



## Analysis of Timber-Concrete Ceiling Structure in Multi-Storey Building

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Author: Sucharda, Oldrich  
Mikolášek, David  
Brozovsky, Jiri

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Summary:

The paper deals with a numerical analysis of timber-concrete ceiling. The finite element method is used for the analysis. The calculation takes into account a dynamic effect of load. The structure creates the ceiling of the gymnasium. The goal of the paper is a study of ceiling eigenfrequencies and a maximum response to a harmonic excitation...

Online Access: Free

### Resource Link

<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.965.438&rep=rep1&type=pdf>