

On the Ricci curvature (tensors) in Finsler Geometry

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Finsler metrics are just regular metrics without the quadratic restriction. The notion of Ricci curvature (tensor) in Riemannian geometry can be extended to Finsler metrics. One obtains several notions of Ricci curvature (tensors) from different averaging procedures. In this talk, I will discuss the Ricci curvature, the weighted Ricci curvature, the Ricci curvature tensors and their geometric meanings.