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A Stochastic Approach for the Reliability Evaluation of Multi-State Systems with Dependent Components

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Highlights

- Stochastic models are proposed for a multi-state system with dependent components.
- The system consists of components with steady and time-varying state probabilities.
- The models are not affected by the number of components' states compared to UGF.
- The models avoid the large computational complexity in analyzing complex systems.

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