

機械・精密システム工学科 学会発表

【発表者について】 アンダーラインは本学教員、研究員および技術職員、○は発表者、※は大学院生、卒研究生または卒業生

学会名	ICMEAM 2016 : 18th International Conference on Mechanical Engineering and Applied Mechanics
演題名	Predicting Automotive Interior Noise Including Wind Noise by Statistical Energy Analysis
発表者	○黒沢良夫
内容	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.