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

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

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The full text is available here.