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Abstract
In this research a genetic algorithm is presented to solve the T-Company production scheduling problem, subjecting to minimizing the Makespan. In order to obtain the optimal solution, the determination of the parameter sets of the genetic algorithm is discussed, and then the selected parameters are applied to .the T-Company scheduling problem. With the different mutation rate and crossover rate settings, the results show that the outcomes are not much improved. However, the initial setups and ethnic calculus generation of set-up problems affect the final Makespan values obviously and come out the better acceptable scheduling results.
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