Special Issue

Computational Intelligence and Data Mining in Sports

Message from the Guest Editors

Nowadays, mobile wearable devices (e.g., Garmin, Polar) enable information needed for analyzing the performance achieved by athletes in training. On the other hand, new algorithms and methods in computational intelligence and data mining allow an intelligent mode of evaluating the progress of athletes in all phases of sports training. This Special Issue focuses on computational intelligence and data mining in sports. The aim of this Special Issue is to compile the latest achievements in this area and to open a forum where people from academia and the sport industry can find solutions to the arising problems in sport. Potential topics include but are not limited to the following:

- Computational social science;
- Data mining of sport activities;
- Theory of sport training;
- Automatic generation of sport training sessions;
- Injury prevention;
- Food prediction and planning;
- Mobile and pervasive computing;
- Computational intelligence theory and/or applications to sports;
- Visualization of sport activities.

Keywords Computational Intelligence in sports Data Mining in sports Wrist-wearable devices Visualization Swarm intelligence and Evolutionary Algorithms

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Message from the Editor-in-Chief

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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