

List of Publications

- [1] J. G. Tylka, B. B. Boren, and E. Y. Choueiri. A Generalized Method for Fractional-Octave Smoothing of Transfer Functions that Preserves Log-Frequency Symmetry. *J. Audio Eng. Soc.*, 65(3):239–245, 2017.
- [2] J. G. Tylka and E. Y. Choueiri. Soundfield Navigation using an Array of Higher-Order Ambisonics Microphones. In *Audio Engineering Society Conference: 2016 AES International Conference on Audio for Virtual and Augmented Reality*, number 4-2, September 2016.
- [3] R. Sridhar, J. G. Tylka, and E. Y. Choueiri. Metrics for Constant Directivity. In *Audio Engineering Society Convention 140*, number 9501, May 2016.
- [4] J. G. Tylka and E. Y. Choueiri. Comparison of Techniques for Binaural Navigation of Higher-Order Ambisonic Soundfields. In *Audio Engineering Society Convention 139*, number 9421, October 2015.
- [5] J. G. Tylka, R. Sridhar, and E. Y. Choueiri. A Database of Loudspeaker Polar Radiation Measurements. In *Audio Engineering Society Convention 139*, number 230, October 2015. Engineering Brief.
- [6] J. G. Tylka and E. Y. Choueiri. On the Calculation of Full and Partial Directivity Indices. Technical report, 3D Audio and Applied Acoustics Laboratory, Princeton University, November 2014.
- [7] J. G. Tylka, R. Sridhar, B. B. Boren, and E. Y. Choueiri. A New Approach to Impulse Response Measurements at High Sampling Rates. In *Audio Engineering Society Convention 137*, number 9183, October 2014.
- [8] J. H. Han et al. Performance of the CREAM-V and CREAM-VI calorimeters in flight. In *32nd International Cosmic Ray Conference*, August 2011.

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