

**Bobtsov, A. A.; Kremlev, A. S.; Pyrkin, A. A.**

**Compensation of harmonic disturbances in nonlinear plants with parametric and functional uncertainty.** (English. Russian original) [Zbl 1232.93062](#)

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Summary: Methods of compensation of harmonic disturbances from the measurements of the output variable are developed for nonlinear plants with parametric and functional uncertainty. A new control algorithm is proposed, which outperforms known methods in simplicity of implementation and some other characteristics.

**MSC:**

- 93C73 Perturbations in control/observation systems
- 93B40 Computational methods in systems theory (MSC2010)
- 93C40 Adaptive control/observation systems
- 93C10 Nonlinear systems in control theory

Cited in 5 Documents

**Keywords:**

compensation of harmonic disturbances; measurements of the output variable; nonlinear plants with parametric and functional uncertainty

**Full Text:** [DOI](#)

**References:**

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