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Fracture, Fatigue, Failure, and Damage Evolution, Volume 5

Proceedings of the 2014 Annual Conference on Experimental and Applied Mechanics

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Description:

Fracture, Fatigue, Failure and Damage Evolution, Volume 5: Proceedings of the 2014 Annual Conference on Experimental and Applied Mechanics, the fifth volume of eight 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:

- Mixed Mode Fracture I: Emphasis on Modeling
- Mixed Mode Fracture II: Emphasis on Experimental Measurements
- Full-Field Measurements of Fracture
- Microscale & Microstructural Effects on Mechanical Behavior I: Nanoscale Effects
- Microscale & Microstructural Effects on Mechanical Behavior II: MEMS
- Microscale & Microstructural Effects on Mechanical Behavior III: Microstructure
- Microscale & Microstructural Effects on Mechanical Behavior IV: Shape Memory Alloys
- Fracture & Fatigue of Composites
- Fracture & Fatigue for Engineering Applications
- Wave-Based Techniques in Fracture & Fatigue I
- Wave-Based Techniques in Fracture & Fatigue II: Acoustic Emissions

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