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Fracture, Fatigue, Failure and Damage Evolution, Volume 3

Proceedings of the 2022 Annual Conference on Experimental and Applied Mechanics

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Description:

Fracture, Fatigue, Failure and Damage Evolution, Volume 3 of the Proceedings of the 2022 SEM Annual Conference & Exposition on Experimental and Applied Mechanics, the third volume of six from the Conference, brings together contributions to this important area of research and engineering. The collection presents early findings and case studies on a wide range of areas, including:

- Novel Experimental Methods
- Extreme Environments
- Interfacial Fracture
- Integration of Models & Experiments
- Mechanics of Energy & Energetic Materials
- Integration of Models & Experiments
- In Situ Techniques for Fatigue & Fracture
- Microscale & Microstructural Effects on Mechanical Behavior

Keywords: Fracture mechanics Materials fatigue Interfacial Fracture Extreme Environments Integration of Models & Experiments Mechanics of Energy & Energetic Materials Integration of Models & Experiments In Situ Techniques for Fatigue & Fracture Microscale & Microstructural Effects on Mechanical Behavior

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