

[Lindvall, Torgny](#)

Lectures on the coupling method. Corrected reprint of the 1992 original. (English)

Zbl 1013.60001

Mineola, NY: Dover Publications. xiv, 257 p. (2002).

This is a slightly corrected reprint of the 1992 original. This booklet takes the reader from simple to advanced topics in a clear format while illustrating key aspects of the coupling method. Topics include the coupling inequality, renewal theory, Markov chains, ergodicity and birth and death processes.

Reviewer: [Ulrich Horst \(Berlin\)](#)

MSC:

- [60-02](#) Research exposition (monographs, survey articles) pertaining to probability theory
- [60K25](#) Queueing theory (aspects of probability theory)
- [60K35](#) Interacting random processes; statistical mechanics type models; percolation theory
- [60J10](#) Markov chains (discrete-time Markov processes on discrete state spaces)
- [60K99](#) Special processes

Cited in **92** Documents

Keywords:

[coupling method](#); [renewal theory](#); [Markov chains](#)