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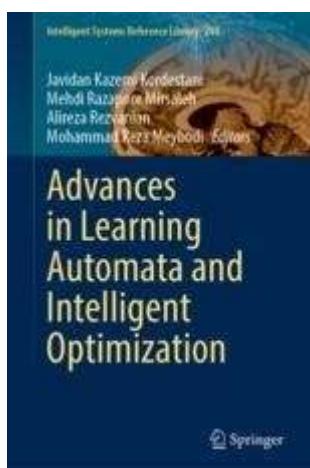
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Advances in Learning Automata and Intelligent Optimization

Editors: **Kazemi Kordestani, M.J., Mirsaleh, M.R., Rezvanian, A., Meybodi, M.R. (Eds.)**

Provides leading studies in the application of learning automata (LA) along with different heuristics for solving optimization problems

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This book is devoted to the leading research in applying learning automaton (LA) and heuristics for solving benchmark and real-world optimization problems. The ever-increasing application of the LA as a promising reinforcement learning technique in artificial intelligence makes it necessary to provide scholars, scientists, and engineers with a practical discussion on LA solutions for optimization. The book starts with a brief introduction to LA models for optimization. Afterward, the research areas related to LA and optimization are addressed as bibliometric network analysis. Then, LA's application in behavior control in evolutionary computation, and memetic models of object migration automata and cellular learning automata for solving NP hard problems are considered. Next, an overview of multi-population methods for DOPs, LA's application in dynamic optimization problems (DOPs), and the function evaluation management in evolutionary multi-population for DOPs are discussed.

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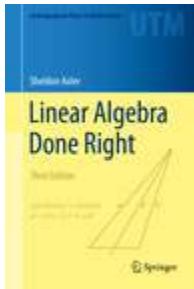
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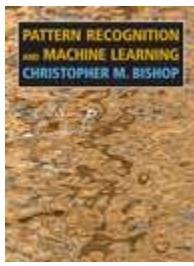
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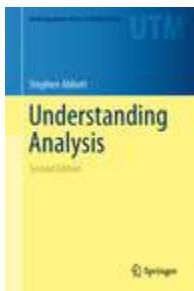
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