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A review of aggregation functions. (English) [Zbl 1147.68081](#)

Bustince, Humberto (ed.) et al., Fuzzy sets and their extensions: representation, aggregation and models. Intelligent systems from decision making to data mining, web intelligence and computer vision. Berlin: Springer (ISBN 978-3-540-73722-3/hbk). Studies in Fuzziness and Soft Computing 220, 121-144 (2008).

Summary: Several local and global properties of (extended) aggregation functions are discussed and their relationships are examined. Some special classes of averaging, conjunctive and disjunctive aggregation functions are reviewed. A special attention is paid to the weighted aggregation functions, including some construction methods.

For the entire collection see [\[Zbl 1130.68004\]](#).

MSC:

68T37 Reasoning under uncertainty in the context of artificial intelligence

Cited in **18** Documents

Keywords:

[construction methods](#)