Rotenberg, A. R.
Large stochastic systems of finite automata and neural nets. II. (English. Russian original)
Zbl 0365.94081

Summary: An investigation is made of several types of large stochastic systems of finite automata and neural nets on the basis of the results adduced in the author’s paper [Autom. Remote Control 37, 1073–1080 (1976); translation from Avtom. Telemekh. 1976, No. 7, 114–122 (1976; Zbl 0397.68052)]. There are analyzed the limiting (upon unbounded increase of the quantity of automata) random processes described for these systems.

For a scan of this review see the web version.

MSC:

68Q45 Formal languages and automata
94C10 Switching theory, application of Boolean algebra; Boolean functions (MSC2010)
68T05 Learning and adaptive systems in artificial intelligence