

Strategic Game

Definition

A strategic game $G = \{N, (A_i)_{i=1}^N, (\succeq_i)_{i=1}^N\}$, where

- N is the set of players,
- for each i , A_i is the set of actions available to player i and
- for each i , \succeq_i is a preference relation on $A = \times_{j \in N} A_j$.

If A is finite then the game is finite.