

ASYMPTOTIC SOLUTIONS IN THE PROBLEM OF
THREE BODIES

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The paper deals with the orbits which are asymptotic to the straight line and equilateral triangle points of libration and also with those which are asymptotic to the periodic orbits in the vicinity of these equilibrium points. Cases are considered when the third body is infinitesimal and the finite bodies move (1) in circles and (2) in ellipses; also when the three bodies are finite.