

CHANGES IN THE PARAMETERS OF SENSOMOTOR RESPONSES UNDER ANOMALOUS GEOMAGNETIC FIELD

N.I. Khorseva^{1,2}, S.V. Pobachenko³, P.E. Grigoriev⁴, A.V. Shitov⁵,
M.V. Sokolov³, D.N. Vypiraylo³

¹ Emanuel Institute of Biochemical Physics RAS, Moscow, Russia

² Institute of Cosmic Researches RAS, Moscow, Russia

³ Tomsk State University, Tomsk, Russia

⁴ Vernadsky Federal Crimean University, Simferopol, Crimea, Russia

⁵ Gorno-Altai State University, Gorno-Altai, Russia

Abstract. The results of studies of changes in psychophysiological parameters (simple auditory and visual-motor response) of 5 volunteers in the area of the anomalous magnetic field gradient is described. We have found a multivariate character of changes in the psychophysiological parameters.

Keywords: anomalous geomagnetic field, central nervous system, psychophysiological parameters.