Calderon -Zygmund Analysis Seminar

Monday, November 25, 3:45 pm, Ryerson 358

Coarse differentiation of Lipschitz functions

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Abstract. Bates, Johnson, Lindenstrauss, Preiss, and Schechtman introduced a notion of large scale differentiation for Lipschitz functions between normed linear spaces. We discuss an extension of this result in the nonabelian setting of Lipschitz maps between of Carnot groups and use it to derive quantitative nonembeddability results.