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Extreme points of the Besicovitch–Orlicz space of almost periodic functions equipped with the Luxemburg norm

Comment.Math.Univ.Carolin. 62,1 (2021) 67 –79.

Abstract: We investigate which points in the unit sphere of the Besicovitch–Orlicz space of almost periodic functions, equipped with the Luxemburg norm, are extreme points. Sufficient conditions for the strict convexity of this space are also given.

Keywords: Besicovitch–Orlicz space; extreme point; strict convexity; almost periodic function

AMS Subject Classification: 39A24, 46B20, 46E30

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