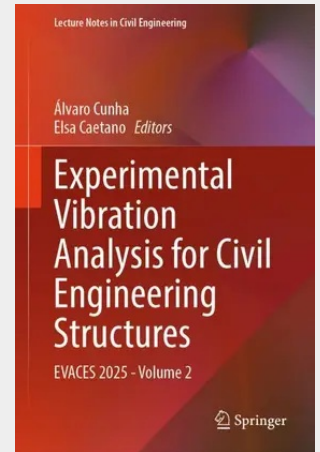


Experimental Vibration Analysis for Civil Engineering Structures

EVACES 2025 - Volume 2

This volume presents peer-reviewed contributions from the 11th International Conference on Experimental Vibration Analysis for Civil Engineering Structures (EVACES), held in Porto, Portugal on July 2-4, 2025. The event brought together engineers, scientists, researchers, and practitioners, providing a forum for discussing and disseminating the latest developments and achievements in all major aspects of dynamic testing for civil engineering structures, including instrumentation, sources of excitation, data analysis, system identification, monitoring and condition assessment, in-situ and laboratory experiments, codes and standards, and vibration mitigation. The topics included but were not limited to: damage identification and structural health monitoring; testing, sensing and modeling; vibration isolation and control; system and model identification; coupled dynamical systems (including human-structure, vehicle-structure, and soil-structure interaction); and application of advanced techniques involving the Internet of Things, robot, UAV, big data and artificial intelligence.

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