Abstract

In this paper, we have developed an algorithm to generate a course Time table satisfying certain constraints using Edge coloring of a fuzzy graph. With examples, we show how these constraints are satisfied.

Reference

- G.A. Neufeld and J. Tartar, Graph Coloring Conditions for the Existence of Solutions to the Timetable Problem, Communication of ACM, August 1974, Volume 17,
Number 8, P 450 – 453.
- V. Ramaswamy and Poornima B. Edge coloring of a Fuzzy Graph, Advances in Fuzzy Mathematics, Volume 4, Number 1, 2009, P 49 – 58.

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