

In this paper, we provide sufficient conditions for the existence of periodic solutions emerging of the equilibrium points of the spatial Hill lunar problem having the following equations of motion: ϵ is a small parameter and F_i , $i \in \{1, 2, 3\}$, are smooth periodic functions in t which define a perturbation in resonance $p:q$ with some of the periodic solutions of the spatial Hill lunar problem being p and q positive relatively prime integers.

