

Approximatively compact points in Orlicz spaces
equipped with the p -Amemiya norm

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Abstract. The new notion of an approximatively compact point in Banach spaces will be introduced. It will be showed that a point x is an approximatively compact point with respect to any weakly compact and convex subset C of a Banach space X if and only if it is a Kadec-Klee point. Finally, for any point belonging to the unit sphere of Orlicz sequence spaces equipped with the p -Amemiya norm, necessary and sufficient conditions for being an H-point will be given.