Analysis Seminar

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Tuesday, November 18, 2014
1:00 p.m., HH-3017

On positive solutions of the p-Laplace inequality on Riemannian manifolds

Abstract:

In this talk, we will show the sharpness for p-Laplace of $u + u^a \le 0$ by a constructive approach. Our construction bases on a perturbation of the fundamental solution to p-Laplace equation, and we believe that the ideas introduced here have more applications.