

機械・精密システム工学科 論文発表

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題名	Predicting Automotive Interior Noise Including Wind Noise by Statistical Energy Analysis
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概要	The applications of acoustic insulations for reduction of high frequency automobile interior noise have been researched. This paper introduces a sound pressure prediction technique including wind noise by Hybrid Statistical Energy Analysis (HSEA) in order to reduce weight of acoustic insulations. HSEA based on experiment and analysis SEA. As a result of chassis dynamo test and road test, the validity of SEA modeling was shown, and utility of the method was confirmed.