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Antagonistic games with interval parameters. (English. Russian original) Zbl 0964.91005
[Cybern. Syst. Anal. 35, No. 4, 644-652 \(1999\)](#); translation from [Kibern. Sist. Anal. 1999, No. 4, 149-160 \(1999\)](#).

Summary: Antagonistic (matrix) games with payoff matrices given to within an interval are considered. The necessary and sufficient conditions of existence of solutions of such games are established. It is shown that the basic theorem of the von Neumann theory is not valid for such games. The method of solution of a interval game by reducing it to two boundary exact games is proposed.

MSC:

91A05 2-person games

Cited in **2** Documents

Keywords:

antagonistic games; interval parameters; matrix game; lower boundary game; upper boundary game; von Neumann theorem

Full Text: [DOI](#)

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