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# A special case of forced oscillations of a small linear elastic mechanical system

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*The paper analyzes stationary flexural-torsional oscillations of the rectilinear rod in a linear position. The work also shows that the forced torsional oscillations of a simple object occur with the frequency different from the frequency of excitation in the vicinity of a constant angle of twist, unequal to zero. The article provides an example to the results obtained.*

**Keywords:** *oscillations, bending, torsion, frequency.*

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