

15th International Symposium on Human-Induced Vibrations and Seismic Influences on Structures

Kraków 29-30 listopada 2018

Wykaz referatów:

Proposition of stiffness reduction in analysis of clay brick masonry under cyclic/seismic loads

Jan Kubica

Numerical analysis of monitoring of plastic hinge formation in frames under seismic excitations

Łukasz Huras, Piotr Bońkowski, Marek Nalepka, Seweryn Kokot, Zbigniew Zembaty

Some possibilities of modeling of moving load on concrete pavements

Veronika Valašková, Jozef Melcer

Human-induced vibration serviceability of arch pre-stressed concrete truss system

Xuhong ZHOU, Qingshan YANG, Jiang LI, Xiaoxue MA

Influence of crest factor on evaluation of human perception of traffic vibration

Alicja Kowalska-Koczwarra, Krzysztof Stypuła

Comparison of approximate assessments of the harmfulness of mining shocks using free-field and building foundation vibrations

Krystyna Kuźniar, Krystyna Stec, Tadeusz Tatara

Experimental study of the effect of vertical acceleration component on the slope stability

Aleksandra Korzec, Robert Jankowski

Dynamic analysis of soil-structure interaction effects on NPP building using simplified and solid FE model of layered subsoil

Juraj Králik, Juraj Králik, jr.

Analysis of vibration propagation in the human body

Rafał Burdzik

Traffic seismicity effect on monumental buildings - Results of Case Studies

Veronika Valašková, Daniel Papán, Zuzana Papánová

Comparison of methods for assessing the influence of mining shocks on masonry residential buildings

Filip Pachla, Tadeusz Tatara

Analysis of temporary steel grandstand with different bracing systems exposed to crowd load

Natalia Lasowicz, Tomasz Falborski, Robert Jankowski

Masonry vaults strengthened with a GFRP reinforced mortar coating: evaluation of the resisting peak ground acceleration

Natalino Gattesco, Ingrid Boem

Time History Analysis Formulation in SCAD FEA software

Sergiy Fialko, Viktor Karpilovskyi

Improved technique for the earthquake proof suspension building

Taliat Azizov, Nadzieja Jurkowska

Ambient vibration measurements of steel truss bridges

Michal Venglar, Milan Sokol, Rudolf Ároch

Assessing the dynamic response of a steel pipeline to a strong mining tremor using the multiple support response spectrum method

Pawel Boroń, Joanna Dulińska

Stress distribution in masonry infills connected with stiff and flexible interface

A. Tuğrul Akyıldız, Alicja Kowalska-Koczwara, Arkadiusz Kwiecień

Acoustic analysis of building in seismic influence zone

Krzysztof Nering, Krzysztof Stypuła

Potential interest of the Hashin failure theory for predicting the seismic damages in GFRP footbridges

Izabela Drygala, Joanna Dulińska, Marianna Polak

Application of CWT for identification of signal characteristics in the analysis of free field vibrations caused by trains

Barbara Kożuch, Tadeusz Tatara

On the vibration based tests for the compactness evaluation of masonry

Salvatore Russo

Experimental dynamic analysis of traffic seismicity effect on historical building

Katarina Krkošková, Daniel Papán, Zuzana Papánová