

ACTA ACUSTICA

UNITED WITH

ACUSTICA

The Journal of the European Acoustics Association (EAA) · International Journal on Acoustics

Table of Contents

Fast Track Articles (Open Access)

Hearing: Psychophysics, Physiology, and Models

- G. Marbjerg, J. Brunskog, C.-H. Jeong, V. Zapata-Rodriguez**
 The Influence of Overlapping Band Filters on Octave Band Decay Curves 943

Scientific Papers

Underwater Sound

- G. Li, Z. Xu, J. Gong, F. Li, Y. Liu**
 Modeling and Experiment of a Small Size Dual Mode Transducer for Underwater Acoustic Communication and Detection 947

Physical Acoustics

- I. Martynyuk-Lototska, I. Roman, O. Gomonnai, T. Kryvyi, O. Mys, R. Vlokh**
 Acoustic and Elastic Anisotropies of Acoustooptic Tl_3PSe_4 Crystals 956

- M. Reinwald, Q. Grimal, S. Catheline, L. Boschi**
 Super-Resolution in Near-Field Acoustic Time Reversal Using Reverberated Elastic Waves in Skull-Shaped Antenna 963

Noise Control

- Y. Chen, X. Yan, X. Hu, G. Ma, J. Guo, W. Hu, S. Lu**
 Experimental Study of Airborne Noise Reduction of Concrete Channel Girder Bridge Sections Compared With Box Girder for High-Speed Trains 970

Environmental Noise

- N. Kranjec, T. Gjestland, M. Vrdelja, S. Jeram**
 Slovenian Standardised Noise Reaction Questions for Community Noise Surveys 984

- Z. Lan, M. Cai, F. Li, W. Yang**
 Study of the Traffic Noise Source Emission Model and the Frequency Spectrum Analysis of Electric Vehicles on Urban Roads in China 989

Building Acoustics

- V. Wittstock**
 Determination of Measurement Uncertainties in Building Acoustics by Interlaboratory Tests. Part 2: Sound Absorption Measured in Reverberation Rooms 999

ACTA ACUSTICA

UNITED WITH

ACUSTICA

The Journal of the European Acoustics Association (EAA) · International Journal on Acoustics

P. Jean

A 2.75D Model for the Prediction of Noise Inside Buildings Due To Train Traffic **1009**

Room Acoustics

A. Haapaniemi, T. Lokki

Direct-To-Reverberant Ratio Threshold for Localization in Concert Halls **1019**

Acoustic Materials and Metamaterials

M. Caniato, S. Favretto, F. Bettarello, C. Schmid

Acoustic Characterization of Resonance Wood **1030**

Audio Signal Processing and Transducers

A. Fahim, P. N. Samarasinghe, T. D. Abhayapala

Single-Channel Speech Dereverberation in Noisy Environment for Non-Orthogonal Signals **1041**

Computational and Numerical Acoustics

H. Gao, S. Li, W. Lin

A Formulation to Evaluate the Pressure Radiated from Thin Body Subjected to the Broadband Random Excitations Based on FAQP Method **1056**

Hearing: Psychophysics, Physiology, and Models

V. Kumar Narne, P. Prabhu, B. Van Dun, B. C. J. Moore

Ripple Glide Direction Discrimination and Its Relationship to Frequency Selectivity Estimated Using Notched Noise **1063**

T. Ziemer, H. Schultheis, D. Black, R. Kikinis

Psychoacoustical Interactive Sonification for Short Range Navigation **1075**

Musical Acoustics

M. L. N. Grillo, L. R. P. L. Baptista, L. Aspöck

Study of the Interaction of Bowed String Instruments with Two Rooms from the Musician's Perspective **1094**

A. Muñoz Arancón, B. Gazengel, J.-P. Dalmont

Comparison of Human and Artificial Playing of a Single Reed Instrument **1104**



ACTA ACUSTICA

UNITED WITH

ACUSTICA

The Journal of the European Acoustics Association (EAA) · International Journal on Acoustics

Technical and Applied Papers

B. Stepień

A Comparison of Classical and Bayesian Interval Estimation for Long-Term Indicators of Road Traffic Noise. 1118

Short Communications

M. Dinachandra, R. Sethuraman

A Variable Wave Number Plane Wave Enriched Partition of Unity Isogeometric Analysis for Acoustic Problems in Heterogeneous Media. 1130

Erratum 1134

Instructions for Authors 1135

Editorial Board 1140

European Acoustics Association News 1141

Annual Index I*

