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Residual Stress, Thermomechanics & Infrared Imaging and Inverse Problems, Volume 6

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Editors:
Antonio Baldi, The Society for Experimental Mechanics, Bethel, USA
Sharlotte L.B. Kramer, The Society for Experimental Mechanics, Bethel, USA
Fabrice Pierron, The Society for Experimental Mechanics, Bethel, USA
John Considine, The Society for Experimental Mechanics, Bethel, USA
Sven Bossuyt, The Society for Experimental Mechanics, Bethel, USA
Johan Hoefnagels, The Society for Experimental Mechanics, Bethel, USA

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Description:

Residual Stress, Thermomechanics & Infrared Imaging and Inverse Problems, Volume 6 of the Proceedings of the 2019 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
- Residual Stresses: Measurement, Uncertainty & Validation
- Residual Stresses: Eigenvalues, Modeling, & Crack Growth
- Material Characterizations Using Thermography
- Fatigue, Damage & Fracture Evaluation Using Infrared Thermography

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Denmark Head Office
Alsbjergvej 10
9260 Gistrup
Denmark
www.riverpublishers.com
Email: info@riverpublishers.com

USA Office
Indianapolis, IN
USA
Tel.: +1-3176899634
Email: rajeev.prasad@riverpublishers.com

UK Office
River Publishers
Email: philippa.jefferies@riverpublishers.com