

## Veröffentlichungen

S. BISCHOFF; C. SCHAAL; L. GAUL: *Efficient Wave Scattering Analysis for Damaged Cylindrical Waveguides*. Journal of Sound and Vibration, 2014, Vol. 333, S. 4203-4213

S. BISCHOFF; L. GAUL: *Wave Analyses in Structural Waveguides Using a Boundary Element Approach*. Conference Proceedings IMAC XXXII IMAC XXXII, Orlando, Florida, USA, 03.-06. Februar 2014, CD-ROM

M. CLAPPIER; L. GAUL: *Experimental Investigation of Structural Damping of Laminated Stacks of Electrical Machine Rotors*. Proceedings of the 9th IFToMM International Conference on Rotor Dynamics 2014, Pennacchi, Mechanisms and Machine Science, Vol. 21, Springer, 2014

M. CLAPPIER; T. HELBIG; J. KOENIGSBERGER; J. SCHUETTENBREITENBACH; K. TAHERI: *A Decision Concept for the Economic Evaluation of Different Recycling Paths in the Dismantling of End-of-Life Vehicles*. Smart Digital Futures 2014, online

C. EHRLICH; A. SCHMIDT; L. GAUL: *Microslip Joint Damping Prediction Using Thin Layer Elements*. IMAC XXXII, Orlando, Florida, USA, 03.-06. Februar 2014, Vol. 1, S. 239-244 und CD-ROM

L. GAUL; A. SCHMIDT: *Experimental Identification and Simulation of Rotor Damping*. Annual Conference & Exposition on Experimental and Applied Mechanics, Greenville, South Carolina, USA, 02.-04. Juni 2014, CD-ROM

L. GAUL; A. SCHMIDT: *Implementation of Fractional Constitutive Equations Into the Finite Element Method*. IMAC XXXII, Orlando, Florida, USA, 03.-06. Februar 2014, CD-ROM

L. GAUL; C. SCHAAL; S. BISCHOFF: *Analysis of Wave Propagation in Periodic 3D waveguides*. Mechanical Systems and Signal Processing MSSP, London, 2013

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L. GAUL; M. MAYER: *Damping prediction of joints in assembled structures by zero thickness elements*. Proceedings of the 9<sup>th</sup> International Conference on Structural Dynamics, EURO-DYN 2014 Porto, Portugal, 30 June- 02 July 2014

L. GAUL: *Simulation of vibro-acoustis response by Fast BEM and FEM coupling*. Proceedings of the 11<sup>th</sup> World Congress on Computational Mechanics WCCM XI, 5<sup>th</sup> European Conference on Computational Mechanics ECCM V, 6<sup>th</sup> European Conference on Computational Fluid Mechanics ECFD VI, Barcelona, Spain, July 20 -25, 2014, E-Book

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S. PETER; F. SCHREYER; P. REUSS; L. GAUL: *Consideration of local stiffening and clearance nonlinearities in coupled systems using a generalized Harmonic Balance Method*. ISMA 2014, Leuven, Belgien, 15.-17. September 2014

P. REUSS; L. GAUL: *Control Concepts for a Vibration Absorber with an Adaptive Joint Connection*, Proceedings of the International Design & Engineering Technical Conferences (IDETC), Buffalo, New York, 2014

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