Abstract

In many real world problems related to weighted graphs, the input data corresponding to the weights are often imprecise due to incomplete or non-obtainable information. Finding the minimum spanning tree of such type of connected graphs is a challenge. This paper is introduced to find minimum spanning tree on a connected graph where the edges have rough weights.

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Minimum Spanning Tree with Rough Weights

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Index Terms

Computer Science

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Keywords

Rough set, rough variable, connected graph, spanning tree