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Nota di contenuto	Introduction -- Human hearing system -- Analysis of sound signals -- Formulation and simulation of sound fields in an enclosure -- Magnetoencephalographic evoked responses to factors extracted from the autocorrelation function (ACF)/the inter-aural cross-correlation function (IACF) factors -- Neural evidences related to subjective preference -- Temporal and spatial primary percepts of sound and the sound field -- Subjective preference of the sound field -- Temporal and spatial features of speech signals.