

# Using the Soccer League Competition algorithm to solve the set covering problem [Utilizando el Algoritmo del Campeonato de Futbol para resolver el Problema del Conjunto de Cobertura]

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The Soccer League Competition algorithm is a recently new approach to solve optimization problems using metaheuristic technique. It is based in the interaction between soccer players and teams, and the primary objective to win each match and become the best team player or league player. The present paper intends the Python programmatic implementation of Soccer League Competition to solve the Set Covering Problem. © 2016 AISTI.

metaheuristic

optimization

set covering problem

soccer league competition

Algorithms

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Meta-heuristic techniques

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Optimization problems

Primary objective

Set covering problem

Soccer player

Problem solving