

ARCHIVES of ACOUSTICS

QUARTERLY, Vol. 38, No. 1, 2013

In Memoriam

- P. Ranachowski, F. Rejmund, J. Etienne *A look at the life and activity of a prominent Polish acoustician of the 20th century Professor Ignacy Malecki (1912–2004) on the occasion of the centenary anniversary of his birth* 3

Research Papers

- S. Merchel, M. E. Altinsoy, *Music-induced vibrations in a concert hall and a church* 13
R. Barański, G. Wszołek, *Educational implementation of a sound level meter in the LabVIEW environment* 19
F. Zotter, M. Frank, *Efficient phantom source widening* 27
P. Song, L. Zhao, Y. Bao, *Spectral mapping using kernel principal components regression for voice conversion* . 39
M. Meissner, *Evaluation of decay times from noisy room responses with pure-tone excitation* 47
S.-N. Yao, L. J. Chen, *HRTF adjustments with audio quality assessments* 55
M. Karpiński, *Acoustic features of filled pauses in Polish task-oriented dialogues*..... 63
E. B. Skrodzka, B. B. J. Linde, A. Krupa, *Modal parameters of two violins with different varnish layers and subjective evaluation of their sound quality* 75
P. Kiełczyński, *Power amplification and selectivity in the cochlear amplifier* 83
L. Dąbek, T. Horowski, A. Józefczak, A. Skumiel, *Ultrasonic properties of magnetic nanoparticles with an additional biocompatible dextrane layer* 93
E. Kozaczka, G. Grelowska, S. Kozaczka, W. Szymczak, *Detection of objects buried in the sea bottom with the use of parametric echosounder* 99
D. Zhao, Z. Huang, S. Su, T. Li, *Matched-field source localization with a mobile short horizontal linear array in offshore shallow water* 105

Technical Notes

- N. Garg, A. Kumar, S. Maji, *Practical concerns associated with single-number ratings in measuring sound transmission loss properties of partition panels*..... 115
T. Gudra, D. Banasiak, K. Herman, K. Opielinski, *Ultrasonic method for monitoring environmental risks associated with precipitation* 125

Chronicle

- Winter School organized by the Upper Silesian Division of the Polish Acoustical Society 137

Calendar of Events

- Conferences 153