



buildings



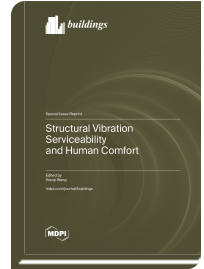
Special Issue Reprint

Structural Vibration Serviceability and Human Comfort

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Structures subjected to human activities, strong wind, heavy machines, and adjacent traffic may experience excessive vibration, causing so-called serviceability problems. The ever-increasing living standards of a structure's occupants lead to higher demands on the structural serviceability. To prevent unpleasant structural vibration, in recent years, researchers and engineers have been paying increasing attention to vibration serviceability from various perspectives, including load models, calculation methods, and evaluation.

This reprint brought together the most recent research regarding the above-mentioned problem, to support the increasing needs of both academia and industry, including experimental testing, numerical calculation, design strategies, serviceability assessments, and their engineering applications.



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