

Details of the extensive form

Trees consist of **nodes** connected by **branches**

Tree Rules:

- 1) Every node is a successor of the initial node, and the initial node is the only one with this property
- 2) Each node except the initial node has exactly one immediate predecessor. The initial node has no predecessors
- 3) Multiple branches extending from the same node have different action labels
- 4) Each information set contains decision nodes for only one of the players
- 5) All nodes in a given information set must have the same number of immediate successors and they must have the same set of action labels on the branches leading to these successors

Perfect vs imperfect recall

Perfect vs imperfect information