

## Robust Exponential Stability of a Class of Nonlinear Systems.

Danica Rosinová; Vojtech Veselý

*Abstract:* The paper addresses the problem of design of a robust controller for a class of nonlinear uncertain systems to guarantee the prescribed decay rate of exponential stability. The bounded deterministic uncertainties are considered both in a studied system and its input part. The proposed approach does not employ matching conditions.

*Keywords:*

*AMS Subject Classification:* 93B;