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Applied System Innovation

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Message from the Editor-in-Chief

In the modern technological society, engineers and designers must work together with a variety of other professions in their quest to find systematic solutions to complex problems. Instant development in science and technology has broadened the horizon of engineering. Meanwhile, it is creating a multitude of challenging problems in every aspect of modern life. Current research is interdisciplinary in nature, reflecting a combination of concepts and methods that often span several fields, such as mechanics, mathematics, electrical engineering, control engineering, and other scientific disciplines. This research often combines theoretical models with numerical simulations to solve problems or make predictions that may be used in industry or in people's everyday life.

Editor-in-Chief

Prof. Dr. Christos Douligeris

Associate Editor

Prof. Dr. Teen-Hang Meen

Aims

The main goal of this journal is to publish research results in applied system innovation. The ultimate aim is to discover new scientific knowledge relevant to designs of the future, to enhance technological development in a range of industries and to improve welfare of people. We hope that this journal will enable interdisciplinary collaboration and networking between engineering and design technologists in the academic and industrial fields.

Scope

- Mathematical problems in electrical and mechanical system design
- Smart electromechanical system analysis and design
- Mathematical control theory and system design
- Computer-aided methods for procedure and manufacture design
- Engineering design methodology and optimization
- Computer and human-machine interaction
- Internet technology in systematic innovation
- Intelligent robots and their control
- Application to internet of things
- Mathematical problems in the design of industrial and visual products, and digital media
- Various computational methodology topics and design procedures
- Mathematical design techniques

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