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**On the strong convergence of a weighted sum.** (English) Zbl 0951.60027  
Stat. Probab. Lett. 44, No. 1, 19-22 (1999).

Summary: We prove the equivalence of the almost sure and complete convergence of a particular weighted sum of independent, identically distributed random variables investigated by *Y. S. Chow* and *T. L. Lai* [Ann. Probab. 1, 810–824 (1973; Zbl 0303.60025)].

**MSC:**

60F15 Strong limit theorems

Cited in **24** Documents

**Keywords:**

strong convergence; complete convergence

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

**References:**

- [1] Chow, Y.S.; Lai, T.L., Limiting behavior of weighted sums of independent random variables, Ann. probab., 1, 810-824, (1973) · [Zbl 0303.60025](#)
- [2] Chow, Y.S., Teicher, H., 1978. Probability Theory. Springer, New York.
- [3] Hsu, P.L.; Robbins, H., Complete convergence and the law of large numbers, Proc. nat. acad. sci. U.S.A., 33, 25-31, (1947) · [Zbl 0030.20101](#)

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