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THE MOTION OF AN OBSERVER OVER A CONE IN $\mathbb{R}^3$ UNDER COUNTERACTION FROM AN OBJECT

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V. I. Berdyshev. The motion of an observer over a cone in $\mathbb{R}^3$ under counteraction from an object.

An algorithm is proposed for the motion of an observer over the surface of a given cone with the aim of tracking the motion of an object possessing a collection of miniobjects threatening the observer.

Keywords: navigation, optimal trajectory, moving object, observer.

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