Solutions Manual to Accompany Statistics and Probability with Applications for Engineers and Scientists (Paperback)

By Bhisham C. Gupta, Irwin Guttman

John Wiley Sons Inc, United States, 2013. Paperback. Condition: New. Workbook ed.. Language: English . Brand New Book. A solutions manual to accompany Statistics and Probability with Applications for Engineers and Scientists Unique among books of this kind, Statistics and Probability with Applications for Engineers and Scientists covers descriptive statistics first, then goes on to discuss the fundamentals of probability theory. Along with case studies, examples, and real-world data sets, the book incorporates clear instructions on how to use the statistical packages Minitab (R) and Microsoft (R) Office Excel (R) to analyze various data sets. The book also features: Detailed discussions on sampling distributions, statistical estimation of population parameters, hypothesis testing, reliability theory, statistical quality control including Phase I and Phase II control charts, and process capability indicesA clear presentation of nonparametric methods and simple and multiple linear regression methods, as well as a brief discussion on logistic regression methodComprehensive guidance on the design of experiments, including randomized block designs, one- and two-way layout designs, Latin square designs, random effects and mixed effects models, factorial and fractional factorial designs, and response surface methodologyA companion website containing data sets for Minitab and Microsoft Office Excel, as well as JMP (R) routines...

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