

Manifold Learning with Noisy Data

jeudi 9 mars 2023 10:00 (50 minutes)

It is a common idea that high dimensional data (or features) may lie on low dimensional support making learning easier. In this talk, I will present a very general set-up in which it is possible to recover low dimensional non-linear structures with noisy data, the noise being totally unknown and possibly large. Then I will present minimax rates for the estimation of the support in Hausdorff distance.

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