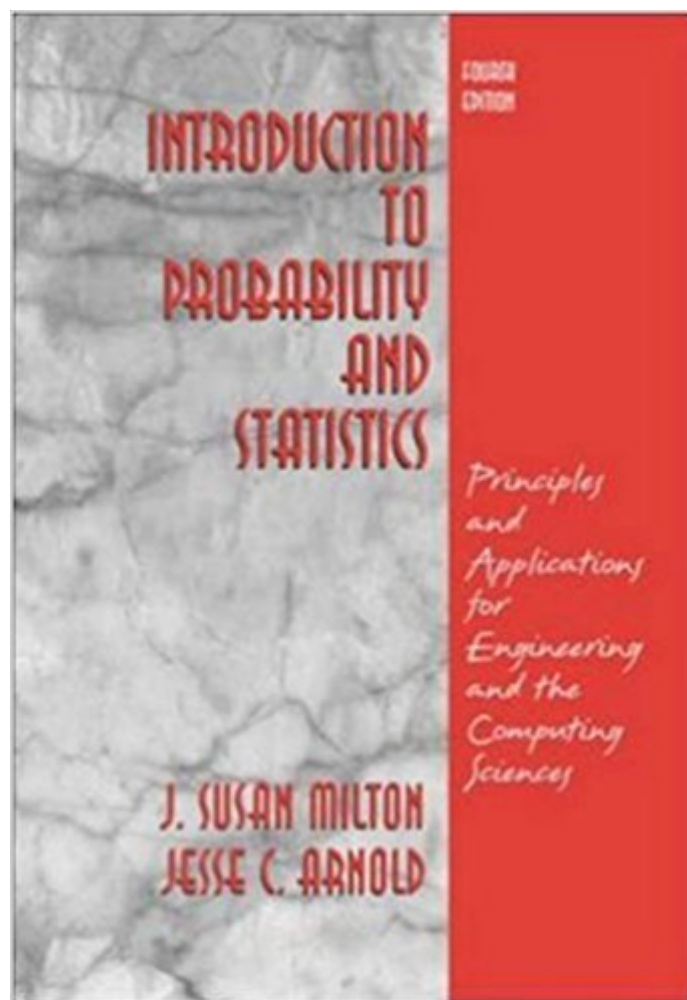




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# Introduction To Probability And Statistics: Principles And Applications For Engineering And The Computing Sciences



## Synopsis

This well-respected text is designed for the first course in probability and statistics taken by students majoring in Engineering and the Computing Sciences. The prerequisite is one year of calculus. The text offers a balanced presentation of applications and theory. The authors take care to develop the theoretical foundations for the statistical methods presented at a level that is accessible to students with only a calculus background. They explore the practical implications of the formal results to problem-solving so students gain an understanding of the logic behind the techniques as well as practice in using them. The examples, exercises, and applications were chosen specifically for students in engineering and computer science and include opportunities for real data analysis.

## Book Information

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## Customer Reviews

J.Susan Milton is professor Emeritus of Statistics at Radford University. Dr. Milton received the B.S. degree from Western Carolina University, the M.A. degree from the University of North Carolina at Chapel Hill, and the Ph.D degree in Statistics from Virginia Polytechnic Institute and State university. She is a Danforth Associate and is a recipient of the Radford University Foundation Award for Excellence in Teaching. Dr. Milton is the author of Statistical Methods in the Biological and Health Sciences as well as Introduction to statistics, Probability with the Essential Analysis, and a first Course in the Theory of Linear Statistical Models. Jesse C. Arnold is a Professor of Statistics at Virginia Polytechnic Institute and State University. Dr. Arnold received the B.S. Degree from Southeastern State University, and the M.A and Ph. D degrees in statistics from Florida State University. He served as head of Statistics department for ten years, is a fellow of the American

Statistical Association, and elected member of the International Statistics Institute. Ha has served as President of the International Biometric Society (Eastern North American Region) and Chairman of the statistical Educational Section of the American Statistical Association.

The book is comprehensive, but the explanations/derivations are somewhat lacking in certain chapters. Our professor called out the explanation of Maximum Likelihood Estimators as being somewhat sparse... but your mileage may vary.

Excellent

I have been using this book at my job for years. It is a great foundation for many other more complex topics and texts. I can pick it up, read a chapter, and move on.

Book arrived quickly and as described. Thank you

I am always responsible with my books but the book binding on this book just fell apart one day all of a sudden

I don't like statistics, and this book didn't help me to change my mind....on the bright side there are a lots and lots of problems to practice....

I never expected to adore a statistics book, but I found the text incredibly lucid - more so than the professor.

This was a surprisingly clear book with a wide variety of sample problems.

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