

Stochastic hybrid systems

CRC/Taylor & Francis - Stochastic Hybrid System



Description: -

- Control theory

Stochastic systemsStochastic hybrid systems

- Automation and control engineeringStochastic hybrid systems

Notes: Includes bibliographical references and index

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Tags: #Stochastic #Hybrid #Systems: #Theory #and #Safety #Critical #Applications #(Lecture #Notes #in #Control #and #Information #Sciences)

Stability analysis for stochastic hybrid systems: A survey

We assume that the deterministic system is bistable so that, in the absence of noise, the long-time stable state of the system depends on the initial conditions.

Stochastic Hybrid Systems

This paper is devoted to study a class of stochastic differential equations with Lévy noise.

Stability analysis for stochastic hybrid systems: A survey

PhD thesis, University of Twente, 1997. To allow for such possibilities, we will refer to all of these processes as examples of a stochastic hybrid system. Stochastic hybrid systems involve the coupling of discrete logic based , continuous and probabilistic phenomena.

[2101.07491] Automated Verification and Synthesis of Stochastic Hybrid Systems: A Survey

This actually implies that once this information is acquired, the observer $h(q)$ gives back as output $\pi^{\perp} \circ 0$. In HSCC 2004, volume 2993 of Lecture Notes in Computer Science, pages 555–569. Open loop approaches use game H .

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