



An Elementary Introduction to the Theory of Probability (Paperback)

By B V Gnedenko, A Ya Khinchin

Martino Fine Books, United States, 2014. Paperback. Book Condition: New. 224 x 150 mm. Language: English . Brand New Book ***** Print on Demand *****.2014 Reprint of 1961 Edition. Full facsimile of the original edition. Not reproduced with Optical Recognition Software. This introduction to probability theory and its applications differs from most texts in that it uses basic probability concepts to solve commonplace problems that would normally be handled by statistical methods. Numerous examples deal primarily with industrial and military problems. This book is suitable for high school levels and up. After explaining in simple terms the meaning of the concept of probability and the means by which an event is declared to be in practice, impossible, the authors take up the processes involved in the calculation of probabilities. They survey the rules for addition and multiplication of probabilities, the concept of conditional probability, the formula for total probability, Bayes's formula, Bernoulli's scheme and theorem, the concepts of random variables, insufficiency of the mean value for the characterization of a random variable, methods of measuring the variance of a random variable, theorems on the standard deviation, the Chebyshev inequality, normal laws of distribution, distribution curves, properties of normal...



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