

## Research report of department of civil & environmental engineering

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### Abstrak

This report gives the recent research activities of the Structural Mechanics & Dynamics Group, Saitama University, during the Period from 2004 to 2007. The research projects conducted in the group are classified into the following categories; 1) mechanics of composite bridges, 2) mechanics of materials, 3) noise generation from modular bridge expansion joint, 4) analytical evaluation of modal damping in bridges, 5) vibration and control of structures, 6) low frequency noise, and 7) human response to vibration. The outline and findings of some of these research projects are summarized in this report.