

Discrete and continuous Green energy on compact manifolds

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Minimal energy points on spheres and other manifolds have been studied intensively in the past years. In particular, minimal logarithmic energy points on the sphere have attracted much attention since the publication of Smale's 7th problem. In this talk I will speak about the role of the Green function on a general compact manifold as a tool for obtaining well-distributed points. Minimal Green energy points can be regarded as a generalization of minimal logarithmic energy points on the 2-sphere. We will pay special attention to the case of locally harmonic Blaschke manifolds.