

Interpolation of Imprecise Data

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WPMSIIP 2010

Aim

Considering we have uncertain data about a variable Z at locations $x_1, \dots, x_i, \dots, x_n$, what can we say at location x_0 ?

Previous works

- Several proposals for fuzzy sets

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How to take into account the “imprecise probabilistic” meaning of the data?

Hints

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Questions

- How to model “close to” in lower predictions space?

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Questions

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- Second-order imprecision?