

On Projective Invariants of Spherically Symmetric Finsler Spaces in R_n

Authors : Nasrin Sadeghzadeh

Abstract : In this paper we study projective invariants of spherically symmetric Finsler metrics in R_n . We find the necessary and sufficient conditions for the metrics to be Douglas and Generalized Douglas-Weyl (GDW) types. Also we show that two classes of GDW and Douglas spherically symmetric Finsler metrics coincide.

Keywords : spherically symmetric finsler metrics in R_n , finsler metrics, douglas metric, generalized Douglas-Weyl (GDW) metric

Conference Title : ICSRD 2020 : International Conference on Scientific Research and Development

Conference Location : Chicago, United States

Conference Dates : December 12-13, 2020