

**Wang, Xuejun; Hu, Shuhe; Yang, Wenzhi**

**Convergence properties for asymptotically almost negatively associated sequence.** (English)

Zbl 1207.60025

Discrete Dyn. Nat. Soc. 2010, Article ID 218380, 15 p. (2010).

Summary: We get the strong law of large numbers, strong growth rate, and the integrability of the supremum for partial sums of an asymptotically almost negatively associated sequence. In addition, the complete convergence for weighted sums of asymptotically almost negatively associated sequences is also studied.

**MSC:**

60F15 Strong limit theorems

Cited in 11 Documents

**Keywords:**

strong law of large numbers; strong growth rate; integrability of supremum for partial sums

**Full Text:** [DOI](#) [EuDML](#)

**References:**

- [1] DOI: 10.1214/aos/1176346079 · Zbl 0508.62041 · doi:10.1214/aos/1176346079
- [2] DOI: 10.1214/aop/1176993784 · Zbl 0501.62037 · doi:10.1214/aop/1176993784
- [3] DOI: 10.1016/0167-7152(92)90191-7 · Zbl 0925.60024 · doi:10.1016/0167-7152(92)90191-7
- [4] DOI: 10.1007/BF00114421 · Zbl 0853.60032 · doi:10.1007/BF00114421
- [5] DOI: 10.1007/BF02214087 · Zbl 0857.60021 · doi:10.1007/BF02214087
- [6] Taiwanese Journal of Mathematics 9 (1) pp 111– (2005)
- [7] Southeast Asian Bulletin of Mathematics 27 (2) pp 369– (2003)
- [8] DOI: 10.1007/s11425-009-0154-z · Zbl 1184.62099 · doi:10.1007/s11425-009-0154-z
- [9] Theory of Probability and Its Applications 45 (3) pp 436– (2001) · Zbl 0991.60021 · doi:10.1137/S0040585X97978385
- [10] DOI: 10.1016/j.spl.2008.06.017 · Zbl 1152.60317 · doi:10.1016/j.spl.2008.06.017
- [11] Acta Mathematica Sinica 46 (6) pp 1123– (2003)

This reference list is based on information provided by the publisher or from digital mathematics libraries. Its items are heuristically matched to zbMATH identifiers and may contain data conversion errors. It attempts to reflect the references listed in the original paper as accurately as possible without claiming the completeness or perfect precision of the matching.