

## Baby talk: Lévy-Khinchin for quantum probabilists

Uwe Franz

Laboratoire de mathématiques de Besançon,  
Université de Bourgogne Franche-Comté,  
16, route de Gray, 25 030 Besançon cedex, France  
`uwe.franz@univ-fcomte.fr`  
`http://lmb.univ-fcomte.fr/uwe-franz/`

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### Abstract

We will sketch a quantum probabilistic proof of the Lévy-Khinchin formula that classifies convolution semigroups of probability measures on the real line and real-valued Lévy processes. In this lecture we will encounter generating functionals, Schürmann triples, and the symmetric Fock space with its fundamental noise operators.