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Various Deep Learning Algorithms in Computational Intelligence

Guest Editor:

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Message from the Guest Editor

Deep learning (DL) is an essential topic of increasing interest in science, industry, and academia. Unlike traditional and machine learning methods, DL methods can process large volumes of unstructured data. It is rapidly becoming a tool for modeling and solving complex and difficult problems in different fields of science and technology. For example, in medicine in breast cancer, COVID-19 detection and diabetes detection and prediction; in autonomous vehicles in various tasks such as perception, mapping and localization; in astronomy, for classifying and detecting stars and galaxies; in the design of future wireless networks, and others.

This Special Issue aims to contribute to the state-of-the-art progress on DL with theoretical, practical, and creative insights that provide vanguard solutions to challenging problems or can demonstrate competitive performance.



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