ADDITIVE GENERATORS OF T-NORMS

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It is well known that each conjunctive additive generator generates a commutative, non-decreasing function which fulfils the boundary condition. A conjunctive additive generator is called an additive generator iff the corresponding generated function is associative (a triangular norm). Some sufficient conditions under which a conjunctive additive generator leads to an associative generated function are introduced. Several interesting examples of additive generators are given. We discuss some algebraic properties of generated associative functions (triangular norms).

References

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