

Special Issue

Design and Control of Complex and Intelligent Systems

Message from the Guest Editor

Complex dynamic systems and intelligent systems are designed to learn, adapt, and make autonomous decisions in complex and changing environments. Therefore, they play a crucial role in various fields, including industry, biomedical engineering, agriculture, and space exploration, among others. Nowadays, due to the natural trend towards automation, their applications have expanded. However, complex dynamic systems and intelligent systems must be well-designed and controlled to provide the required performance. This way, these systems can increase their performance, operational safety, and contribute to energy efficiency, which has become a major concern in the world.

Meeting the growing demand for energy while reducing costs, caring for sustainability and minimizing carbon emissions. This special issue on "Design and Control of Complex and Intelligent Systems" includes high-quality papers focusing on the latest novel developments in modeling, simulation, design, control, optimization, application, and maintenance of all types of complex dynamic systems and intelligent systems.

Guest Editor

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