Analýza populační dynamiky evolučních algoritmů

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Anotace:

The aim of this topic is to propose efficient solutions for HUSP mining. Due to large explosion of data, the challenges are to work on large database too. Therefore the emphasis will be given to find solutions for parallelizing the mining process, e.g. by using a pure array structure that reduces the memory consumption, or other distributed methods such as MapReduce. The mining algorithms will also be adjusted to cover different types of databases, such as quantitative sequence databases or incremental databases.

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