

# Обзор GOLEM

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# **Глобально про алгоритм**

## **Многокритериальная оптимизация**

# Операторы

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## Ближе к коду

- Package core contains the main classes and scripts.
- Package core.adapter is responsible for transformation between domain graphs and internal graph representation used by optimisers.
- Package core.dag contains classes and algorithms for representation and processing of graphs.
- Package core.optimisers contains graph optimisers and all related classes (like those representing fitness, individuals, populations, etc.), including optimization history.
- Package core.optimisers.genetic contains genetic (also called evolutionary) graph optimiser and operators (mutation, selection, and so on).

- Package `core.utilities` contains utilities and data structures used by other modules.
- Package `serializers` contains class `Serializer` with required facilities, and is responsible for serialization of project classes (graphs, optimization history, and everything related).
- Package `visualisation` contains classes that allow to visualise optimization history, graphs, and certain plots useful for analysis.
- Package `examples` includes several use-cases where you can start to discover how the framework works.
- All unit and integration tests are contained in the `test` directory.

The sources of the documentation are in the `docs` directory.

# Issues

**Направления развития**

**NOTEARS**

**Метаэволюция**

**Коэволюция**

**Поддержка разнообразия**

**Expressive encodings**