

Deformation quantization in infinite dimensional analysis

Rémi Léandre¹

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1. Institut de Mathématiques de Bourgogne. Université de Bourgogne. 21000 Dijon (France)

We define deformation quantization in infinite dimensional analysis in 3 ways:

-) We consider the case of the Malliavin Calculus (A commun work with G. Dito).
-) We consider the case of white noise analysis.
-) We consider the case of Taubes limit model and Fedosov quantization. A review paper is done in [1]

References

- [1] R. Léandre: Deformation quantization in infinite dimensional analysis. Preprint Université de Dijon.