



Applications of Partial Differential Equations in Engineering, 2nd Edition

Guest Editors:

Prof. Dr. Francisco Ureña

Escuela Técnica de Ingenieros
Industriales, Universidad
Nacional de Educación a
Distancia, 28040 Madrid, Spain

Dr. Antonio Manuel Vargas

Facultad de Ciencias
Matemáticas, Universidad
Complutense de Madrid, 28040
Madrid, Spain

Dr. Ángel García Gómez

Escuela Técnica de Ingenieros
Industriales, Universidad
Nacional de Educación a
Distancia, 28040 Madrid, Spain

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Message from the Guest Editors

Dear Colleagues,

Partial differential equations have become an extensive topic in mathematics, physics and engineering due to the novel techniques recently developed and great achievements in computational sciences. Both theoretical and applied viewpoints have gained great attention from many different natural sciences.

A partial list of topics includes modeling, solution techniques and applications of computational methods in a variety of areas (e.g., liquid and gas dynamics, solid and structural mechanics, and bio-mechanics), variational formulations and numerical algorithms related to implementation of the finite and boundary element methods, finite difference and finite volume methods, and other basic computational methodologies.

Prof. Dr. Francisco Ureña
Dr. Antonio Manuel Vargas
Dr. Ángel García Gómez
Guest Editors





Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and
Informatics, De Montfort
University, The Gateway,
Leicester LE1 9BH, UK

Message from the Editor-in-Chief

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Mathematics Editorial Office
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