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Time-dependent reliability assessment of ship structures under progressive and shock deteriorations

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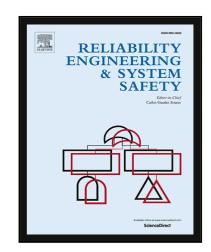
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Highlights

- Lifetime reliability of structure under multiple hazards is analyzed using point-in-time and cumulative-time approaches.
- Progressive and shock type deteriorations are included in lifetime structural performance deterioration model.
- Safety and serviceability margins are adopted for structural failure analysis
- Proposed framework is applied to a structural component of a ship structure.

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