

VITONOFRIO CRISMALE

PUBLICATIONS

1. V. Crismale, F. Fidaleo, M. E. Griseta, *Spreadability for Quantum Stochastic Processes, With an Application to Boolean Commutation Relations*, Entropy **22** (2020), 532.
2. V. Crismale, Y. G. Lu, *Vacuum distribution, norm and spectral properties for sums of monotone position operators*, J. Operator Theory **83** (2020), 495-515.
3. V. Crismale, M. E. Griseta, J. Wysoczanski, *Weakly monotone Fock space and monotone convolution of the Wigner law*, J. Theoret. Probab. **33** (2020) 268-294.
4. V. Crismale, F. Fidaleo, M. E. Griseta, *Wick order, spreadability and exchangeability for monotone commutations relations*, Ann. Henri Poincaré **19** (2018), 3179-3196.
5. V. Crismale, F. Fidaleo, Y. G. Lu, *Limits of some weighted Cesaro averages*, Results Math. **72** no.3 (2017), 1271-1280.
6. V. Crismale, F. Fidaleo, *Symmetries and ergodic properties in quantum probability*, Colloq. Math. **149** no.1 (2017), 1-20.
7. V. Crismale, F. Fidaleo, Y. G. Lu, *From discrete to continuous monotone C^* -algebras via quantum central limit theorems*, Infin. Dimens. Anal. Quantum Probab. Rel. Top. **20**, no. 2 (2017), 1750013, 18 pp.
8. V. Crismale, F. Fidaleo, Y. G. Lu, *Ergodic theorems in quantum probability: an application to the monotone stochastic processes*, Ann. Sc. Norm. Sup. Pisa Cl. Sci. (5) **17** no.1 (2017), 113-141.
9. V. Crismale, F. Fidaleo, *Exchangeable stochastic processes and symmetric states in quantum probability*, Ann. Mat. Pura Appl., **194** (2015), 969-993.
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12. V. Crismale, Y.G. Lu, *On Quantum De Finetti's Theorems*, QP-PQ: Quantum Probability and White Noise Analysis, vol. **XXV**, World Scientific, (2010), 107-117.
13. P. Acquafredda, V. Crismale et al., *Characterization of polycrystalline diamond films grown by Microwave Plasma Enhanced Chemical Vapor Deposition (MWPECVD) for UV radiation detection*, Nucl. Instr. and Meth. Phys. Res.A **617** (2010), 405-406.
14. A. Ben Ghorbal, V. Crismale, *Independence arising from interacting Fock spaces and related quantum central limit theorems*, Probab. Math Stat. **29**, no. 2 (2009), 251-269.
15. P. Acquafredda, V. Crismale et al., *Preliminari study on polycrystalline diamond films suitable for radiation detection*, 3rd International Workshop on Advances in Sensors and Interfaces (2009).

16. L. Accardi, A. Ben Ghorbal, V. Crismale, Y.G. Lu, *Singleton conditions and quantum De Finetti's theorem*, *Infin. Dimens. Anal. Quantum Probab. Rel. Top.* **11**, no. 4 (2008), 639-660.
17. V. Crismale, *A projective central limit theorem and an interacting Fock space representation for the limit process*, *Ban. Cent. Publ.* **78** (2008), 69-80.
18. A. Ben Ghorbal, V. Crismale, Y.G. Lu, *A constructive boolean central limit theorem*, *Boll. Un. Matem. Ital. sez. B* **10** (2007), 593-604.
19. V. Crismale, *Quantum stochastic calculus on interacting Fock spaces: semimartingale estimates and stochastic integral*, *Comm. Stoch. Anal.* **1**, no. 2 (2007) 321-341.
20. V. Crismale, Y.G. Lu, *A new proof of a quantum central limit theorem for symmetric measures*, *QP-PQ: Quantum Probability and White Noise Analysis*, vol. **XX**, World Scientific, (2007), 163-172.
21. V. Crismale, Y.G. Lu, *Rotation invariant interacting Fock spaces*, *Infin. Dimens. Anal. Quantum Probab. Rel. Top.* **10**, no. 2 (2007), 211-235.
22. L. Accardi, V. Crismale, Y.G. Lu, *Constructive universal central limit theorems based on interacting Fock spaces*, *Infin. Dimens. Anal. Quantum Probab. Rel. Top.* **8**, no. 4 (2005), 632-650.

Bari, 16/05/2020