

# **Stability of equilibrium points in the generalised photogravitational elliptic restricted three body problem**

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We have examined the stability of triangular and collinear equilibrium points in the generalized photogravitational elliptical restricted three body problem. The problem is generalised in the sense that the smaller primary is considered as an oblate spheroid. The bigger primary is taken as a source of radiation. We find that the location of equilibrium points is affected by the radiation pressure force and oblateness of respective primaries. These points are shifted away from the classical case. The condition for stability of equilibrium points depends upon the radiation repulsive force of the bigger primary and oblateness of the smaller primary.

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