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evolutionary computation, thanks also to the guys in the ALife Lab DCU. To the innumerable people who have left their mark on this thesis and ultimately on my mind, a thank you to one and all. Thanks also to Dr Carlos Coello Coello and Dr David Fogel for providing clarification, pointing out techniques I should investigate,

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Evolutionary computation algorithms are employed to minimize functions with large number of variables. Biogeography-based optimization (BBO) is an optimization algorithm that is based on the science of biogeography, which researches the migration patterns of species.

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Cooperative combinatorial optimization: Evolutionary
Neumann, F., & Witt, C. (2013). Bioinspired computation in combinatorial optimization - Algorithms and their computational complexity. In Proceeding of the fifteenth annual conference companion on Genetic and evolutionary computation (pp. 567-590). Association for Computing Machinery. DOI: 10.1145/2464576.2466738

Bioinspired computation in combinatorial optimization
In artificial intelligence, an evolutionary algorithm (EA) is a subset of evolutionary computation, a generic population-based metaheuristic optimization algorithm. An EA uses mechanisms inspired by biological evolution , such as reproduction , mutation , recombination , and selection .

Evolutionary algorithm - Wikipedia
82 IEEE TRANSACTIONS ON EVOLUTIONARY COMPUTATION, VOL. 3, NO. 2, JULY 1999 Evolutionary Programming Made Faster Xin Yao, Senior Member, IEEE, Yong Liu, Student Member, IEEE, and Guangming Lin Abstractâ€" Evolutionary programming (EP) has been applied with success to many numerical and combinatorial optimization problems in recent years.

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Bioinspired Computation in Combinatorial Optimization
Evolutionary Computation for Combinatorial Optimization GuntherÂ¨ Raidl Vienna University of Technology, Vienna, Austria raidl@ads.tuwien.ac.at EvoNet Summer School 2003, Parma, Italy August 25, 2003 Evolutionary Computation for Combinatorial Optimization â€" p.1/29

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Evolutionary Computation in Combinatorial Optimization

metaheuristics such as Ant Colony Optimization, Evolutionary Computation, Simulated Annealing, Tabu Search and others are introduced, and their applications to the class of Stochastic Combinatorial Optimization Problems (SCOPs) is thoroughly reviewed.

A survey on metaheuristics for stochastic combinatorial
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