Lectures on Semi-Classical Analysis

Date: July 3 (Thu.) - 5 (Sat.), 2014

Venue: BKC Campus, Ritsumeikan University
- Presentation Room, Bldg. Co-learning House Ⅱ

July 3 (Thursday)

13:00 – 14:00 BURQ, Nicolas (Paris)
Control for Schrödinger equations on tori (I)

14:10 – 15:10 HITRIK, Michael (Los Angeles)
Spectral properties of semiclassical non-selfadjoint operators (I)

15:30 – 16:20 KRUPCHYK, Katya (Helsinki)
Resolvent estimates for elliptic operators and their applications

16:30 – 17:20 WITTSTEN, Jens (Kyoto)
Semiclassical analysis in the study of hyperbolic dynamical systems

July 4 (Friday)

10:20 – 11:20 HITRIK, Michael
Spectral properties of semiclassical non-selfadjoint operators (Ⅱ)

13:00 – 14:00 BURQ, Nicolas
Control for Schrödinger equations on tori (Ⅱ)

14:10 – 15:00 HSIAO, Chin-Yu (Taipei)
Semi-classical analysis in complex geometry:
Bergman kernel asymptotics for lower energy forms

15:30 – 16:20 MIYANISHI, Yoshihisa (Osaka)
Low energy approximations for Feynman path integrals on the sphere

16:30 – 17:20 MIZUTANI, Haruya (Osaka)
Strichartz estimates for Schrödinger equations on manifolds with ends

July 5 (Saturday)

10:00 – 11:00 BURQ, Nicolas
Control for Schrödinger equations on tori (Ⅲ)

11:10 – 12:10 HITRIK, Michael
Spectral properties of semiclassical non-selfadjoint operators (Ⅲ)

Organized by : S. Fujiie (Ritsumeikan University), K. Kaizuka (R.),
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