

A Better Understanding of the Behaviour of Metaheuristics: A Psychological View

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This paper aimed to show the idea that concepts and methods from Creative Problem Solving can also be useful in dealing with developing Metaheuristics. A dynamic approach based on Divergent and Convergent Thinking can be used to understand the modus operandi and behaviour of this kind of optimization solvers. © Springer International Publishing Switzerland 2014.

Convergent Thinking

Creative Problem Solving

Divergent Thinking

Metaheuristics

Human computer interaction

Convergent thinkings

Creative problem-solving

Divergent thinkings

Dynamic approaches

Meta heuristics

Modus operandi

Optimization solvers

Heuristic algorithms