

**MOHAMMED SAEED Ali Amer**, *Recent Approaches in Knowledge Representation*

**Abstract**

The main approaches dealing with imprecision modelling of knowledge in order to build Knowledge Representation and Processing Systems are considered in this paper. An overview on Zadeh's fuzzy models, Atanassov's intuitionistic fuzzy propositions, and Smarandache's neutrosophic extensions is given. These models can be applied to numbers, graphs, various maps, and expert systems.

**Keywords:** *fuzzy modelling, intuitionistic-fuzzy modelling, neutrosophic modelling, knowledge representation..*

ACM Classification: I.2.4.