

Construction of Aggregation Operators: New Composition Method.

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Abstract: A new construction method for aggregation operators based on composition of aggregation operators is proposed. Several general properties of this construction method are recalled. Further, several special cases are discussed. It will be also shown, that this construction generalize recently introduced twofold integral, which is exactly a composition of the Choquet and Sugeno integrals by means of min operator.

Keywords: aggregation operator; composition; two-fold integral;

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