



River Publishers

Thermomechanics & Infrared Imaging, Inverse Problem Methodologies and Mechanics of Additive & Advanced Manufactured Materials, Volume 6

Proceedings of the 2022 Annual Conference on Experimental and Applied Mechanics

Editor: Rachael C Tighe, The Society for Experimental Mechanics, Bethel, USA

Thermomechanics & Infrared Imaging, Inverse Problem Methodologies and Mechanics of Additive & Advanced Manufactured Materials, Volume 6 of the Proceedings of the 2022 SEM Annual Conference & Exposition on Experimental and Applied Mechanics, the sixth 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:

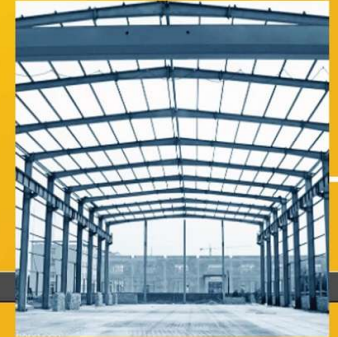
- Test Design and Inverse Method Algorithms
- Inverse Problems: Virtual Fields Method
- Material Characterizations Using Thermography
- Fatigue, Damage & Fracture Evaluation Using Infrared Thermography
- Residual Stress
- Mechanics of Additive & Advanced Manufactured Materials

River Rapids

Conference Proceedings of the Society for Experimental Mechanics Series

Nonlinear Structures & Systems, Volume 1

Matthew R.W. Brake
Ludovic Renson
Robert J. Kuether
Paolo Tiso



Proceedings of the 41st IMAC, A Conference and Exposition on Structural Dynamics 2023



River Publishers

River Publishers Series in Society for Experimental Mechanics Proceedings

e-ISBN: 9788743800385

Available From: January 2023

Price:

KEYWORDS:

Test Design and Inverse Method Algorithms Inverse Problems: Virtual Fields Method Material Characterizations Using Thermography Residual Stress Mechanics of Additive & Advanced Manufactured Materials



www.riverpublishers.com
marketing@riverpublishers.com