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An adaptive divergence-based method for structural reliability analysis via multiple Kriging models

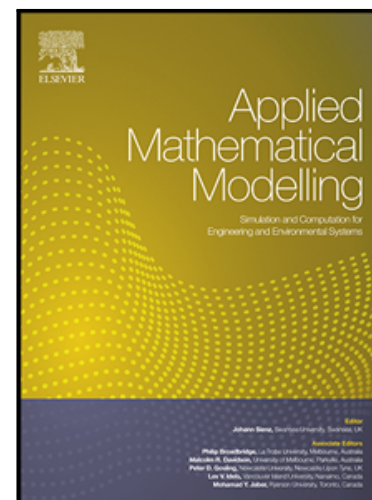
Jafar Vahedi , Mohammad Reza Ghasemi , Mahmoud Miri

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Highlights

- An adaptive multiple Kriging method is proposed to estimate the probability of failure.
- Two new approaches of prediction with multiple surrogates are employed in the proposed method.
- Accuracy and efficiency of the proposed method are illustrated using several reliability examples.

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