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Strategies in Dots-and-Boxes

Combinatorial game theory is an area of mathematics that deals with sequential games with perfect information. Thus, the game is not a matter of chance or luck, and the game can be completely analyzed through mathematics. If we consider the game Dots-and-Boxes, which is a two-player game with paper and pencil, one thinks of it to be an easy game with simple rules for children and adults. However, players who want to improve their game-play for Dots-and-Boxes are able to use different mathematical skills.

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