

# Review of: "Solving the naming ambiguity of auditory localization mechanisms: HRTF & HRSL, and ILD, ITD, IPD"

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In the paper titled "Solving the naming ambiguity of auditory localization mechanisms: HRTF & HRSL, and ILD, ITD" The author aims to propose new terms analogous to "HRTF, IPD, ILD, and ITD" to address ambiguities regarding the usage in different contexts. I feel that the proposed term will create ambiguity as : HRTF is function that describes the phenomenon such as reflection, reverberation, attenuation etc., that sound signal undergoes while travelling from source to listener's ear. It does not contain any information about the neural perception mechanism that happens inside our ear. It refers to the transfer function of path being followed by the arriving signal at the ear. Hence the term can be used for both perceptual and technical mechanisms ( it may be a dummy head). Moreover, the propose term Head-Reflected sound localization (HRSL) is not analogous to HRTF. It seems that HRSL includes only the reflected content of the signal.