

DYNAMIC TESTING OF THE OLD BRIDGE IN MOSTAR

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Abstract: Experimental dynamic testing of the Old Bridge in Mostar was performed by ambient vibration method for definition of its dynamic characteristics: resonant frequencies, mode shapes and damping coefficients. The obtained experimental results present a qualitative base for performing further analysis and evaluation of the seismic stability of this respective monument.

Key words: ambient vibrations, resonant frequencies, mode shapes, modeling.



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