



Miércoles, 15 de febrero de 2017.

Plamen Iliev (Georgia Institute of Technology, USA)

Bispectrality and superintegrability

Abstract:

The bispectral problem concerns the construction and the classification of operators possessing a symmetry between the space and spectral variables. Different versions of this problem can be solved using techniques from integrable systems, algebraic geometry, representation theory, classical orthogonal polynomials, etc. I will review the problem and some of these connections and then discuss new results related to the generic quantum superintegrable system on the sphere.



Univ. Carlos III de Madrid



Coordenadas

Hora 11:00 - 12:00
Lugar Seminario del Departamento
Aula 2.2D08 Edificio Sabatini.

Dirección

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