Fall School

Université Paris-Est Marne-la-Vallée

Random Matrices – Compressed Sensing – High Dimensional Geometry

November 16-20 2009

ESIEE Building - Amphi 110- Main floor

Djalil Chafaï.

Behavior of the largest and smallest singular values of random matrices.

Olivier Guédon.

Empirical methods and selection of characters.

Guillaume Lecué.

Basic tools from empirical processes theory applied to the compress sensing problem.

Shahar Mendelson.

Applications of chaining methods.

Alain Pajor.

Restricted Isometry Property (RIP) of some models of random matrices and high dimensional Geometry.

http://perso-math.univ-mlv.fr/users/banach/Fallschool2009/

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