Similarity and Quantification in Fuzzy Logic

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Overview

Where we are . . .

- What is Fuzzy Logic (FL) ?
- Why do we need FL ?
- "Narrow" view of FL (Fuzzy Logic).
- "Wide" view of FL (Fuzzy Set/Relation).

Introduction
Similarity
Quantification
Conclusions

Statement of Problem
Interpretation Based Measurement(IBM)
Structure Based Measurement(SBM)
Comparison between IBM and SBM

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3. **Quantification**
   - Statement of Problem
   - Formalized in SOL Predicate
   - Formalized in FOL Predicate
   - Application of Quantification

4. **Conclusions**

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