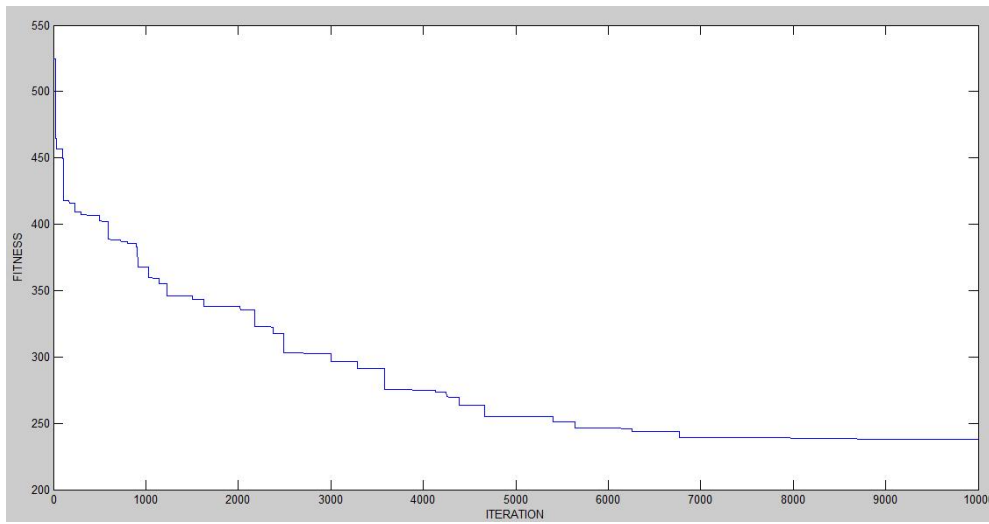


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Research Paper



University Examinations Scheduling Problem Using Genetic Algorithms

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ABSTRACT

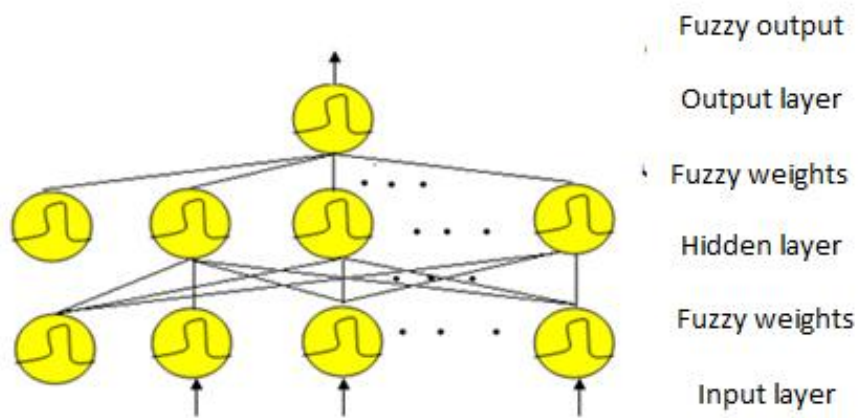
Exam scheduling at universities and institutes of higher learning is known as an issue with heavy constrain so that it can contract at issue NP-COMLETE. In many cases it is necessary to manually create exams timetable that it require much time and lacks quality so that in many cases , student complain of inappropriate examination timetable. In this situation finding the best manually is not an easy task. Studies have shown the use of evolutionary algorithms, which offers a good response time may not be optimal but the constraints is necessary for use to consider and provide us an acceptable exam timetable. In this paper, with using genetic algorithms with a completely random population and with changes in normal process of this algorithm, we try to solve the population and provide the best exam timetable in a short time.

Key words: Genetic Algorithm, Exam Scheduling

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Research Paper

Designing an Efficient Model to Predict Demand in the Supply Chain



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