



Stochastic Analysis and Applications

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Correction

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Correction

“Complete convergence theorems for weighted row sums from arrays of random elements in Rademacher type p and martingale type p Banach spaces”, by Tien-Chung Hu, Andrew Rosalsky*, and Andrei Volodin in *Stochastic Analysis and Applications* 37(6), pp. 1092–1106, 2019.

Example 3.2 in the above paper is not valid. Example 3.2 purports to provide an example satisfying the hypotheses of Corollary 3.2 but not those of Theorem 3.3. However, in Corollary 3.2, the random elements comprising the array are assumed to all have mean zero whereas the random elements in the array presented in Example 3.2 all have nonzero mean thereby rendering Example 3.2 to be invalid. For the same reason, the first half of Remark 3.2 which concerns Theorem 3.1 is not correct. It remains an open problem as to whether or not an example can be constructed satisfying the hypotheses of Corollary 3.2 or Theorem 3.1 but not those of Theorem 3.3. We regret our error and we invite interested readers to investigate this open problem. We maintain that the three main theorems of the paper (Theorems 3.1, 3.2, and 3.4) are correct results.