
Development of sensory estimation technique using the change of vital signs due to thermal environment
-Trial of the reaction estimation by simple electroencephalograph-

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For the development of air conditioning control systems that take into consideration the comfort of office workers to which a wearable sensor is attached, using a simple electroencephalograph, I conducted the examination in order to detect the sensory changes of someone in a warm temperature environment quickly.

As a result of brain wave measurement when the room was cold (PMV-3) and various other testing procedures were performed for a subject each in neutrality (PMV ± 0.5), the room which you set to hot (PMV+3), it was revealed that feelings estimate could use Attention and Meditation, relaxation degree that was quantity of calculated characteristic from beta wave, alpha wave. In addition, I suggest emotion changing model and emotion estimation formula for the degree of emotion.
