

Global COE International Mini-Workshop of the University of Tokyo in 2010

超局所解析と偏微分方程式

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場所:東京大学大学院数理科学研究科数理科学研究科棟 1階 123号室

11月16日(火)

16:00~16:45 打越敬祐 (防衛大学)

Hyperfunctions and vortex sheets

17:00~18:30 L. Boutet de Monvel (University of Paris 6)

Residual trace and equivariant asymptotic trace of Toeplitz operators

19:00~ Dinner Party

11月20日(土)

10:00~10:45 神本晋吾 (東京大学)

WKB analysis of a Schrödinger equation with a merging triplet
of two simple poles and one simple turning point via Mathieu equation

11:00~12:00 Michael Ruzhansky (Imperial College London)

Pseudo-differential operators on compact Lie groups (1)

13:30~14:30 Michael Ruzhansky (Imperial College London)

Pseudo-differential operators on compact Lie groups (2)

15:00~15:45 熊ノ郷直人 (工学院大学)

Path integrals for Gaussian processes as analysis on path space
by time slicing approximation

16:00~16:45 片岡清臣 (東京大学)

A system of fifth-order nonlinear partial differential
equations and a surface which contains many circles

11月21日(日)

10:00~11:10 松山登喜夫 (東海大学)

Dispersion for 3D wave equation with a potential in an exterior domain

11:00~12:00 Michael Ruzhansky (Imperial College London)

Pseudo-differential operators on compact Lie groups (3)