

Seminario de análisis matemático y aplicaciones
Analisi matematikoa eta aplikazioak mintegia

Diagonalization of Quadratic Operators via Non-Autonomous Evolution Equations

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ABSTRACT: I present a new method to diagonalize, under general conditions, quadratic Hamiltonians acting on a Boson Fock space. Based on the Brocket–Wegner flow, the mathematical novelty of this approach lies in the use of the theory of non-autonomous evolution equations as a key ingredient to diagonalize such quadratic operators.

LUGAR / LEKUA:

Sala de seminarios de la sección de matemáticas
Matematika ataleko mintegi gela

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