

Marcinkiewicz-Zygmund type law of large numbers for double arrays of random elements in Banach spaces

van Dung L., Ngamkham T., Tien N.D., Volodin A.I.

Faculty of Mathematics, National University of Hanoi, 3 34 Nguyen Trai, Hanoi, Viet Nam; Department of Mathematics and Statistics, Thammasat University, Rangsit Center, Pathumthani 12121, Thailand; School of Mathematics and Statistics, University of Western Australia, 35 Stirling Highway, Crawley, WA 6009, Australia

Abstract: In this paper we establish Marcinkiewicz-Zygmund type laws of large numbers for double arrays of random elements in Banach spaces. Our results extend those of Hong and Volodin [6]. © Pleiades Publishing, Ltd., 2009.

Author Keywords: Double arrays of random elements; Marcinkiewicz-Zygmund inequality; Martingale type p Banach spaces; Rademacher type p Banach spaces; Strong and L_p laws of large numbers

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Correspondence Address: van Dung, L.; Faculty of Mathematics, National University of Hanoi, 3 34 Nguyen Trai, Hanoi, Viet Nam; email: lvdunght@gmail.com

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Authors with affiliations:

- van Dung, L., Faculty of Mathematics, National University of Hanoi, 3 34 Nguyen Trai, Hanoi, Viet Nam
- Ngamkham, T., Department of Mathematics and Statistics, Thammasat University, Rangsit Center, Pathumthani 12121, Thailand
- Tien, N.D., Faculty of Mathematics, National University of Hanoi, 3 34 Nguyen Trai, Hanoi, Viet Nam
- Volodin, A.I., School of Mathematics and Statistics, University of Western Australia, 35 Stirling Highway, Crawley, WA 6009, Australia

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