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**About a class of systems preserving the stability property at negative feedbacks.** (English. Russian original) [Zbl 1156.93380](#)

*Autom. Remote Control* 69, No. 5, 764-773 (2008); translation from *Avtom. Telemekh.* 2008, No. 5, 31-40 (2008).

Summary: For linear and nonlinear systems are obtained tests for conserving the property of asymptotic stability at switching arbitrary coordinatewise negative feedbacks.

Reviewer: [Reviewer \(Berlin\)](#)

**MSC:**

[93D20](#) Asymptotic stability in control theory

[93C10](#) Nonlinear systems in control theory

[93C15](#) Control/observation systems governed by ordinary differential equations

Cited in 1 Document

**Keywords:**

[linear and nonlinear systems](#); [asymptotic stability](#); [coordinatewise negative feedbacks](#)

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**References:**

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