

A Paradigm for Characterization and Checking of a Human Noise Behavior

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Abstract : This paper presents a paradigm for characterization and checking of human noise behavior. The definitions of 'Noise' and 'Noise Behavior' are devised. The concept of characterization and examining of Noise Behavior is obtained from the proposed paradigm of Psychoacoustics. The measurement of human noise behavior is discussed through definitions of noise sources and noise measurements. The noise sources, noise measurement equations and noise filters are further illustrated through examples. The theory and significance of solar energy acoustics is presented for life and its activities. Human comfort and health are correlated with human brain through physiological responses and noise protection. Examples of heat stress, intense heat, sweating and evaporation are also enumerated.

Keywords : human brain, noise behavior, noise characterization, noise filters, physiological responses, psychoacoustics

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