

Mathematical Physics

Deformation Expression for Elements of Algebras (III) --Generic product formula for *-exponentials of quadratic forms--

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In a noncommutative algebra there is no canonical way to express elements in univalent way, which is often called "ordering problem". In this note we give product formula of the Weyl algebra in generic ordered expression. In particular, the generic product formula of *-exponential functions of quadratic forms will be given.

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