機械・精密システム工学科　論文発表

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題名	Finite Element Analysis for Damped Vibration Properties of Panels Laminated Porous Media
掲載雑誌	World Academy of Science, Engineering and Technology, vol.78,pp2021-2027
著者	黒沢良夫、山口誉夫
概要	A numerical method is proposed to calculate damping properties for sound-proof structures. It calculates damping properties for sound-proof structures involving elastic body, viscoelastic body and porous media. For elastic and viscoelastic body displacement is modeled using conventional finite elements including complex modulus of elasticity.