

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

Data Science in Engineering Vol. 10

Proceedings of the 42nd IMAC, A Conference and Exposition on Structural Dynamics 2024

Editors:
Thomas Matarazzo, The Society for Experimental Mechanics, Bethel, USA
Francois Hemez, The Society for Experimental Mechanics, Bethel, USA
Eleonora Maria Tronci, The Society for Experimental Mechanics, Bethel, USA
Austin Downey, The Society for Experimental Mechanics, Bethel, USA

e-ISBN: 9788743804314
Available From: October 2024
Price: € 0.00

Description:
Data Science in Engineering, Volume 10: Proceedings of the 42nd IMAC, A Conference and Exposition on Structural Dynamics, 2024, the tenth volume of ten 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 Data Science in Engineering, including papers on:

- Novel Data-driven Analysis Methods
- Deep Learning Gaussian Process Analysis
- Real-time Video-based Analysis
- Applications to Nonlinear Dynamics and Damage Detection
- Data-driven System Prognostics

Keywords: Conference Proceedings Novel Data-driven Analysis Methods Deep Learning Gaussian Process Analysis Real-time Video-based Analysis Applications to Nonlinear Dynamics and Damage Detection High-rate Structural Monitoring and Prognostics

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