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Multi-channel learning using anticipatory ILCs. (English) Zbl 1070.93024
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The paper is devoted to an investigation of the multichannel iterative learning control (ILC) for continuous linear systems described in the frequency domain. The control law suggested to apply contains an anticipated error information. An illustrative example together with simulations and, experimental results are provided.

Reviewer: [Krzysztof Gałkowski \(Zielona Gora\)](#)

MSC:

93B51 Design techniques (robust design, computer-aided design, etc.)
93C83 Control/observation systems involving computers (process control, etc.)

Cited in **3** Documents

Keywords:

[anticipatory ILC](#); [iterative learning control](#); [frequency domain](#)

Full Text: [DOI](#)

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