

学术报告

A convexity based method for approximation
and interpolation of sampled functions

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报告地点：天津大学 6 号楼 111 教室

报告摘要：I will briefly introduce the notions of compensated convex transforms and their basic properties. We apply these transforms to define devices for approximating and interpolating sampled functions in Euclidean spaces. I will describe the Hausdorff stability property against samples and the error estimates for inpainting for a given continuous or Lipschitz function. Prototype examples will also be presented and numerical experiments on applications to salt & pepper noise reduction, the level set reconstruction and image inpainting will also be illustrated. This is a joint work with Elaine Crooks and Antonio Orlando.

欢迎大家参加！