

Topical Collection

Algorithms for Games AI

Message from the Collection Editors

We invite you to submit your latest research in the area of gaming AI algorithms to this Topical Collection: Algorithms for Game AI. We are seeking new and innovative approaches to solving game AI problems, whether theoretically or empirically. Submissions are welcome for both traditional game AI algorithms (planning, tree search, etc.) and new algorithms (deep reinforcement learning, etc.). Potential topics include, but are not limited to, the history of game AI, the development of Monte Carlo tree search algorithms or other tree search algorithms, and the theoretical analysis of reinforcement learning algorithms or their applications in specific games.

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Impact Factor 2.1
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About the Journal

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Editor-in-Chief

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