

Definition: Let s_i, s_i' be two pure strategies of player i and s_{-i} a strategy profile of the other players. Strategy s_i strictly dominates strategy s_i' if $\pi_i(s_{-i}, s_i) > \pi_i(s_{-i}, s_i')$ for all $s_{-i} \in S_{-i}$. In this case, we also say that s_i' is strictly dominated by s_i .

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Definition: If there is a Nash equilibrium in which all players use a dominant strategy, we call this a dominant-strategy equilibrium.