

## Special Issue

# Advances of Modern Control Systems and Robotic Applications

### Message from the Guest Editor

Control and automation in their broadest sense play a fundamental role in process industries. Automatic control systems involve mathematics more than is usual in other engineering disciplines. Even though the subject has a strong mathematical foundation, emphasis throughout the literature is not on mathematical rigor or formal derivation (unless they contribute to the understanding of the concept) but, instead, on the methods of application associated with the analysis and design of the feedback system. Advances in sensors, actuators, computation technology, and communication networks help provide the necessary tools for the implementation of control hardware. Practical applications for this control method are aimed toward a variety of relevant scientific research fields that incorporate robotics and automation in applications. The scope of this Special Issue is to present and discuss new trends in the design, control, and applications of control systems, robots, and mechatronic systems...

### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2021)



## Mathematical and Computational Applications

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Computational Applications*  
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*Mathematical and Computational Applications (MCA)* is devoted to the dissemination of original research in the field of engineering, natural sciences and social sciences where mathematical and/or computational techniques are necessary for solving specific problems. The aim of the journal is to provide a medium by which a wide range of experience can be exchanged among researchers from diverse fields such as engineering (electrical, mechanical, civil, industrial, aeronautical, nuclear, etc.), natural sciences (physics, mathematics, chemistry, biology, etc.) and social sciences (administrative sciences, economics, political sciences, etc.).

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