

Regular method of summability and the weak Fatou property

E. Jiménez Fernández, M. A. Juan, Enrique A. Sánchez Pérez

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Abstract

Let $X(\mu)$ be a σ -order continuous Banach function space where μ is a finite measure. In this talk we characterize the regular methods of summability in terms of a weak σ -Fatou properties of these spaces. We generalize this result to a more general class of Banach function spaces, in particular to spaces of classes of measurable integrable functions with respect to a vector measure ν on a δ -ring.

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