River Publishers

Data Science in Engineering, Volume 10

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

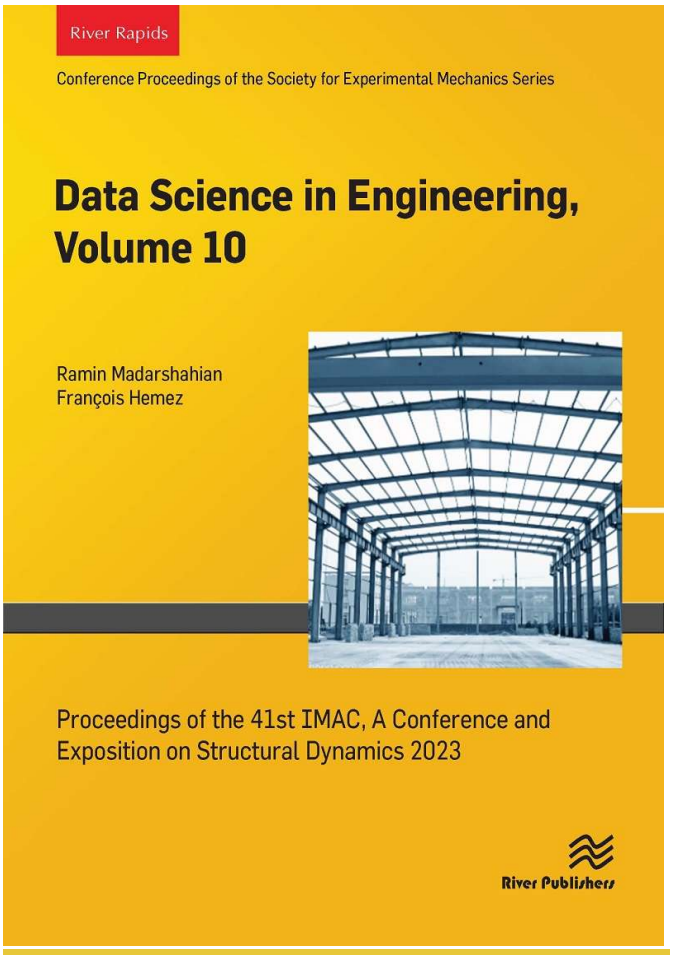
Editors:

Ramin Madarshahian, The Society for Experimental Mechanics, Bethel, USA

Francois Hemez, The Society for Experimental Mechanics, Bethel, USA

Data Science in Engineering, Volume 10: Proceedings of the 41st IMAC, A Conference and Exposition on Structural Dynamics, 2023, 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
- High-rate Structural Monitoring and Prognostics



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

e-ISBN: 9788743804161
Available From: December 2023
Price:

KEYWORDS:
Data Science Engineering mathematics Structural engineering modal analysis Conference Proceedings

www.riverpublishers.com
marketing@riverpublishers.com