

MARCINKIEWICZ-TYPE STRONG LAW OF LARGE NUMBERS FOR
PAIRWISE INDEPENDENT RANDOM FIELDS

Ewa B. Czerebak-Mrozowicz
Oleg I. Klesov
Zdzisław Rychlik

Abstract: We present the Marcinkiewicz-type strong law of large numbers for random fields $\{X_n, n \in Z_+^d\}$ of pairwise independent random variables, where Z_+^d , $d \geq 1$, is the set of positive d -dimensional lattice points with coordinatewise partial ordering.

1991 AMS Mathematics Subject Classification: Primary 60F0S, 60F15.

Key words and phrases: Marcinkiewicz strong law of large numbers, pairwise independent random variables, random fields.

THE FULL TEXT IS AVAILABLE [HERE](#)