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Description:

Residual Stress, Thermomechanics & Infrared Imaging and Inverse Problems, Volume 7 of the Proceedings of the 2020 SEM Annual Conference & Exposition on Experimental and Applied Mechanics, the seventh volume of sseven 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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