

**Palko, Vladimír**

**A measure decomposition theorem.** (English) Zbl 0635.28003

Math. Slovaca 38, No. 2, 167-169 (1988).

In the paper there is proved an abstract decomposition theorem. It is shown that from this theorem four concrete decomposition theorems follow, e.g. the Lebesgue decomposition theorem and the theorem on the decomposition into a non-atomic and a purely atomic part.

**MSC:**

**28A12** Contents, measures, outer measures, capacities

Cited in 1 Document

**Keywords:**

measure decomposition theorems; Lebesgue decomposition theorem; non-atomic; purely atomic

**Full Text:** [EuDML](#)

**References:**

[1] BERBERIAN S. K.: Measure and Integration. MacMillan Company, New York, 1965 · [Zbl 1210.28001](#)

[2] HALMOS P. R.: Measure Theory. Princeton, Van Nostrand, 1968.

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