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*Duality properties and Riesz representation theorem in the Besicovitch-Orlicz space of almost periodic functions*

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**Abstract:** In [6], the classical Riesz representation theorem is extended to the class of Besicovitch space of almost periodic functions  $B^q$ a.p.,  $q \in ]1, +\infty[$ . It is also shown that this space is reflexive. We shall consider here such results in the context of Orlicz spaces, namely in the class of Besicovitch-Orlicz space of almost periodic functions  $B^\phi$ a.p., where  $\phi$  is an Orlicz function.

**Keywords:** Besicovitch-Orlicz space, almost periodic function, reflexivity, duality  
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