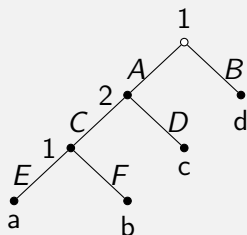


Strategic Form of Extensive Games

Definition

The **strategic form of the extensive game with perfect information** $\Gamma = \{N, H, P, (\succeq_i)\}$ is the strategic game $\{N, (S_i), (\succeq'_i)\}$ in which for each player $i \in N$

- S_i is the set of strategies of player $i \in \Gamma$.
- \succeq'_i is defined by $s \succeq'_i s'$ if and only if $O(s) \succeq_i O(s')$ for every $s \in \times_{i \in N} S_i$ and $s' \in \times_{i \in N} S_i$.



	AC	AD
(A, ACE)	a	c
(A, ACF)	b	c
(B, ACE)	d	d
(B, ACF)	d	d