THE UNIVERSITY   **OF HONG KONG**

Institute of Mathematical Research
Department of Mathematics

Geometry Seminar

Holomorphic methods in the quantization of real polarized symplectic manifolds

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Abstract

Though Kähler quantization is mathematically better defined the quantization for (possibly singular) real or mixed polarizations is frequently physically more interesting.

We will review a proposal to define quantization for real or mixed polarizations via degeneration of quantizations corresponding to families of Kähler polarizations degenerating along geodesics in the space of Kähler metrics.

Date: October 6, 2014 (Monday)

Time: 4:00 – 5:00pm

Place: Room 210, Run Run Shaw Bldg., HKU

All are welcome