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Energy-Saving Control in Mechatronics Systems

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Message from the Guest Editors

Dear Colleagues,

Currently, the consumption of electric energy input is required to be more efficient for the same performance in driving a mechatronics system. Therefore, energy-saving motion control has gradually attracted more attention from scholars.

In this Special Issue, we invite contributions regarding energy-saving trajectory design, control, and novel technologies for academic and industrial applications. Studies with numerical simulations and experimental results are all encouraged to be published in the Special Issue. Using artificially intelligent algorithms, energy-saving trajectory design may be accomplished. Using the nonlinear tracking control, it is possible to achieve the minimum input electrical energy, and the new technology can be implemented in real-world industrial applications. Those who wish to contribute articles related to the above energy-saving techniques are welcome to submit them to this Special Issue.

Deadline for manuscript submissions:
closed (22 April 2022)

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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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