

Optimal damping of vibrational systems

Abstract: I will present recent progress in the topic of optimal damping of vibrational systems. In the first part of the talk I will give an overview of the present status of the research topic. The second part of the talk will be devoted to the finite horizon optimal damping while the third part will be devoted to the question of finding the optimal locations of dampers. The talk is partly based on the joint work with Z. Tomljanović and N. Truhar.