Vol. 22 No. 2

MSC: 00A05

DOI: 10.21538/0134-4889-2016-22-2-47-54

A TRAJECTORY IN \mathbb{R}^3 CONCEALED FROM OBSERVERS

Received March 1, 2016

V. I. Berdyshev

In the problem of tracking by observers of an object moving in \mathbb{R}^3 , the most concealed trajectory is characterized under the condition that the object is at any time visible to at most two observers. Keywords: navigation, tracking problem, moving object, observer.

 $V.I.\ Berdyshev,$ RAS Academician, Krasovskii Institute of Mathematics and Mechanics, Ural Branch of the Russian Academy of Sciences, Yekaterinburg, 620990 Russia, e-mail: bvi@imm.uran.ru .

Cite this article as:

V. I. Berdyshev. A trajectory in \mathbb{R}^3 concealed from observers, *Trudy Inst. Mat. Mekh. UrO RAN*, 2016, vol. 22, no. 2, pp. 47–54.