

**Shashkin, A. P.**

**A Berry-Esseen type estimate for a weakly associated vector random field.** (English. Russian original) [Zbl 1020.60011](#)

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The author presents an analog of the Berry-Esseen estimate for a weakly associated wide-sense stationary zero-mean field of random vectors for the case in which sums are taken over regularly growing sets.

Reviewer: [Zdzisław Rychlik \(Lublin\)](#)

**MSC:**

[60F05](#) Central limit and other weak theorems

[60G60](#) Random fields

**Keywords:**

random field; weak association; Berry-Esseen estimate; covariance matrix; family of sets growing in the Fischer sense

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