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ON COMPLETE DOUBLE IRREDUNDANT SETS IN FUZZY GRAPH

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Abstract

In this paper weak and strong arc neighborhood of a node, complete irredundant set, double complete irredundant set in fuzzy graph are introduced. We discuss existence of complete irredundant set and complete double irredundant set in fuzzy chordal graph.

Key Words : *Fuzzy irredundant set, Fuzzy private neighborhood, Weak fuzzy private neighborhood, Complete double fuzzy irredundant set.*

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