

AMTatARI: HRTF measurement

Results from the post-processing procedure, last update: 13.10.2011 by Michael Mihocic (ARI HRTF format v2)

Files

- hrtf_M_refl *: data from the reference measurement
- hrtf_M_raw: raw data, result of deconvolution of the recordings and the sweep (H_{raw})
- hrtf_M_equ: raw data with equalized loudspeakers (H_{equ}). Contains the effect of the room
- hrtf_M_hrtf: HRTFs (room and loudspeakers equalized, H)
- hrtf_M_hrtf 256: HRTFs, windowed to 256 samples (asymm. Tukey window)
- hrtf_M_ctf: common transfer functions (cepstral average of all HRTFs) as in Middlebrooks (1999). Represents the direction-independent filters
- hrtf_M_dtf: directional transfer functions (the difference between hrtf and ctf) as in Middlebrooks (1999). Represents the directional filters
- hrtf_M_dtf 256: as hrtf_M_dtf but windowed to 256 samples (asymm. Tukey window).

Format

The files are saved in ARI HRTF format v2, please read the separate documentation.