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**Strong local optimality for a bang-bang trajectory in a Mayer problem.** (English)

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**MSC:**

**49J30** Existence of optimal solutions belonging to restricted classes (Lipschitz controls, bang-bang controls, etc.)

Cited in **11** Documents

**49K15** Optimality conditions for problems involving ordinary differential equations

**49J15** Existence theories for optimal control problems involving ordinary differential equations

**93C10** Nonlinear systems in control theory

**Keywords:**

bang-bang controls; second order sufficient conditions; Hamiltonian methods

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