The SIR model

Bob Borsboom, (10802975)
Tobias Garritsen, (10779582)
Natasja Wezel, (11027649)
Emma Hokken, (1057209)

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1 Abstract

2 Introduction

Evolutionary Algorithms (EAs) can solve lots of problems. The goal of this study is to develop an EA that can solve three different problems, as good as possible with a limited computational budget. The problems are mathematical 10D functions: the Bent Cigar function, the Schaffers F17 function and the Katsuura function.

3 Experimental Methods

The population is initialized randomly with 100 individuals. They are scored from 0 to 10 with the provided evaluation function.

3.1 Parent selection

3.2 Recombination

3.3 Mutation

3.4 Who dies?

4 Discussion & Results

References

Course material Papers?