

SOME COMMENTS ON CHEN XU, MENGMEI XI, XUEJUN WANG AND HAO XIA'S PAPER “ L^r CONVERGENCE FOR WEIGHTED SUMS OF EXTENDED NEGATIVELY DEPENDENT RANDOM VARIABLES”

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Abstract. In this short note, we show that an assertion presented in the main result of Chen Xu, Mengmei Xi, Xuejun Wang and Hao Xia's paper, “ L^r convergence for weighted sums of extended negatively dependent random variables”, is false. A reformulation of this statement is announced making it valid.

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REFERENCES

- [1] J. LITA DA SILVA, *Convergence in p -mean for arrays of row-wise extended negatively dependent random variables*, Acta Math. Hungar., **150**, 2 (2016), 346–362.
- [2] CHEN XU, MENGMEI XI, XUEJUN WANG AND HAO XIA, *L^r convergence for weighted sums of extended negatively dependent random variables*, J. Math. Inequal., **10**, 4 (2016), 1157–1167.