

## **AN APPLICATION OF FUZZY SOFT RELATION IN DECISION MAKING PROBLEMS**

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### **Abstract**

The concept of soft set is one of the recent topics developed for dealing with the uncertainties present in most of our real life situations. The parameterization tool of soft set theory enhances the flexibility of its application. The Fuzzy Modelling has been applied in a wide variety of fields such as Engineering and Management Sciences and Social Sciences to solve a number of Decision Making Problems which involve impreciseness, uncertainty and vagueness in data. The concept of Soft Set has a promising potential for giving an optimal solution for these problems. In this paper the concept of soft relations and fuzzy soft relations are introduced and applied in decision making problem.

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