

Application of Fuzzy Graphs in Scheduling Jobs

T.Pathinathan, J.Jesintha Rosline

Department of Mathematics, Loyola College, Chennai

Email: Jesi.simple@gmail.com

Abstract

Given a graph $G = (V; E)$, a coloring function C assigns an integer value $C(i)$ to each node $i \in V$ in such a way that the extremes of any edge $\{i; j\} \in E$ cannot share the same color this concept of crisp graph is used in fuzzy to minimize the working time of N jobs in a single machine. In this paper using fuzzy chromatic sum the minimum value for job completion time is calculated.
