

## MAIN CLASSES OF MEMBERSHIP FUNCTIONS IN INTELLECTUAL SEARCH

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### **ABSTRACT**

*Resume. Main classes of membership functions were shown which can be used for rebuilding natural language query based on linguistic variable within the theory of fuzzy sets. In our opinion, the intellectual search - fuzzy terms in query are accurate to values of numeral. Moreover, determining the corporate values of terms and recommendations of choosing respective functions are set forth. These classes help us to choose optional linguistic variable terms and create conditions for numeral dimensions of these functions.*

**KEYWORDS:** *Searching, Membership Function, Linguistic Variable, Term, Rebuilding Query, Fuzzy Sets And Logic Theory, Information Resources and Intellectual Searching*

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