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*Inductive limit topologies on Orlicz spaces*

Comment.Math.Univ.Carolinae 32,4 (1991) 667-675.

**Abstract:** Let  $L^\varphi$  be an Orlicz space defined by a convex Orlicz function  $\varphi$  and let  $E^\varphi$  be the space of finite elements in  $L^\varphi$  (= the ideal of all elements of order continuous norm). We show that the usual norm topology  $\mathcal{T}_\varphi$  on  $L^\varphi$  restricted to  $E^\varphi$  can be obtained as an inductive limit topology with respect to some family of other Orlicz spaces. As an application we obtain a characterization of continuity of linear operators defined on  $E^\varphi$ .

**Keywords:** Orlicz spaces, inductive limit topologies, convex functions

**AMS Subject Classification:** 46E30