



Intermediate Probability: A Computational Approach (Hardback)

By Marc Paoella

John Wiley and Sons Ltd, United States, 2007. Hardback. Book Condition: New. 248 x 172 mm. Language: English . Brand New Book. Intermediate Probability is the natural extension of the author s Fundamental Probability. It details several highly important topics, from standard ones such as order statistics, multivariate normal, and convergence concepts, to more advanced ones which are usually not addressed at this mathematical level, or have never previously appeared in textbook form. The author adopts a computational approach throughout, allowing the reader to directly implement the methods, thus greatly enhancing the learning experience and clearly illustrating the applicability, strengths, and weaknesses of the theory. The book:* Places great emphasis on the numeric computation of convolutions of random variables, via numeric integration, inversion theorems, fast Fourier transforms, saddlepoint approximations, and simulation.* Provides introductory material to required mathematical topics such as complex numbers, Laplace and Fourier transforms, matrix algebra, confluent hypergeometric functions, digamma functions, and Bessel functions.* Presents full derivation and numerous computational methods of the stable Paretian and the singly and doubly non-central distributions.* A whole chapter is dedicated to mean-variance mixtures, NIG, GIG, generalized hyperbolic and numerous related distributions.* A whole chapter is dedicated to nesting, generalizing, and asymmetric...

Reviews

Certainly, this is actually the very best job by any author. It really is rally exciting throgh studying time. You may like how the blogger write this pdf.

-- **Rudolph Jones MD**

Completely essential go through ebook. I was able to comprehended almost everything using this created e pdf. You will not sense monotony at anytime of your time (that's what catalogs are for relating to if you request me).

-- **Timothy Schulist**