

A Modified Algorithm for Solving Interval Valued Fuzzy Relational Equations

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Abstract

In this paper, it is introduced a modified algorithm is proposed to solve the Interval valued (I – V) fuzzy relational equation $P \cdot Q = R$ with max-min composition and max product composition. The algorithm operates systematically and graphically on a matrix pattern to get all the interval solution of P. An example is given to illustrate its effectiveness.
