# Experiential solving: Towards a unified autonomous search constraint solving approach

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To solve many problems modeled as Constraint Satisfaction Problems there are no known efficient algorithms. The specialized literature offers a variety of solvers, which have shown good performance. Nevertheless, despite the efforts of the scientific community in developing new strategies, there is no algorithm that is the best for all possible situations. This paper analyses recent developments of Autonomous Search Constraint Solving Systems. Showing that the design of the most efficient and recent solvers is very close to the Experiential Learning Cycle from organizational psychology. 

Autonomous search

Experiential learning

Metaheuristics

Problem solving

Algorithms

Codes (symbols)

Constraint satisfaction problems

Human computer interaction

Logic programming

Autonomous searches

Constraint Solving

Constraint solving system

Experiential learning

Meta heuristics

Organizational psychology

Paper analysis

Scientific community

Problem solving