

# Zero-sum Games

## Definition

A strategic game  $\{\{1, 2\}, (A_i), (u_i)\}$  is **zero-sum** if for any  $a \in A$  we have  $u_2(a) = -u_1(a)$ .

Example:

		Player 2	
		<i>L</i>	<i>R</i>
Player 1	<i>U</i>	3, -3	6, -6
	<i>D</i>	5, -5	4, -4