

LISTA PUBLIKACJI

1. Wysoczański, J. "bm-Independence and bm-Central Limit Theorems Associated with Positive Cones", 2009, preprint
2. Wysoczański, J. "On the Woronowicz's twisted product construction of quantum groups, with comments on related cubic Hecke algebra", preprint 2009, Proceedings RIMS Kyoto 2009,
3. Wysoczański, J. "On a cubic Hecke algebra associated with the quantum group  $U_q(2)$ ", preprint 2008, Proceedings Bedlewo 2008, BCP,
4. Wysoczański, J. "A generalization of the monotonic and boolean independence of algebras and applications to probability", preprint 2009, Proc. 8th Sendai Workshop 2008,
5. Wysoczański J. "Non-commutative independence of algebras and applications to probability", preprint, Proceedings ICOAA2008 Marakesh, Morocco, to appear in Operators and Matrices 2009.
6. Wysoczański J., "bm-Central limit theorems for positive definite real symmetric matrices", *Infin. Dimens. Anal. Quantum Probab. Relat. Top.* 11 (2008), No. 1, 33–51.
7. Bożejko M., Krystek A., Młotkowski W., Wysoczański J., "Noncommutative Harmonic Analysis with Applications to Probability", *Banach Center Publ.* 78 (2007).
8. Wysoczański J., "bm-Independence and central limit theorems associated with symmetric cones", in "Noncommutative harmonic analysis with applications to probability", *Banach Center Publications* 78 (2007), 315–320.
9. Wysoczański J., "Monotonic independence associated with partially ordered sets" *Infin. Dimens. Anal. Quantum Probab. Relat. Top.* 10 (2007), No. 1, 17–41.
10. Bożejko M., Młotkowski W., Wysoczański J., "Quantum Probability", *Banach Center Publications* 73 (2006).
11. Wysoczański J., "The von Neumann algebra associated with an infinite number of  $t$ -free noncommutative gaussian random variables", in *Proceedings of the 25th Quantum Probability Conference*, *Banach Center Publ.* 73 (2006), 435–438.
12. Wysoczański J., "A  $d$ -deformation of free gaussian random variables", *Inf. Dim. Anal. Quantum Prob. Rel. Top.* 8, No. 4 (2005), 1–12.
13. Wysoczański, J., "Monotonic independence on the weakly monotone Fock space and related Poisson type theorem", *Inf. Dim. Anal. Quantum Prob. Rel. Top.* 8 No. 2 (2005), 259–275.
14. Wysoczański, J., "Twisted product structure and representation theory of the quantum group  $U_q(2)$ ", *Reports on Math. Phys.* 54 No.3 (2004), 327–347.
15. Wysoczański, J., "Unitary representations for twisted product of matrix quantum groups". *Trends in infinite-dimensional analysis and quantum probability (Japanese) (Kyoto 2001)*, *RIMS Kokyuroku No.* 1278 (2002), 188–193.
16. Wysoczański, J., "A construction of compact matrix quantum groups and description of the related  $C^*$ -algebras. Infinite dimensional analysis and quantum probability theory (Japanese) (Kyoto, 2000). *RIMS Kokyuroku No.* 1227 (2001), 209–217.
17. Bożejko M., Wysoczański J., "Remarks on  $t$ -transformations of measures and convolutions". *Ann. Inst. H. Poincaré Probab. Statist.* 37 (2001), no. 6, 737–761.

18. Bożejko M., Wysoczański J., "New examples of convolutions and non-commutative central limit theorems". *Quantum probability (Gdańsk, 1997)*, 95–103, Banach Center Publ., 43, Polish Acad. Sci., Warsaw, 1998.
19. Wysoczański, J., "Royden compactification of integers". *Hiroshima Math. J.* 26 (1996), no. 3, 515–529.
20. Wysoczański, J., "A characterization of radial Herz-Schur multipliers on free products of discrete groups". *J. Funct. Anal.* 129 (1995), no. 2, 268–292.
21. Wysoczański, J., "Hecke algebra on homogeneous trees and relations with Toeplitz and Hankel operators". *Proc. Amer. Math. Soc.* 122 (1994), no. 4, 1203–1210.
22. Wysoczański, J., "An analytic family of uniformly bounded representations of a free product of discrete groups". *Pacific J. Math.* 157 (1993), no. 2, 373–387.
23. Wysoczański, J., "Characterization of amenable groups and the Littlewood functions on free groups". *Colloq. Math.* 55 (1988), no. 2, 261–265.
24. Wysoczański, J., "On uniformly amenable groups". *Proc. Amer. Math. Soc.* 102 (1988), no. 4, 933–938.