Special Issue

Actuators for Identification, Vibration Analysis, and Control of Mechatronic Systems

Message from the Guest Editor

It is well-known that the design of innovative strategies for efficient operation, robust control, effective suppression of undesirable oscillations and real-time identification for modern mechatronic systems, as well as for their multiple components, involves several open and challenging research topics. This Special Issue aims to present recent and innovative contributions on modeling, system identification, vibration analysis, diverse automatic control design methodologies and applications of actuators for a wide variety of recent mechatronics systems, including their electric, electronic and mechanical components and software engineering. Thus, in this context, we welcome important recent contributions related (but not limited) to modeling, vibration control, system identification, vehicle suspensions, collaborative robotic systems, autonomous aerial and underwater vehicles and other experimental and theoretical results in this very broad matter, where the science and technology of actuators and control systems play a relevant role.

Guest Editor

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