

COMPLETE f -MOMENT CONVERGENCE FOR NEGATIVELY SUPERADDITIVE DEPENDENT RANDOM VARIABLES

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Abstract. In this paper, by utilizing the Kolmogorov exponential type inequality of negatively superadditive dependent random arrays and truncated method, we study the complete f -moment convergence for arrays of rowwise NSD random variables. Some sufficient conditions to prove the complete f -moment convergence are obtained, which generalize and improve some known ones.

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