

**Demkin, M. A.; Fedunov, B. E.**

**A pursuit problem in three-dimensional gravitational space with an exponential atmosphere.**

(English. Russian original) [Zbl 1083.49507](#)

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Summary: A process of pursuit is considered when the pursuer and evader have full information about each other. The control algorithm of the pursuer is fixed. The possibilities for the evader to avoid the encounter are analyzed. The “on-board” evasion algorithms are synthesized, and the efficiency of these algorithms are estimated.

**MSC:**

[49N75](#) Pursuit and evasion games

[91A24](#) Positional games (pursuit and evasion, etc.)

Cited in 4 Documents