

Обзор GOLEM

Владимир Латыпов

11-12-2023

Глобально про алгоритм

Многокритериальная оптимизация

Операторы

-

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