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**Videoculographic registration of readaptation of a torsion vestibulo-ocular reflex to the Earth gravity conditions.** (Russian, English) [Zbl 1100.70531](#)

[Vestn. Mosk. Univ., Ser. I 2005, No. 2, 43-46 \(2005\)](#); translation in [Mosc. Univ. Mech. Bull. 60, No. 2, 13-16 \(2005\)](#).

The authors consider the process of adaptation of a torsion vestibulo-ocular reflex to the ordinary gravity conditions experienced by an astronaut after returning from a long orbital flight. To register the eyes motion a videoculographic system is employed. The presence of a significant delay of torsion eyes motion in response to the head motion is proved experimentally and growth of the coefficient of vestibulo-ocular reflex strengthening is noted.

Reviewer: Julia A. Martynyuk (Kyiv)

**MSC:**

[70M20](#) Orbital mechanics

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