

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 ImagingQuantitative Visualization of Dynamic EventsNovel Experimental TechniquesDynamic Behavior of GeomaterialsDynamic Failure & FragmentationDynamic Response of Low Impedance MaterialsHybrid Experimental/Computational StudiesShock and Blast LoadingAdvances in Material ModelingIndustrial Applications