

## Povzetek

V diplomskem delu sem obravnaval Conwayeva zaporedja. To so spremenjena Fibonaccijeva zaporedja, pri katerih se zaradi sprememb opazi različne lastnosti.

Conwayeva zaporedja pripeljejo do cikla, ki je lahko trivialni ali netrivialni. Cikel je sestavljen iz vozlišč in tekov. Tek je sestavljen iz vozlišča, ter preostalih členov, kjer so vsi členi lihi razen zadnjega, ki je sod.

## Abstract

This degree paper tackles with Conway's sequences. These are changed Fibonacci sequences, where some properties appear because of these changes.

Conway's sequences finish with cycle, which can be trivial or non-trivial. Cycle consists from nodes and runs. Run consists from nodes and other terms, which are all odd except last one, which is even.

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**Ključne besede:** Conway, Fibonacci, zaporedja, cikli, teki, vozlišča

**Keywords:** Conway, Fibonacci, sequences, cycles, runs, nodes

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