

Preface

This is a special issue containing selected uncertainty-related papers presented at the annual workshops on computational sciences, computer science, and mathematics organized by the University of Texas at El Paso (UTEP) and the New Mexico State University (NMSU) under the sponsorship of the Computing Alliance of Hispanic-Serving Institutions (CAHSI) and the NSF-supported Center of Excellence for Sharing Resources to Advance Research and Education through Cyberinfrastructure (Cyber-ShARE), and at several related meetings.

These papers deal with different types of uncertainty:

- probabilistic (Koshelev, Suriya et al., Wang et al.),
- interval (Brefort et al.),

Some papers deal with both probabilistic and interval uncertainties (Lo).

A paper by Sun et al. deals with optimization.

Several papers deal with actual and potential applications:

- to economics (Wang et al.),
- to environmental sciences (Brady et al.),
- to medicine (Koshelev et al.),
- to research organization (Suriya et al.),
- to robotics (Brefort et al.),
- to software and systems engineering (Rivera et al., Zapata et al.)

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co-editors of the special issue