

## **Left-continuous T-norms – State of the Art**

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*Abstract: The recent advances and the state of the art in the research of left-continuous t-norms is summarized in this talk. The main focus is on construction methods, geometric description, and structural characterization. We point out further research directions and open problems.*

*Keywords: Characterization of subclasses, Geometric description, Left-continuous t-norm, Structural description*