

Year: 2012

Vol.: 80

Fasc.: 1-2

Title: Spherically symmetric Finsler metrics in R^n

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In this paper, we give the general form of spherically symmetric Finsler metrics in R^n and find that many well-known Finsler metrics belong to this class. Then we explicitly express projective metrics of this type. The necessary and sufficient conditions that projective Finsler metrics with spherical symmetry have constant flag curvature are also obtained.

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