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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 **25** Documents

**Keywords:**

strong convergence; complete convergence

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**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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