عنوان مقاله:
A note on switching signal of switched linear systems

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خلاصه مقاله:
In this paper, we address stability analysis of switched linear systems with average dwell time switching signal. We focus on the properties of stabilizer switching signal beside thecontroller design. For switched systems with average dwell time switching signals, we provide a condition in terms of upper boundof the decay rate and a lower bound of the average dwell-time, in which exponentially stability is guaranteed. Based on the Lyapunov function technique, we want to merge switching signaltechnique, which satisfy the average dwell time, minimize a cost function, and give minimum number of subsystems to bestabilized.

کلمات کلیدی:
Switched Systems, Switching Signal

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