

Duality between the Dirichlet and Regularity Problems for Second Order Elliptic Systems

Abstract: In this talk I will outline an argument which establishes that the solvability of the L^p regularity problem is equivalent to the solvability of the $L^{p'}$ Dirichlet problem for second order elliptic systems with constant coefficients on Lipschitz domains. This is a joint work with Zhongwei Shen.