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Dynamic Substructuring & Transfer Path Analysis, 2026, Vol. 4

Proceedings of the 44th IMAC, A Conference and Exposition on Structural Dynamics 2026

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Description:

Dynamic Substructuring & Transfer Path Analysis, Volume 4: Proceedings of the 44th IMAC, A Conference and Exposition on Structural Dynamics, 2026, the fourth 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 the dynamics of coupled structures, including papers on:

- Nonlinear and Joint Interface Substructuring
- Reduced Order Modeling and Substructuring
- Inverse and Dynamic Substructuring
- Substructuring of the Mechanical Systems
- Transfer Path Analysis

Keywords: Impulse Response Functions, Experimental techniques, Nonlinear substructuring, modal coupling, nonlinear TPA, Round Robin, Force Estimation, TPA, Force Estimation, Open Source, Dynamic Substructuring, Time Domain, IBS, OKID dynamics, joint identification, Pseudo Interface, Component Swap, Transfer Path, Pseudo-Forces, Transferability