Nice Weak KAM Methods in Nice
2-7 February 2009

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Some new links between the weak KAM theory and Monge problem

Abstract

The optimal mass transportation was introduced by Monge some 200 years ago and is, today, the source of uncountable number of results in analysis, geometry and convexity. Recently, some interesting links where discovered between the Weak KAM theory and the Monge problem. I'll review the background and introduce a new, surprising link involving the metric Monge distance.