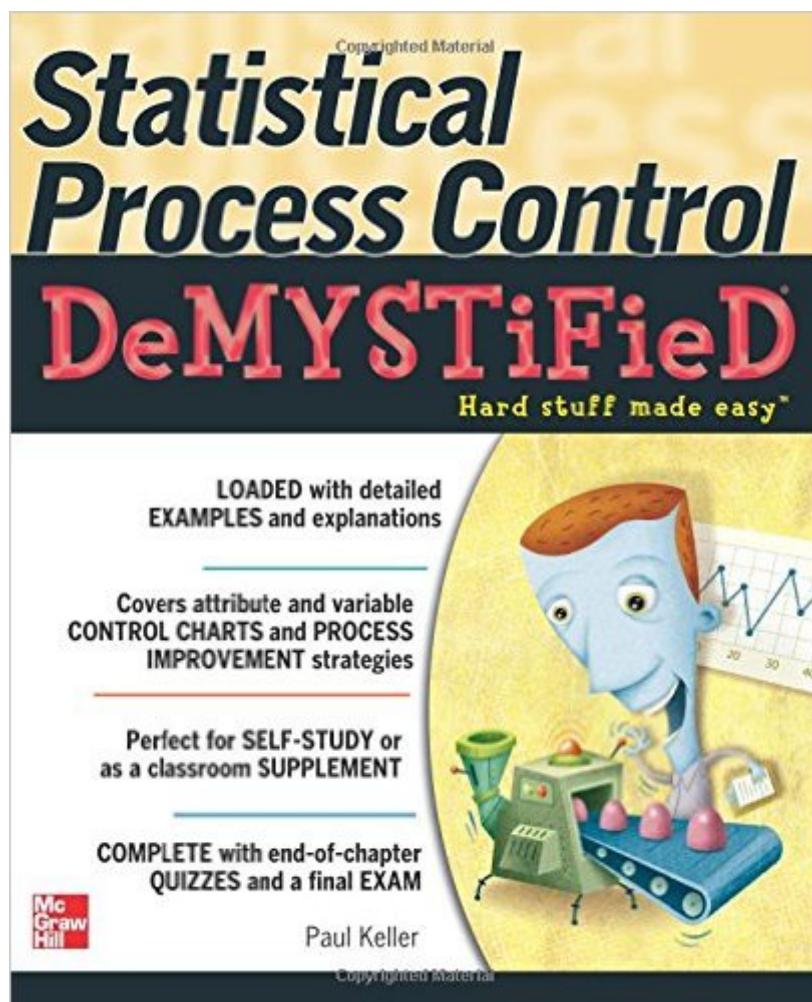


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# Statistical Process Control Demystified



## **Synopsis**

INCREASE your odds of learning STATISTICAL process control (SPC) Identify and reduce variation in business processes using SPC--the powerful analysis tool for process evaluation and improvement. Statistical Process Control Demystified shows you how to use SPC to enable data-driven decision making and gain a competitive advantage in the marketplace. Written in a step-by-step format, this practical guide explains how to analyze process data, collect data, and determine the suitability of a process in meeting requirements. Attribute and X-bar control charts are discussed, as are charts for individuals data. You'll also get details on process improvement and measurement systems analysis. Detailed examples, calculations, and statistical assumptions make it easy to understand the material, and end-of-chapter quizzes and a final exam help reinforce key concepts. It's a no-brainer! You'll learn about: Control chart interpretation Overcoming common errors in the use of SPC and general statistical analysis tools Sampling requirements Analysis using Excel Estimating process variation Designed experiments Measurement systems analysis, including R&R studies Continuous process improvement strategies Simple enough for a beginner, but challenging enough for an advanced student, Statistical Process Control Demystified is your shortcut to this powerful analysis solution.

## **Book Information**

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## **Customer Reviews**

Not a bad book, and one which covers the mechanics statistical process control, but the book

focused way too much on how to do statistical process control, rather than the why. The end result is that the book leaves you with a good collection of recipes but no real understanding of how to cook. I did like how the author focuses so much of the book on issues of collecting good, independent data samples.

I recommend this book because it contains simple concepts and pay attention to show methods and techniques for self study, calculations, probability distribution and graphs in relationship to statistical process control in any situations of manufacturing. I like to do the exercises and have a complete quizzes and final exam, from my point of view I would like you, my appreciate reader have one to read and study. Jaime Zamora A. November 9, 2013

The book is basically a pretty good one. But I had a couple of problems which, basically, are not the author's fault. First I just wanted a refresher on the types of, and formulas for Control Charts. The author went way beyond that; so the wordiness went too much in detail for other aspects of Total Quality Management. If this is what you need, then all means, buy it. The other problem I had was that the tables / formulae were way too small. Again, not the author's fault; that's just the way it shows up on my Fire.

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