



## Statistics for Engineers: An Introduction (Hardback)

By Jim Morrison

John Wiley & Sons Inc, United States, 2009. Hardback. Condition: New. 1. Auflage. Language: English. Brand new Book. This practical text is an essential source of information for those wanting to know how to deal with the variability that exists in every engineering situation. Using typical engineering data, it presents the basic statistical methods that are relevant, in simple numerical terms. In addition, statistical terminology is translated into basic English. In the past, a lack of communication between engineers and statisticians, coupled with poor practical skills in quality management and statistical engineering, was damaging to products and to the economy. The disastrous consequence of setting tight tolerances without regard to the statistical aspect of process data is demonstrated. This book offers a solution, bridging the gap between statistical science and engineering technology to ensure that the engineers of today are better equipped to serve the manufacturing industry. Inside, you will find coverage on: \* the nature of variability, describing the use of formulae to pin down sources of variation; \* engineering design, research and development, demonstrating the methods that help prevent costly mistakes in the early stages of a new product; \* production, discussing the use of control charts, and; \* management and training, including...



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