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Gaussian Formalism: From Hesenberg's Uncertainty Principle to Time-Boundary Effect and Lorentz-Covariant Complete Basis for Spinors

Tuesday 4 June 2024 17:40 (20 minutes)

This talk provides an overview of Gaussian formalism and its diverse applications. We will explore Heisenberg's uncertainty principle within the framework of quantum information theory. Additionally, we will examine the Time-Boundary Effect in quantum field theory and its significance in resolving isospin anomalies in vector-meson decay. The development of a Lorentz-covariant complete basis for spinors will also be briefly discussed.

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