

Application of Fuzzy Membership Value Matrix

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Abstract: *Fuzzy set theory plays a dynamic role in medicinal fields. There are varieties of simulations involving fuzzy matrices to deal with different complicated aspects of medical diagnosis. Today may be a world of uncertainty with its associated problems, which may be well handled by fuzzy soft set theory. Sanchez formulated the diagnostic models including intuitionistic fuzzy matrices representing the medical knowledge between the symptoms and diseases. In this paper, an algorithm is developed and a few examples are proposed to construct the decision method for Diagnosis.*

Keywords: Algorithm, Case study, Decision making problem Fuzzy soft set, Fuzzy soft Matrix, Operations of Fuzzy soft matrix

Mathematics subject classification: 03B52, 92C50, 91B06

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