

Research on genetic algorithm applied to scheduling problem

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Abstract: This topic focuses on researching and implementing a genetic algorithm to solve scheduling problems efficiently in practice. The goal is to build an automated scheduling system aimed at optimizing time and resource usage. The applied method includes both theoretical research on genetic algorithms combined with practical application deployment. The expected result is a significant contribution to addressing current challenges in the scheduling field, while providing businesses and organizations with an effective support tool.

Keywords: Genetic algorithm, Scheduling, Automatic algorithm