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Partial measures

Tikhonov O.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

We study σ -additive set functions defined on a hereditary subclass of a σ -algebra and taken values in the extended real line. Analogs of the Jordan decomposition theorem and the Radon-Nikodym theorem are obtained.

Keywords

σ -algebra, Jordan decomposition theorem, Radon-Nikodym theorem, Set function