Experiments

Part VI: Acceptance Sampling

· Chapter 15: Lot-by-Lot Acceptance Sampling for Attributes

· Chapter 16: Other Acceptance Sampling Techniques

Appendix

To purchase this product, please visit:

<https://wiley.indiafin.com/statistical-quality-control-a-modern-introduction-6ed.html>



Scan to buy