

37. Zvi Artstein, **Stabilization with relaxed controls**. Nonlinear Analysis 7 (1983), 1163-1173.

**Abstract.** Stabilization with continuous feedback of a nonlinear system of the form  $\dot{x} = f(x, u)$  is characterized by the existence of a smooth Liapunov function, provided that relaxed controls are allowed. The latter provision is not needed when the systems is affine in the control.

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