## **ACADEMIC PRESS**



An imprint of Elsevier

## **Invitation to Submit Manuscripts**

Academic Press MATHEMATICS IN SCIENCE AND ENGINEERING Book Series

## EDITORIAL BOARD

**Editor-in-Chief** 

Goong Chen (gchen@math.tamu.edu) Texas A&M University

Jordi Boronat (jordi.boronat@upc.edu) Technical University of Catalonia

Helene Frankowska (helene.frankowska@imj-prg.fr) CNRS and Université Pierre et Marie Curie

 $Vicentiu\ Radulescu\ (vicentiu.radulescu@imar.ro)$  The Romanian Academy

Stephen Wiggins (maxsw@bristol.ac.uk) University of Bristol

Pengfei Yao (pfyao@iss.ac.cn) The Chinese Academy of Sciences

## Description

The applied, computational and nonlinear mathematics and mechanics, and associated progress in design, optimization and control theory are crucial elements in contemporary science and technology for the 21st Century. This book series will supply researchers, faculty and graduate students working in universities, government labs and industry with a valuable resource to facilitate their work.

The series will publish research monographs, textbooks and formalized lecture notes. For timely topics, a multi-contributor edited volume may also be considered for expedited dissemination of contemporary study. The subject areas of interest include, but are not limited to, the following: mathematical science (applied and computational mathematics) and its foundations; engineering (including aerospace, chemical, computer, electrical, environmental, industrial, mechanical and petroleum engineering); physical sciences (chemistry and physics); life sciences (agricultural, biological and biomedical sciences); earth science (atmospheric and geological sciences); and quantitative finance, economics and management, where medium to heavy usage of mathematics, especially the modeling, theory, computation, estimation, optimization and control of (partial) differential equations are involved. Applicable or applied probability and statistics, discrete mathematics, pure mathematics arising from algebra, geometry and topology, empirical/experimental scientific and engineering studies may also be considered. Inter- and multi-disciplinary and contemporary topics will be particularly attractive.

This Mathematics in Science and Engineering book series is a re-edition and continuation of the famous Academic Press "Red" Book Series first founded by Professor Richard Bellman during the 1960s. It is an imprint of Elsevier, the world's largest scientific, engineering and medical publishing house. Authors of the book series will be provided with the widest dissemination and ScienceDirect accessibility by Elsevier's leading role in publishing technology and marketing.

For prospective authors, please inquire Proposal Form and Book Template from the Editorial Board and prepare Table of Contents and a sample chapter for consideration. We welcome your manuscripts!