

Liggett, T.

Markov processes with local interaction. (Markovskie protsessy s lokal'nym vzaimodejstviem). Transl. from the English by **A. L. Toom** and **S. B. Shlosman**. Transl. ed. and with a preface by **R. L. Dobrushin**. (Markovskie protsessy s lokal'nym vzaimodejstviem.) (Russian) [Zbl 0741.60102](#)
Moskva: Mir. 552 p. (1989).

See the review of the English original (1985) in [Zbl 0559.60078](#).

MSC:

- 60K35** Interacting random processes; statistical mechanics type models; percolation theory
- 60-02** Research exposition (monographs, survey articles) pertaining to probability theory
- 60Jxx** Markov processes

Cited in 1 Document

Keywords:

interacting particle systems; existence of critical values; existence and uniqueness of invariant measures; coupling; relative entropy; reversibility; spin systems; potentials; Gibbs states