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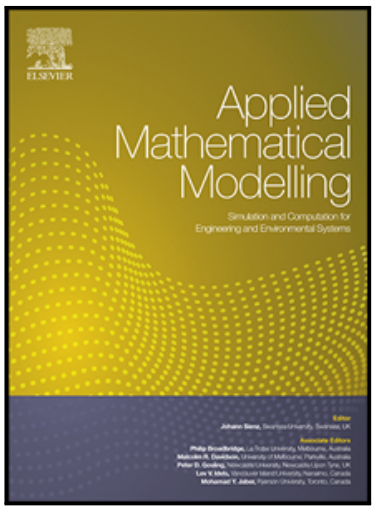

Reliability Modelling and Assessment of a Heterogeneously Repaired System with Partially Relevant Recurrence Data

Weiwen Peng , Narayanaswamy Balakrishnan , Hong-Zhong Huang

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Highlights:

- A new reliability model is presented for a system with partially relevant failures.
- A virtual age model is proposed for recurrent failures with heterogeneous repairs.
- Failure-relevance factor is introduced for modelling partially relevant failures.
- A Bayesian method is developed for online inference with evolving recurrence data.

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