

**ON A PROBLEM OF IMPULSE CONTROL IN THE PRESENCE OF A
DISTURBANCE**

Received January 23, 2015

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We consider the problem of impulse encounter with the origin at a given time under the action of an uncontrolled disturbance given only by a set of its values. The dynamics of the system has decomposition form, which is characterized by the nonsusceptibility of a part of the state variable to the action of the impulse control.

Keywords: impulse control, decomposition system, stable bridge.

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Cite this article as:

V. I. Ukhobotov, I. V. Izmet'sev. On a problem of impulse control in the presence of a disturbance, *Trudy Inst. Mat. Mekh. UrO RAN*, 2015, vol. 21, no. 2, pp. 267–275.