Special Issue

Deep Learning, Deep Reinforcement Learning for Computer Networking

Message from the Guest Editors

Over the last decade, there has been a great development in deep learning, which is considered as a promising technology for diverse areas including computer networking. Despite a considerable amount of efforts, applying deep learning technology to computer networking is still at an early stage. For instance, using deep learning to control network resources where multiple heterogeneous networks co-exist has been poorly studied. Additionally, the limitation of deep learning in networking due to lack of available network data has not been sufficiently addressed. Moreover, the high time and space complexity problem of deep reinforcement learning, which is another important research direction of intelligent network control, remains as a major challenge.Through this Special Issue, we aim at assembling high-quality research papers on deep learning and deep reinforcement learning-based computer networking. The Special Issue will be an open platform for researchers to share pioneering ideas and studies.

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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