

Dynamic behavior of materials, Volume 1: Proceedings of the 2018 Annual Conference on Experimental and Applied Mechanics

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Abstrak

Dynamic Behavior of Materials, Volume 1 of the Proceedings of the 2018 SEM Annual Conference & Exposition on Experimental and Applied Mechanics, the first 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 fundamental and applied aspects of Experimental Mechanics, including papers on:

Synchrotron Applications/Advanced Dynamic Imaging

Quantitative Visualization of Dynamic Events

Novel Experimental Techniques

Dynamic Behavior of Geomaterials

Dynamic Failure & Fragmentation

Dynamic Response of Low Impedance Materials

Hybrid Experimental/Computational Studies

Shock and Blast Loading

Advances in Material Modeling

Industrial Applications