

عنوان مقاله:

A Probabilistic Approach to Lyapunov Method with Application to Networked Control Systems

محل انتشار:

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خلاصه مقاله:

In this paper stochastic systems are considered without assumptions on the stochastic input. Lyapunov stability theorem is represented for this type of systems in terms of a general stability notion. As an application, an existing deterministic result for nonlinear networked control systems is extended to a more practical probabilistic setting

کلمات کلیدی:

;Nonlinear networked control system; Stochastic Lyapunov theorem; delayed systems

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