

Indicator-based evolutionary Algorithm

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Multi-objective optimization

Simulated Binary Crossover

The idea is to control the domain of space in which offspring is generated.

Approximate distribution to a high-probability stationary 'spread' distribution

Further Reading I

-  Bubeck, S., Ernst, D., & Garivier, A. (2013). Optimal discovery with probabilistic expert advice: finite time analysis and macroscopic optimality. *Journal of Machine Learning Research*, 14(Feb), 601-623.

In practice

- Approximate nearest neighbours search
- Distributed dot Product