Special Issue

Reinforcement Learning Approaches for Multi-Agent Coordination in Wireless Networks and Smart Communication Systems

Message from the Guest Editors

The following Special Issue focuses on the integration of Multi-Agent Reinforcement Learning techniques into wireless networks and smart communication systems, with the aim of enhancing scalability, adaptability, and efficiency. By leveraging the capabilities of reinforcement learning in a multi-agent setting, communication systems can move toward fully autonomous and self-optimizing behavior, where individual agents learn to act both independently and cooperatively to achieve global objectives.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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