

Variable Orientation BRIR Rendering - Examples

Here you can find some examples as used in the listening experiments presented in *Perceptual Evaluation of Variable Orientation BRIR rendering*. As source signal music and pink-noise are used and the virtual loudspeakers are number 3 and 7 (see Fig.1) for center and right, respectively. The algorithm settings are indicated in the filename as *signaltype_BRIR_grid_resolution_crossover_frequency_block_size_speaker_direction.wav*. Please note that *fc_21000* denotes the full-bandwidth linear interpolation. For rendering we used a simulated head rotation between $-45^\circ, \dots, 45^\circ$ with a 0.5 Hz oscillation, i.e. 90° per second.

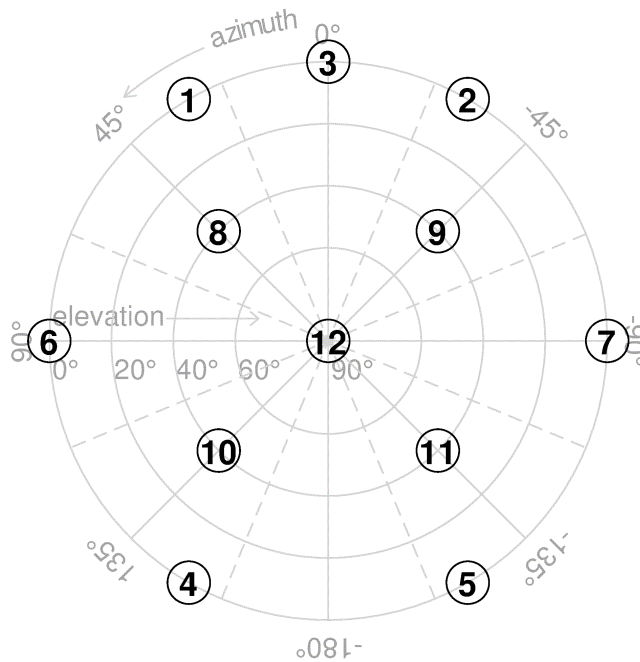


Figure 1: Speaker positions.

The BRIRs used for rendering can be found here:
<http://phaidra.kug.ac.at/o:76742>

For more information please visit:
<https://opendata.iem.at/projects/binauralroomresponses/>

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