Definition

- finite set of N players $\quad$ (N=2)

- Strategy spaces: $\{S_1, S_2, \ldots S_N\}$

- Payoff functions

$$u_i : S_1 \times S_2 \times \ldots S_N \to \mathbb{R}$$

$$N = 2$$

$$S_1 = S_2 = \{ \text{Comedy}, \text{Sports} \text{ Movie} \}$$

$$S_1 = S_2 = \{ 1, 2 \}$$

$$\vec{s} \subset S_1 \times S_2 = \{ (1,1), (1,2), (2,1), (2,2) \}$$

$A_{1,2}$ $B_{1,2}$ utilities