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On the sequence of integer parts of a good sequence for the ergodic theorem

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Abstract: If (u_n) is a sequence of real numbers which is good for the ergodic theorem, is the sequence of the integer parts $([u_n])$ good for the ergodic theorem ? The answer is negative for the mean ergodic theorem and affirmative for the pointwise ergodic theorem.

Keywords: ergodic theorem along subsequences, Banach principle

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