

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

Advancement of Optical Methods in Experimental Mechanics, Volume 3

Proceedings of the 2015 Annual Conference on Experimental and Applied Mechanics

Editors:
Helena Jin, The Society for Experimental Mechanics, Bethel, USA
Sanichiro Yoshida, The Society for Experimental Mechanics, Bethel, USA
Luciano Lamberti, The Society for Experimental Mechanics, Bethel, USA
Ming-Tzer Lin, The Society for Experimental Mechanics, Bethel, USA

e-ISBN: 9788743802853
Available From: November 2015
Price: € 0.00

Description:

Advancement of Optical Methods in Experimental Mechanics, Volume 3 of the Proceedings of the 2015SEM Annual Conference& Exposition on Experimental and Applied Mechanics, the third volume of nine 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 optical methods ranging from traditional photoelasticity and interferometry to more recent DIC and DVC techniques, and includes papers in the following general technical research areas:

- Advanced optical interferometry
- Developments in Image correlation (Digital &Volumetric)
- Full Field Methods
- Novel Optical Methods for Stress/Strain Analysis
- Advances in Optical Methods

Keywords: DIC Digital Image Correlation Novel Optical Methods for Stress/Strain Analysis Optical Methods in Experimental Mechanics Society for Experimental Mechanics Annual Meeting Proceedings