

Noncommutative geometry and deformed Minkowski space-time

mercredi 25 juin 2025 16:00 (30 minutes)

Noncommutative geometry provides a representation of space-time in terms of associative algebras of operators. The final goal is to end up with a “quantum space-time” which should encode quantum gravity effects at an effective level. Recently, the construction of such quantum space-times has been investigated and led to deformations of the usual Minkowski space-time.

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