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Intersection restriction games

Throughout this talk we present a class of games called intersection restriction games. An example of a game within this class is Arc Kayles. Arc Kayles is a two player combinatorial game played on graphs. On their turn a player chooses an edge under the restriction that it is not adjacent to any previously chosen edges. The last player to move wins. The primary focus of this talk is to present new results of Arc Kayles being played on varying graphs.