Computer Vision in Mechatronics Technology

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Message from the Guest Editors

Dear Colleagues,

This Special Issue is devoted to the application of computer vision in mechatronics technology. Both theoretical and experimental studies are welcome, as well as comprehensive reviews and survey articles. Topics of interest for this Special Issue include but are not limited to:

- Computer vision in mechatronics/robotics;
- Obstacle detection;
- Computer vision in sports;
- Serial robots, parallel robots, vision technology, vision inspection, robot programming;
- Action recognition in realistic sports
- 3D machine vision and additive manufacturing;
- Performance indices of robots;
- ROS and machine vision in mechatronics;
- Computer vision and robotics for medical application;
- Model-based control of mechatronic systems;
- Control systems based on vision;
- Mechatronics and machine vision in practice;
- Computer vision in mechanical systems;
- Computer vision in CAD/CAM engineering;
- Computer vision for autonomous vehicles, unmanned air vehicles.

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Special Issue

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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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