

Call for Papers – Please bring it to the attention of your colleagues who may be interested in contributing a paper.

Mathematics for Industry

Editors: Professor Santosh Kumar, School of Communications and Informatics, Victoria University, Melbourne, Australia,

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Mathematical representations of real situations arise in all walks of life; you may be an executive, a scientist, an economist, an industrialist, or a researcher. The mathematics associated with a given situation may be elementary or sophisticated or may even require development of new mathematical tools. All situations to some extent are challenging, when applied to a real life situation. Thus industry is a never-ending source for new applications of Mathematics, which provide motivation, challenge and satisfaction to mathematicians. Motivation comes from the diversity of applications; the challenge is to provide an answer to industry; and satisfaction is in mathematicians' ability to meet the required challenge and provide an answer to industry in the limited time available. Thus in this fascinating and fertile area, there is always going to be a need for a new book putting forward recent contributions, and existing available literature would never be sufficient.

The proposed book on “Mathematics for Industry” will be published by Science Publishers, Inc., Enfield, New Hampshire USA. **All submitted contributions would go through a normal refereeing process followed by the professional journals.**

This proposed book will include papers on using methods of operations research, statistical techniques and applied mathematical modeling approaches applied to various fields in science, commerce and industry. Original papers dealing with some real life applications would be encouraged. However, other papers with a potential application would also be considered. Generally papers should not exceed more than 15 pages.

Papers should be written in English. Contributions are encouraged to be in either Microsoft Word or LaTeX DVI format and posted to one of the two editors.

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Authors are requested to forward a short abstract of their proposed paper and interested authors will be advised with regard to the style requirements of the publisher.

Some **important dates** are as follows:

1. Initial intent: As soon as possible:
2. Full text of the paper by 20 December 2002.
3. Revised papers by July 2003
4. Editors intend to hand over the final manuscript to the publisher by December 2003.