ON THE COMPLETE CONVERGENCE FOR WEIGHTED SUMS OF EXTENDED NEGATIVELY DEPENDENT RANDOM VARIABLES

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Abstract. The authors investigate the complete convergence for weighted sums of extended negatively dependent (END) random variables. The main results obtained in the paper extend and improve the corresponding result of Zarei and Jabbari [Zarei, H., Jabbari, H., 2011. Complete convergence of weighted sums under negative dependence. Stat. Papers, 52, 413-418].

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REFERENCES


