

Remarks on the Reasonable Set of Outcomes in a General Coalition Function Form Game

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Abstract

One basic assumption of game theory is that the players in a game can evaluate every “prospect” that might arise as an outcome of a play. Quoting Shapley (1953) “one would normally expect to be permitted to include, in the class of ‘prospects’, the prospect of having to play a game. The possibility of evaluating a game is therefore of critical importance.” For Shapley this motivates the notion of “value.” It is also a basic motivation of the present discussion.