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Aldéric Joulin: On the intertwining approach for proving Poincaré type functional inequalities

mercredi 31 mai 2023 14:45 (45 minutes)

In this talk, we will introduce the notion of intertwinings between (weighted) gradient and operators and see how those identities might be used to derive Poincaré type functional inequalities in various situations (non uniformly convex potentiels, perturbed product measures, log-concave measures on domains, etc.). This talk is based on a series of works in collaboration with Michel Bonnefont.

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