

Abstract

One of problems in decision making is selecting set of alternatives based on some attributes (criteria), which is known as Multiple Attribute Decision Making (MADM), where the decision makers have to select or rank among the alternatives that are associated with noncommensurate and conflicting attributes. Selecting a house is one of many cases where every house has attributes that are used as parameters in selecting a house among many houses alternatives. Preference information in subjective approach which is given by decision makers to every house alternative will be evaluated by doing uniformity and aggregation. By using fuzzy majority method, the best alternative is obtained. This problem solving of MADM will be poured on a system called Decision Support System.

Keywords : Multiple Attribute Decision Making, subjective preference information, fuzzy majority method, Decision Support System