

Stability of Stationary Motions of Mechanical Systems with a Rigid Body as the Basic Element

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Abstract: The paper presents a brief description of the problem on the permanent rotations of a rigid body from its statement moment up to factual completion. Stability theory of stationary motions connected with this problem is stated. Their interconnection is shown and the closest generalizations have been considered.

Keywords: *Rigid body systems; stationary motion; stability.*

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