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Solution of the problem of H^∞ -control in the presence of regular nonlinearities. (English. Russian original) [Zbl 1062.93505](#)

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Summary: For a problem with H^∞ -criterion and uncertain nonlinear block with a regular part of the perturbation vector, equations of a class of controllers are obtained. These controllers can exert a sufficiently small influence of the regular component on the given output process.

MSC:

93B36 H^∞ -control

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