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1. Banach-space-valued stationary processes and their linear prediction. *Dissertationes Math.*, Warszawa, 125, 1975 (co-author: Weron A.).
2. Gaussian characterizations of Certain Banach Spaces. *J. Multivar. Anal.* 7, 1977 (co-author: Tarieladze V.I.).
3. Characterisation de certaines classes d'espaces de Banach par les mesures gaussiennes. *Comptes Rendus Acad. Sci. Paris* 285, 1977 (co-authors: Chevet S., Linde W., Tarieladze V.).
4. The structure of the set of sums of a conditionally convergent series in a Banach space. *Sov. Math., Dokl.* 30, 1984, 438-441; translation from *Dokl. Akad. Nauk SSSR* 278, 1984.
5. Probability distributions in Banach spaces. Moskva: "Nauka". 368 p. R. 4.30 (1985). Probability distributions on Banach spaces. *Mathematics and Its Applications (Soviet Series)*, 14. Dordrecht etc.: D. Reidel Publishing Company. xxvi, 482 p. 1987 (co-authors: Vakhania N.N., Tarieladze V.I.).
6. A problem on rearrangements of summands in normed spaces and Rademacher sums. Probability theory on vector spaces IV, *Proc. Conf., Lancut/Poland 1987*, *Lect. Notes Math.* 1391, 1989 (co-author: Giorgobiani G.J.).
7. Convergence a.s. of rearranged random series in Banach space and associated inequalities. Hoffmann-Jorgensen, Jorgen (ed.) et al., *Probability in Banach spaces*, 9: Proceedings from the 9th international conference on probability in Banach spaces, held at Sandbjerg, Denmark, August 16-21, 1993. Boston, MA: Birkhauser. *Prog. Probab.* 35, 29, 1994.
8. The structure of the set of sums of a conditionally convergent series in a Banach space. *Sov. Math., Dokl.* 30, 1984, 438-441; translation from *Dokl. Akad. Nauk SSSR* 278, 1984.
9. On rearrangements of series in locally convex spaces. *Mich. Math. J.*, 44, 3, 1997 (co-author: Chasco Maria-Jesus).
10. Prokhorov blocks and strong law of large numbers under rearrangements. *J. Theor. Prob.*, 17, 3, 2004, (co-authors: Levental S., Mandrekar V.).
11. Greedy algorithm fails in compact vector summation.. (co-authors: G.Chelidze, G.Giorgobiani and V.Kvaratskhelia). *Bulletin of Georgian National Academy of Sci.*, v.4, no.2, 2010.
12. Towards Nikishin's theorem on the almost sure convergence of rearrangements of functional series (coauthors : S.Levental, V.Mandrekar). *Functional Anal. Appl.*, 45, 1, 2011.
13. Signs, permutations and rearrangement maximum inequalities (coauthors: S.Levental, H.Salehi). *Theory Probab.Appl.*, 59, 4, 2014 .