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NATALIE TRINITY

Stability and Stabilization of Continuous-Time Switched ... Robust Stabilization for a Class of Switched Nonlinear Systems

Index Terms— Input-to-state stabilization, switched nonlinear systems. II. INTRODUCTION Input-to-state stability is an important property of nonlinear systems besides asymptotical stability. So far, the study of such a property was mostly limited to a single nonlinear system (see [1], [2]-[5], and the For some switched nonlinear systems, stabilization can be achieved under arbitrary switching with state feedback control. Due to switching zero dynamics, ...

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Global Output Feedback Sampled-Data Stabilization of a ... Finite-time stabilization of a class of switched ...

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Stabilization of Arbitrary Switched Nonlinear Fractional ...

(2009) Robust Stability and Stabilization of a Class of Nonlinear Switched Discrete-Time Systems with Time-Varying Delays. Journal of Optimization Theory and Applications 143 :2, 329-355. (2009) New stability and stabilization for switched neutral control systems.

Stabilization of Switched Nonlinear Systems with Unstable Modes treats several different subclasses of SNS according to the characteristics of the individual system (time-varying and distributed parameters, for example), the state composition of individual modes and the degree and distribution of instability in its various modes.

Stabilization Of Switched Nonlinear Systems

This paper considers the global stabilization problem via sampled-data control for a class of switched nonlinear systems meanwhile taking into account asynchronous switching.

Stabilization of Switched Nonlinear Systems with Unstable ...

Stabilization of a Class of Switched Positive Nonlinear ...

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Stabilization of switched nonlinear systems using multiple ...

On Stability of Randomly Switched Nonlinear Systems

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Input-to-State Stability of Nonlinear Switched Systems via ...

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