

On Birkhoff's Theorems for Lagrangian, invariant tori with closed orbits.

We show that the first Birkhoff Theorem for continuous, Lagrangian invariant tori is false if we allow the presence of closed orbits in the invariant torus. We also show that the second Birkhoff Theorem holds for invariant, C^1 , Lagrangian tori with closed orbits of symmetric Finsler metrics in the two-torus. This result generalizes previous works by Bialy-Polterovich where the invariant torus was assumed to be transitive.