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Title: P-Berwald manifolds

Author(s): Sándor Bácsó and Zoltán Szilasi

We introduce a new class of special Finsler manifolds, the class of p-Berwald manifolds. P-Berwald manifolds are defined as Finsler manifolds for which the projected Berwald curvature vanishes. We show that an at least 3-dimensional Finsler manifold is a p-Berwald manifold if and only if it is a weakly Berwald Douglas manifold. 2-dimensional p-Berwald manifolds are characterized by means of a differential equation concerning the main scalar. We prove that a p-Berwald manifold is R-quadratic if and only if its stretch tensor vanishes.

Address:
Sándor Bácsó
Institute of Informatics
University of Debrecen
H-4010 Debrecen
Hungary

Address:
Zoltán Szilasi
Institute of Informatics
University of Debrecen
H-4010 Debrecen
Hungary