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Ergonomics of intern environments: privacy and reactions to noise pollution

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The acoustical ergonomic is an important target for any room acoustics, intelligibility & community noise. The authors explain the experience on Metrological and neuropsychological approach to the human reaction to noise. Environmental sound quality, room acoustics and interference of perceived sound (interference with the privacy) can start subjective effects and strong reaction by humans. The author explains experience and research of human reactions on noise interference, privacy, stress, ... Annoying sounds (also with very low levels), rooms with stationary waves, long reverberation time, low acoustical building insulation, are the first cause of complain from the community. We suggest noise limits, international standards, neuropsychological interpretation of the acoustical annoyance.