1. Record Nr. UNINA9910300101703321

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Titolo	Independent Random Sampling Methods / / by Luca Martino, David Luengo, Joaquín Míguez
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-72634-X
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (xii, 280 pages)
Collana	Statistics and Computing, , 2197-1706
Disciplina	519.52
Soggetti	Mathematical statistics - Data processing Computer science - Mathematics Social sciences - Mathematics Statistics Statistics and Computing Mathematics of Computing Mathematics in Business, Economics and Finance Statistical Theory and Methods Statistics in Engineering, Physics, Computer Science, Chemistry and Earth Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Direct methods -- Accept-Reject methods -- Adaptive rejection sampling methods -- Ratio of Uniforms -- Independent sampling for multivariate densities -- Asymptotically independent samplers -- Summary and outlook -- A. Acronyms and abbrevations -- B. Notation -- C. Jones' RoU generalization -- D. Polar transformation.
Sommario/riassunto	This book systematically addresses the design and analysis of efficient techniques for independent random sampling. Both general-purpose approaches, which can be used to generate samples from arbitrary probability distributions, and tailored techniques, designed to efficiently address common real-world practical problems, are introduced and discussed in detail. In turn, the monograph presents fundamental results and methodologies in the field, elaborating and developing them into the latest techniques. The theory and methods

are illustrated with a varied collection of examples, which are discussed in detail in the text and supplemented with ready-to-run computer code. The main problem addressed in the book is how to generate independent random samples from an arbitrary probability distribution with the weakest possible constraints or assumptions in a form suitable for practical implementation. The authors review the fundamental results and methods in the field, address the latest methods, and emphasize the links and interplay between ostensibly diverse techniques.