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Subset Simulation for multi-objective optimization

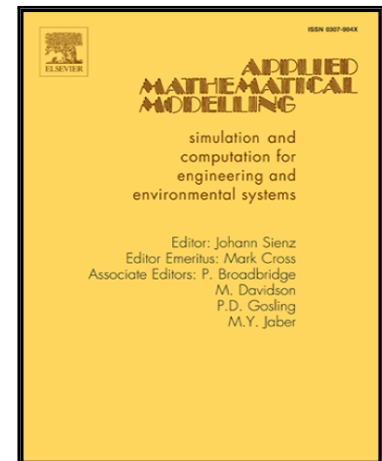
Xin-Shi Suo , Xiong-Qing Yu , Hong-Shuang Li

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Highlight

- Subset simulation is extended to be a multi-objective optimization method
- A non-dominated sorting algorithm is introduced to judge the priority of a sample
- Effects of sample size and seed sample proportion was investigated
- Comparisons were made with NSGA-II for four benchmark problems
- The proposed method was applied on the optimization design of a civil jet

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