Quasiconformal mappings and elliptic PDEs in the plane

ALBERT CLOP

Universitat Autònoma de Barcelona (UAB)

DATES: every monday and every friday, from april 16th until june 1st

TIME: 11AM to 1PM

PLACE: Room C3b/158, New Corridor of the Maths. Department, UAB

CONTENTS:
1. Planar quasiconformal maps.
2. Measurable Riemann mapping Theorem.
3. Holomorphic dependence and area distortion.
4. Planar uniformly elliptic PDEs and Beltrami operators.
5. Mappings of finite distortion and degenerate elliptic PDEs.