Preface

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This special issue of the Journal of Global Optimization contains a selection of papers presented at the International Conference on Optimization and its Applications (ICOIA-BHU-2010) that was held in Varanasi, India, during February 16–18, 2010. The papers cover a large variety of topics in the theory and applications of optimization, such as: variational inequalities and related fields (fixed point theory, equilibrium problems); monotone operators and monotone bifunctions; DC optimization; fractional programming; semi-infinite optimization; duality theory, especially strong duality; portfolio optimization etc. Overall, 82 papers were presented in the Conference while 15 of them are contained in the special issue.

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