



About the trajectory synthesis to go back to nominal mode for a class of hybrid systems

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(Submitted on 22 Jul 2011)

This paper presents basis parts of a new method to synthesize a return trajectory for a reactive process from a default mode to one of the nominal modes. The process is modeled with a hybrid automata. The purpose consists of doing a backward reachability analysis from the final state to the initial state, in the state-space. This method is applied to a batch system.

Subjects: **Dynamical Systems (math.DS)**

Journal reference: Journal Européen des Systèmes Automatisés 33, 8-9 (1999) 995-1014

Cite as: [arXiv:1107.4515](#) [math.DS]
(or [arXiv:1107.4515v1](#) [math.DS] for this version)

Submission history

From: Claire Valentin [[view email](#)]

[v1] Fri, 22 Jul 2011 13:22:25 GMT (148kb)

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