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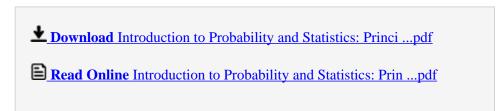
### **Introduction to Probability and Statistics: Principles and Applications for Engineering** and the Computing Sciences

By J. Susan Milton, Jesse Arnold



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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.



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# Introduction to Probability and Statistics: Principles and Applications for Engineering and the Computing Sciences By J. Susan Milton, Jesse Arnold Bibliography

Sales Rank: #376517 in Books
Published on: 2002-09-30
Original language: English

• Number of items: 1

• Dimensions: 9.50" h x 1.40" w x 6.60" l, 2.63 pounds

• Binding: Hardcover

• 816 pages

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#### About the Author

J.Susan Milton is professor Emeritus of Satatics at Radford University. Dr. Milton recieved 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.

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