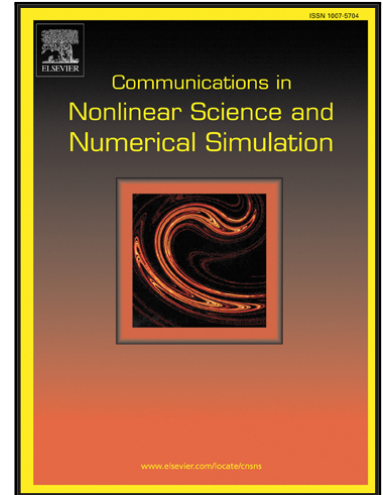


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An efficient reliability algorithm for locating design point using the combination of importance sampling concepts and response surface method

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Highlights

- An efficient reliability algorithm for locating design point is proposed.
- The algorithm takes benefit from importance sampling and response surface method.
- An updating rule of design point for the importance sampling part is proposed.
- Answers of importance sampling are effectively improved by response surface method.

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