Trends in Statics and Dynamics of Constructions II

Description: Selected papers from the Proceedings of the 13th International Conference on New Trends in the Statics and Dynamics of Buildings, held on October 15 -16, 2015, in Bratislava, Slovakia. The conference was organized by the Slovak University of Technology in Bratislava, Faculty of Civil Engineering, in cooperation with the Slovak Society of Mechanics, Slovak Academy of Science in Bratislava.

Selected problems in statics, dynamics of buildings and bridges and wind engineering are discussed in these papers. New approaches in theoretical solution, numerical modeling and experimental measurements have been presented. Also some properties of selected materials are investigated. The topics of papers in this book are actual, and they would be interesting for other scientists and experts.

Static Analysis, Dynamic Analysis, Seismic Behavior of Structures, Wind Engineering, Experimental Measurements, Computational Modeling, Optimization of Structures, Safety of Structures, Bridges, Buildings

Ringgold Subjects: Civil Engineering

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