Periodical Solutions of Multi-Time Hamilton Equations

Constantin UDRIŞTE, Iulian DUCA

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Abstract - We analyse the action that produces multi-time Hamilton equations and we prove the existence of periodical solutions of multi-time Hamilton equations via periodical extremals of the dual action, when the Hamiltonian is convex.

Key words and phrases : multi-time Hamilton action, periodical extremals, convex Hamiltonian

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