Abstract

Motivated by the notion of single valued neutrosophic graphs defined by Broumi, Talea, Bakali and Smarandache[2] and notion of intuitionistic fuzzy signed graphs defined by Mishra and Pal[8], we introduce the concept of single valued neutrosophic signed graphs and examine the properties of this new concept and examples.

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**Index Terms**

Computer Science  Applied Mathematics

**Keywords**

Single valued neutrosophic graph, single valued neutrosophic signed graph, complemenary
single valued neutrosophic signed graph.