

Dynamic Behavior of Materials, Volume 1

Proceedings of the 2013 Annual Conference on Experimental and Applied Mechanics

Editor: Bo Song, The Society for Experimental Mechanics, Bethel, USA

Dynamic Behavior of Materials, Volume 1: Proceedings of the 2013 Annual Conference 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:

- General Dynamic Material Properties
- Novel Dynamic Testing Techniques
- Dynamic Fracture and Failure
- Novel Testing Techniques
- Dynamic Behavior of Geo-materials
- Dynamic Behavior of Biological and Biomimetic Materials
- Dynamic Behavior of Composites and Multifunctional Materials
- Dynamic Behavior of Low-Impedance materials
- Multi-scale Modeling of Dynamic Behavior of Materials
- Quantitative Visualization of Dynamic Behavior of Materials
- Shock/Blast Loading of Materials

Dynamic Behavior of Materials, Volume 1

Bo Song
Dan Casem
Jamie Kimberley



Proceedings of the 2013 Annual Conference on Experimental and Applied Mechanics

River Publishers Series in Conference Proceedings of the Society for Experimental Mechanics Series

e-ISBN: 9788743802495

Available From: October 2013

Price:

KEYWORDS:

Devices & Fabrication Measurement Challenges
Nanoindentation Optical Methods Residual Stress
Single Molecule/single Atom Mechanical Testing
Size Effects in Metals Tribology

