ESTIMATION OF CONTINGENCY BETWEEN PARAMETERS OF EEG HUMAN BRAIN AND INFRASONIC VIBRATIONS PRESSURE ON THE BASIS OF MONITORING DATA

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Abstract. Long-term synchronized monitoring of the parameters of electrical activity of the human brain and background infrasonic waves is carried out. Conjugate variations in the parameters of both the processes are revealed and studied. The results allow the authors to conclude that the variation of background infrasound can be considered as an external synchronizing rhythm factor. Significant contingency of variations of both the processes is observed in a sufficiently wide range of infra- and ultra-dian periods with positive or negative correlation for different period ranges.

Keywords: simultaneous monitoring, infrasound vibrations, human EEG, biorhythmic activity.