

Sunitha, M. S.; Vijaya Kumar, A.

Complement of a fuzzy graph. (English) Zbl 1013.05081

Indian J. Pure Appl. Math. 33, No. 9, 1451-1464 (2002).

The authors consider a modified definition of a fuzzy graph and establish a necessary and sufficient condition for a fuzzy graph to be self-complementary. Several properties of self-complementary fuzzy graphs are established.

Reviewer: [D.P.Brown \(Carbondale\)](#)

MSC:

[05C99](#) Graph theory

[08A72](#) Fuzzy algebraic structures

Cited in **43** Documents

Keywords:

[fuzzy subsets](#)