

MSC: 49J35, 91A24

DOI: 10.21538/0134-4889-2016-22-2-199-210

### ON A GUARANTEED GUIDANCE PROBLEM UNDER INCOMPLETE INFORMATION

Received February 10, 2016

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We discuss the problem of guaranteed guidance of a linear control system by a fixed time under the assumption that the system is subject to an unknown disturbance. We consider the case when a part of state coordinates are measured and the set of unknown initial states is finite. We specify a solution algorithm based on the combination of the package approach, the theory of dynamic inversion, and the extremal shift method.

Keywords: guidance problem, linear system.

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Cite this article as:

V. I. Maksimov. On a guaranteed guidance problem under incomplete information, *Trudy Inst. Mat. Mekh. UrO RAN*, 2016, vol. 22, no. 2, pp. 199–210.