# **Special Issue**

### Advances in Analysis and Control of Systems with Uncertainties

### Message from the Guest Editor

With this Special Issue, we will provide an opportunity to present recent developments in theory and various reallife applications of analysis of systems with uncertainties (deterministic or stochastic, parametric or nonparametric, matched or unmatched) and design of robust control for such systems. This Special Issue will address the following non-exhaustive list of topics: qualitative analysis of uncertain systems, such as stability, stabilizability, detectability, controllability, and observability of such systems; robust control of uncertain systems, including sliding mode control, H∞ control, low-chattering and chattering-free control, and game-based control; filtering and/or estimation of uncertain systems; real-life uncertain systems, including qualitative analysis and/or robust control design; etc. It should be noted that the Special Issue is open to receiving further ideas, apart from the aforementioned topics. We hope that this initiative will be attractive to experts in the theory of systems with uncertainties and its various real-life applications. We encourage you to submit your current research to be included in the Special Issue.

### **Guest Editor**

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### Deadline for manuscript submissions

closed (30 April 2021)



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### Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

### Editor-in-Chief

Prof. Dr. Humberto Bustince Department of Statistics, Computer Science and Mathematics, Public University of Navarra, 31006 Pamplona, Spain

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