Special Issue

High-Performance Advanced Control for Electromechanical and Hydraulic Systems

Message from the Guest Editors

Both electromechanical and hydraulic systems are broadly applied in high-performance drive and motion control for high-end mechanical equipment. Nonetheless, considering the presence of strong nonlinearities and multiple uncertainties existing in electromechanical and hydraulic systems, it is still arduous to meet the requirement of high-performance control. Thereby, the advanced control techniques for electromechanical and hydraulic systems have attracted much attention in recent years. This Special Issue focuses on high-performance advanced control for electromechanical and hydraulic systems. The main topics of this Special Issue include, but are not limited to, the following: electromechanical control; hydraulic control; robot control; nonlinear control; adaptive and robust control; disturbance rejection control; intelligent control; fault diagnosis and fault-tolerant control; modeling; simulations and applicationss; etc. We look forward to your submissions.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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