

## General properties and trends in the movement of a finned body in a resisting medium

© B.Ya. Lokshin, Yu.M. Okunev, O.G. Privalova, V.A. Samsonov

Institute of mechanics, Lomonosov Moscow State University,  
Moscow, 119192, Russia

*The article describes the results of solving a series of model problems on the motion of a body whose fins should ensure its autorotation. The purpose of the formulation of these problems is to identify the properties and trends of the body movement, determined by fins proper. The motion of the body model in the wind tunnel is compared with a free flight of the body in the atmosphere. This comparison allows using the results of body model blowdowns for predicting the properties of its flight.*

**Keywords:** *finned body, autorotation, stability region, attracting steady states*

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**Lokshin B.Ya.**, Leading Research Fellow, Institute of Mechanics, Lomonosov Moscow State University. Research interests: flight dynamics and control, movement of bodies in a resisting medium.

**Okunev Yu.M.**, Cand. Sc. (Phys.-Math.), Academician of the Russian Academy of Natural Sciences, Academician of the Russian Academy of Navigation and Control. Director of Institute of Mechanics, Lomonosov Moscow State University. Research interests: exterior ballistics.

**Privalova O.G.**, Cand. Sc. (Phys.-Math.), Senior Research Fellow, Institute of Mechanics, Lomonosov Moscow State University. Research interests: flight dynamics and control, dynamics of a solid interacting with the medium. e-mail: privalova@imec.msu.ru

**Samsonov V.A.**, Dr. Sc. (Phys.-Math.), Chief Research Fellow, Institute of Mechanics, Lomonosov Moscow State University. Research interests: theory of mechanics. e-mail: samson@imec.msu.ru