

Reviewed Publications (1)

2010

PEREIRA, I.; GUETTLER, M.; MERZ, S.: Numerical prediction of the transmission loss of leaks in trimmed panels. *Australian Acoustical Society* **38** (2010), Nr.3, 140-144

Conference Proceedings (7)

2015

STACHE, M.; GUETTLER, M.; MARBURG, S.: Research on eigenfrequency shifts due to cracks in cylindrical structures and the application in non-destructive testing. *Measuring by Lights 2015* Delft, 2015 (CD)

2014

GUETTLER, M.; MARBURG, S.: Die inhomogene Galbrun-Gleichung: Herleitung und Ansatz zur numerischen Lösung. In: HANSELKA, H. (Hg.): *Fortschritte der Akustik. – Plenarvorträge und Fachbeiträge der 40. Jahrestagung für Akustik* Oldenburg, 2014 (CD)

SAATI KHOSROSHAHI, F.; SEPAHVAND, K.; GUETTLER, M.; POURTAHMASI, K.; MARBURG, S.: Modal analysis of the Persian music instrument Kamancheh: finite element modeling and experimental investigation. *Proceedings of the International Symposium on Musical Acoustics (ISMA)* Le Mans, 2014 (CD)

STACHE, M.; GUETTLER, M.; MARBURG, S.: Research on eigenfrequency shifts due to cracks in cylindrical structures and the application in non-destructive testing. In: INSTITUTE OF NOISE CONTROL ENGINEERING: *INTER-NOISE and NOISE-CON Congress and Conference Proceedings* Melbourne, 2014 (CD)

GUETTLER, M.; MARBURG, S.: The nonlinear inhomogeneous Galbrun-Equation: Derivation and possible ways to solve numerically. In: INSTITUTE OF NOISE CONTROL ENGINEERING: *INTER-NOISE*

and NOISE-CON Congress and Conference Proceedings Melbourne, 2014 (CD)

2013

GUETTLER, M.; MARBURG, S.: Investigation of sound radiation and structural vibration of an automotive HVAC system. In: *Proceedings of the 42nd International Congress and Exposition on Noise Control Engineering*, Internoise, Innsbruck, 2013 (CD)

GUETTLER, M.; MARBURG, S.: Experimental investigation of structural vibration and sound radiation of a HVAC system. In: CROCKER, M. J. (Hg.), PAWELCZYK, M. (Hg.), PAOSAWATYANYONG, B. (Hg.): *Proceedings of the 20th Congress on Sound and Vibration*, ICSV 2013, Bangkok, 2013 (CD)

GUETTLER, M.; MARBURG, S.: On the accuracy of finite elements compared to experimental results and the influence of distorted elements. In: BRAMBILLA, G. (Hg.), KROPP, W. (Hg.): *Proceedings of the International Conference on Acoustics*, AIA-DAGA 2013, Merano, 2013 (CD)

STACHE, M.; GUETTLER, M.; MARBURG, S.: Numerical research on eigenfrequency shift and the change of mode shapes due to a crack in a beam model. In: BRAMBILLA, G. (Hg.), KROPP, W. (Hg.): *Proceedings of the International Conference on Acoustics*, AIA-DAGA 2013, Merano, 2013 (CD)

2012

GUETTLER, M.; MARBURG, S.: Comparison of different finite element types for structural modal analysis. In: ČIPLYŠ, D. (Hg.) *Proceedings of the 19th Congress on Sound and Vibration*, ICSV 2012, Vilnius, 2012 (CD)

GUETTLER, M.; KLÄRNER, M.; MARBURG, S.: Investigation on friction induced damping between two clamped beams. In: DE ROSA, S. (Hg.), FRANCO, F. (Hg.), MARULO, F. (Hg.), POLITO, T. (Hg.): *Proceedings of the Conference Noise and Vibration: Engineering Methods*, NOVEM 2012, Sorrento, 2012 (CD)

GUETTLER, M.; KLÄRNER, M.; MARBURG, S.: Amplitudenabhängiges Dämpfungsverhalten bei geschichteten Platten. In: HANSELKA, H. (Hg.): *Fortschritte der Akustik. – Plenarvorträge und Fachbeiträge der 38. Jahrestagung für Akustik* Darmstadt, 2012 (CD)