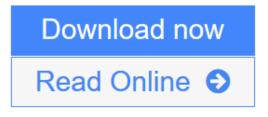


## **Explorations in Monte Carlo Methods** (Undergraduate Texts in Mathematics)

Ronald W. Shonkwiler, Franklin Mendivil



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This book is suitable as a textbook for students of engineering and the sciences, as well as mathematics. The problem-oriented approach makes it ideal for an applied course in basic probability and for a more specialized course in Monte Carlo methods. Topics include probability distributions, counting combinatorial objects, simulated annealing, genetic algorithms, option pricing, gamblers ruin, statistical mechanics, sampling, and random number generation.

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