研究室名	黒沢研究室　学会発表

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発表時期	2023.8.21
学会名	Internoise2023　No3-12-8
演題名	FE analysis of porous material covers for automotive parts materials
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内容	Some automobile transmissions (AT, CVT, etc.) generate noise, and a soundproof material cover is attached to the transmission body reduce the noise by offering sound absorption and insulation. However, the sound radiating from the cover may affect the transmission of vibrations. In this study, we attached a simply shaped cover to a jig to represent a transmission body and measured the vibration acceleration and sound pressure level when the jig was vibrated. The jig and cover were modeled by FEM, and vibroacoustic analysis was performed. The material of the cover was felt or grow wool, and sound propagation was simulated using the Biot–Allard model. This report describes the changes in vibration acceleration and sound pressure level when the method of fixing the cover and cover material are changed.