

POVZETEK:

V delu predstavimo dva primera iger minimalnih stopenj na grafih: igro izogibanja in igro doseganja. Pri obeh primerih iger imamo enaka pravila igranja in začetne pogoje igre. Igra izogibanja in igra doseganja se razlikujeta v načinu določanja zmagovalca.

Mathematics Subject Classification (2010): 05C57, 91A43

Ključne besede: graf, minimalna stopnja grafa, igra dveh igralcev, igra izogibanja, igra doseganja.

ABSTRACT:

In this work we present two examples of minimum degree games for graphs: avoidance game and achievement game. In both cases, we play the games by the same rules and initial conditions of the game. Avoidance game and achievement game differ only in the method of determining the winner.

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Ključne besede: graph, minimum degree graph, two players game, avoidance game, achievement game.

LITERATURA:

- Daniel M. Gordon, Frank Harary in Robert W. Robinson. 1993. Minimum Degree Games for Graphs.
Dostopen prek: <http://www.sciencedirect.com/science/journal/0012365X/128/1>, 18.08.2014
- Robin J. Wilson in John J. Watkins. 1997. Uvod v teorijo grafov. Ljubljana: Društvo matematikov, fizikov in astronomov Slovenije.
- Vesna Omladič. 2002. Matematika in odločanje. Ljubljana: DMFA – založništvo.