Ines Ellouze

E-mail :

inesellouze@yahoo.fr

Current position :

Assistant Master & director of internships

Researcher in Laboratory of "Stability and control of systems, nonlinear PDEs", LR 13 ES 21.

Research interests :

Uncertain systems,

cascade systems

Practical uniform input-to-state stability

Practical exponential stability

separation principle.

List of publications :

1. I. Ellouze, M.A. Hammami, A separation principle of time-varying nonlinear dynamical systems, Mathematical Modelling and analysis, 12 (2) (2007) 1-16.
2. M. Hammami, I. Ellouze, A robust detector for a class of uncertain systems, Non linear Dynamics and Systems Theory, 8 (4) (2008) 349-358.
3. Ben Abdallah, I. Ellouze, M.A. Hammami, Practical stability of nonlinear time-varying cascade systems, Journal of Dynamical and Control Systems, 15 (1) (2009) 45-62.
4. Ben Abdallah, I. Ellouze, M.A. Hammami, Practical global uniform exponential stability of perturbed triangular systems : a separation principle, Asian Journal of Control, 13 (3) (2011) 445-448.
5. H. Damak, I. Ellouze, M.A. Hammami, A separation principle of time-varying nonlinear dynamical systems, Differential Equations and Control Process, Electronic Journal (1) (2013).
6. H. Damak, I. Ellouze, M.A. Hammami, A separation principle of a class of time-varying dynamical systems, Nonlinear Dynamics and Systems Theory, 2 (17) (2013).
7. M. Errebii, I. Ellouze, M.A. Hammami, Exponential convergence of nonlinear time-varying differential equations, Journal of Contemporary Mathematical Analysis, 50 (4) (2015) 167-175 .
8. I. Ellouze, Practical uniform input-to-state stability of perturbed triangular systems, IMA Journal of Mathematical Control and Information, (2018), 1-13.

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