

Title
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Abstract

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5 Active sound transmission

Analog Feedback Control of an Active Sound Transmission Control Module

active noise control, sound transmission, active structural control, noise, barrier, transmission loss, panel, wall, single-panel, double-panel, analog, feedback. This thesis provides analytical and experimental proof-of-concept for a new feedback-controlled sound transmission control module for use in an active segmented partition (ASP) array. The objective of such a module is to provide high transmission loss down to low auditor fereignencies while minimizing the overall mass of the module. This objective is accomplished in the new module by using actively controlled panels in conjunction with analog feedback controlled. The new module are overcomes too inimitations that exist in current ASP modules, the inability to control broadband and another-noise and the lack of controlled. The new module are overcomes too inimitations that exist in current ASP modules, the inability to control broadband and another-noise and the lack of outlied to the control of the new ASP module under feedback scottor. If we need the new ASP modules under feedback scottor. If we need the new ASP modules under feedback scottor. If we need the new ASP modules under feedback scottor. If we need the new ASP module under feedback scottor. If we need the new ASP modules under feedback scottor. If we need the new ASP modules under feedback scottor. If we need the needback scottor is need to the new ASP module under feedback scottor. If we need the needback scottor. If we need the needback scottor is need to the new ASP module under feedback scottor. If we need the new ASP module under feedback scottor. If we need the needback scottor is need to the new ASP module under feedback scottor. If we need the new ASP module under feedback scottor. If we need the new ASP module under feedback scottor. If we need the new ASP module under feedback scottor. If we need the new ASP module under feedback scottor. If we

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