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ρ -differential calculi and linear connections on matrix algebra. (English) Zbl 1063.58004
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Summary: We present a new approach of the noncommutative geometry of the matrix algebra $M_n(\mathbb{C})$. We define two different differential calculi, and we introduce linear connections on $M_n(\mathbb{C})$, using the framework of ρ -algebras.

MSC:

[58B34](#) Noncommutative geometry (à la Connes)
[81R60](#) Noncommutative geometry in quantum theory

Cited in **3** Documents

Keywords:

[noncommutative geometry](#)

Full Text: [DOI](#)

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