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**Title:** *"Numerical search for periodic solutions of the planar three-body problem in the pairwise strong potential"*

**Abstract.** We searched numerically for periodic solutions of the planar three-body problem in the pairwise strong potential $O(1/r^2)$ with equal masses and zero angular momentum. Phase space of such system is six dimensional. Additional constraints to the periodic solutions of Hamilton's equations define a three-dimensional subspace of phase space in which up to the scaling all periodic solutions belong. We use dynamical system defined in that subspace as a framework for numerical search for periodic solutions. We report new orbits and study topological influence on period and action values of solutions.