

Cignoli, Roberto; Esteva, Francesc; Godo, Lluís; Montagna, Franco

On a class of left-continuous t-norms. (English) [Zbl 1012.03032](#)

Fuzzy Sets Syst. 131, No. 3, 283-296 (2002).

In the paper mutual relations between t-norms and logical weak negations are investigated. The attention is focused on so-called nilpotent minimum t-norms, whose construction is generalized in the paper. In the main results the weak negations compatible with a given t-norm are characterized and, vice versa, also a characterization of continuous t-norms compatible with a given weak negation function is given.

Reviewer: [Milan Mareš \(Praha\)](#)

MSC:

[03B52](#) Fuzzy logic; logic of vagueness

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