Preface

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We are pleased to offer readers of Journal of Mathematical Modelling and Algorithms in Operations Research this Special Issue consisting of some of the contributions presented at the 13th International Conference of Computational and Mathematical Methods in Science and Engineering, CMMSE – 2013, held at Almeria, Spain, June 24-28, 2013. This special issue maintains the spirit of CMMSE special issues, prior advances are in the references and besides the issue contains a few other items selected for their relevance and affinity with the subject discussed in the conference.

The issue contain new advances in Image-filtering and optimization of rainy cells, sea sar images analysis to detect oil slicks in Algerian coasts, optimized Fractal Analysis to Quantify Wind Speed and Wind Direction Fluctuations, Generalized Multi-objective Evolutionary Algorithm Guided by Descent Directions and algorithm for Optimal SVM classification for compact polar metric data using Stokes parameters.

The collection of articles can be useful and informative on the new perspectives and trends in interactions between Operational Research and Engineering and I hope that the reader can enjoy its reading, hoping that it can also serve as inspiration for new outcomes.

Finally we want to thank all the authors, referees and specially to Professor Vic Rayward-Smith for their help in contributing excellently to this special volume.

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