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**Sample paths continuity and estimates of distributions of increments of separable stochastic processes from the class  $V(\varphi, \psi)$  defined on a compact set.** (Ukrainian. English summary)

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Visn., Ser. Fiz.-Mat. Nauky, Kyïv. Univ. Im. Tarasa Shevchenka 2004, No. 2, 45-50 (2004).

Summary: Conditions for sample path continuity with probability one and estimates for increments of stochastic processes from the class  $V(\varphi, \psi)$  defined on a compact space are given. The obtained estimates improve and generalise the known estimates.

**MSC:**

60G07 General theory of stochastic processes

60G17 Sample path properties

Cited in 1 Document

**Keywords:**

sample paths continuity;  $\varphi$ -sub-Gaussian random process; distribution of supremum of increments