

## **Metropolis Type Algorithms and Applications**

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### **Abstract:**

This work is dedicated to N. Metropolis, after 100 years since he was born on June 11, 1915. The material reviews the characteristics of Metropolis type algorithms, and outline the application fields which used and use what is called, in general, "Monte Carlo methods".

**Keywords:** Monte Carlo methods, simulation, random numbers, Metropolis, MCMc