

Mini Workshop on Linear Partial Differential Operators

Date: October 26 (Tuesday), 2010, 10:30–17:50

Location: Room 002, Graduate School of Mathematical Sciences,
University of Tokyo, 3-8-1, Komaba, Meguro, Tokyo, Japan

Program:

- 10:30–11:10 T. Ramond (Paris Sud)
Resolvent estimate and resonance free domains for a homoclinic trapped set (joint work with Bony, Fujiie and Zerzeri)
- 11:20–12:00 K. Ito (Tsukuba)
Scattering theory from a geometric view point

(Lunch)
- 13:30–14:10 F. Hérau (Nantes)
Hypoelliptic estimates for Landau type operators
- 14:20–15:00 C. Fermanian (Paris Est)
A class of pseudodifferential operators on the Heisenberg group

(Coffee break)
- 15:30–16:10 M. Dimassi (Paris Nord)
Some remarks on the Schrödinger operators with crossed magnetic and electric fields
- 16:20–16:50 R. Henry (Paris Sud)
Instability of the eigenvalues for the anharmonic oscillators and the complex Airy operator
- 17:10–17:50 B. Helffer (Paris Sud)
Spectral problems related to a time dependent model with electric current

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