عنوان مقاله:

A Novel Approach to Finding Risk Dominance Strategy in Multi-Person Game with Imperfect Information

محل انتشار:

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خلاصه مقاله:

Risk dominance is a complementary part of game theory decision strategy besides payoff dominance strategy. It is widely used in decision of economic behavior and other game conditions with risk characters. This paper proposes an imperfect information multi-player system using risk dominance strategy for its decision module. In this paper, the Influence of the strategy in different conditions is discussed. The cases that risk dominance worked and the process of the module to exclude risk is illustrated. In the end, basing on the results of experiments, the performance of the strategy is discussed

کلمات کلیدی:

risk dominance, decision strategy, imperfect information game

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