

Special Issue

Industrial Applications of System Identification

Message from the Guest Editor

Determining the model of a dynamical system is an important problem in engineering. Such a model allows, among other things, a better understanding of the system studied, an analysis of the interactions and causal relationships between different variables and quantities relating to the process, and the observation and prediction of some of these variables. We are interested here in the industrial applications of parametric identification methods. While the literature reports numerous techniques for the implementation of such a process, this Special Issue is dedicated more particularly to the identification of dynamical systems in the form of transfer function or in the form of state representation, discrete time or continuous time. Experiments can be in open loop or in closed loop, while systems can be linear or nonlinear. Please note that contribution must describe in details (to help understanding) the industrial system and the identification process (description of the identification algorithm used, the design of the experiment, the validation step).

Guest Editor

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Message from the Editor-in-Chief

Systems is a leading venue for the quick and global dissemination of results of cutting-edge research in various areas of systems science and systems-related fields. An increasing number of researchers are realizing the enormous potential of systems thinking in managing the many unprecedented and complex issues in all areas of need. The *Systems* journal provides a home of exceptional quality for the manuscripts of these researchers who often find it difficult to publish their work in conventional discipline focused journals.

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