### **Accepted Manuscript**

Simulation Methods for System Reliability Using the Survival Signature

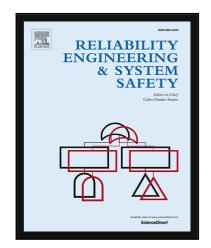
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#### ACCEPTED MANUSCRIPT

#### Highlights

- $\bullet$  Efficient simulation methods based on the survival signature
- $\bullet$  Applicable to multi-state (repairable) component
- Allows to deal with imprecision on the component failure time and on the survival signature.
- Provide huge reduction of required information

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