COMPUTERS & MATHEMATICS WITH APPLICATIONS

An International Journal

AUTHOR INFORMATION PACK

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ISSN: 0898-1221

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Computers & Mathematics with Applications provides a medium of exchange for those engaged in fields contributing to building successful **simulations** for **science** and **engineering** using **Partial Differential Equations** (PDEs).
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Mieczyslaw Kuczma, Poznan ́University of Technology, Poznan, Poland

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Jens Markus Melenk, Technische Universität Wien, Wien, Austria

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Neela Nataraj, Indian Institute of Technology- Mumbai, Mumbai, India

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Nilima Nigam, Simon Fraser University, Burnaby, British Columbia, Canada

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Fabio Nobile, École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

numerical approximation of PDEs with stochastic data; polynomial chaos approximations; sparse grids; uncertainty quantification; finite element method; fluid-structure interaction; cardiovascular mathematics

Abani K. Patra, The State University of New York at Buffalo, Buffalo, New York, USA

Adaptive meshing, parallel computing, uncertainty quantification, linear system solvers, domain decomposition theory, geophysical modeling, scientific

Jorg Peters, Dept. of CISE, University of Florida, CSE Building, Gainesville, FL 32611-6120, USA

Impact of geometry on PDEs (eg. representation and shape of boundary surfaces); higher order isoparametric methods (reparameterization on `physical domains'); (interactive) simulation of tissue

Ernesto Prudencio, University of Texas at Austin, Austin, Texas, USA

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Serge Prudhomme, Polytechnique Montreal, Montréal, Quebec, Canada

Finite Elements, a posteriori error estimation, adaptive methods, model adaptivity, Verification and Validation, inverse problems, uncertainty quantification

Joachim Schöberl, Technische Universität Wien, Wien, Austria

High order finite elements, mixed finite elements, preconditioning, Maxwell equations.

Raul Tempone, King Abdullah University of Science and Technology (KAUST), Thuwal, Saudi Arabia

Lucas Wilcox, Naval Postgraduate School, Monterey, California, USA

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Zohar Yosibash, Ben Gurion University of the Negev, Beer Sheva, Israel

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[2] W. Strunk Jr., E.B. White, The Elements of Style, fourth ed., Longman, New York, 2000.
Reference to a chapter in an edited book:
[3] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), Introduction to the Electronic Age, E-Publishing Inc., New York, 2009, pp. 281–304.
Reference to a website:
[4] Cancer Research UK, Cancer statistics reports for the UK. http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/, 2003 (accessed 13.03.03).
Reference to a dataset:

[dataset] [5] M. Oguro, S. Imahiro, S. Saito, T. Nakashizuka, Mortality data for Japanese oak wilt disease and surrounding forest compositions, Mendeley Data, v1, 2015. https://doi.org/10.17632/xwj98nb39r.1.

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