List of publication with citations

Zoltán Kovács

February 3, 2013

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Lecture notes

[27] Kovács Zoltán: Geometria (Az euklidészi geometria metrikus megalapozása), Kossuth Egyetemi Kiadó, 1998, 1999, 2002, 2004.

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  "A curvature of a linear q.c. on a v.b. is defined in [2] and more generally in [9].. . . Notice that a particular curvature is defined in [2] for a linear q.c. on a v.b. which depends only on the q.c. Hence we fix an adapted ALS on ρ."

- [9] cited as [2] in

  Popescu, P. and Popescu, M. On associated quasi connections. Periodica Mathematica Hungarica 31, 45–52, 1995

  "The purpose of this paper is to give a necessary and sufficient condition on the existence of associated splittings (defined in this paper) and to consider some applications to associated quasi-connections on fibred manifolds and vector bundles, using the idea and extending Theorem 1 from [2]. In Section 1, a general condition on the existence of associated splittings is given. In Section 2, the basic constructions concerning q.c.s. used in the next Section are briefly described following [7]; they extend the q.c.s. of Wang [8, 1, 2]."

- [14] cited as [9] in

  L. Kozma. On Landsberg spaces and holonomy of Finsler manifolds *Finsler Geometry* Edited by D. Bao, S-s. Chern, Z. Shen. 177–186. American Mathematical Society, 1996.

  "There are a lot of interesting results concerning Landsberg spaces [6, 9, 17, 18]. Specially, Landsberg spaces are characterized by the condition that the indicatrix I_p at any point $p \in B$ is a totally geodesic submanifold of the total space IE of the indicatrix bundle."

- [17] cited as [9] in

R. Oláh-Gál, L. Pál. Some notes on drawing twofolds in 4-dimensional Euclidean space Acta Univ. Sapientiae, Informatica, (2009) 125-134

"Many articles [9, 17, 18] presented the techniques of drawing objects in higher dimension than three, and they also highlighted the educational importance of them."

- [21] cited as (Toth, A. and Z. Kovacs, 2008) in

  Dariush Latifi, Asadollah Razavi. Bi-invariant Finsler Metrics on Lie Groups Australian Journal of Basic and Applied Sciences, 5(12): 507- 511, 2011

  "The study of invariant structures on Lie groups and homogeneous spaces is an important problem in differential geometry. Lie groups are, in a sense, the nicest examples of manifolds and are good spaces on which to test conjectures (Milnor, J., 1976). Therefore it is important to study invariant Finsler metrics. S. Deng and Z. Hou studied invariant Finsler metrics on homogeneous spaces and gave some descriptions of these metrics (Deng, S. and Z. Hou, 2004; Deng, S. and Z. Hou, 2004). There is a recent paper on invariant Finsler metrics on two-step nilpotent Lie groups (Toth, A. and Z. Kovacs, 2008). Also, in (Latifi, D. and A. Razavi, 2006; Latifi, D., 2007; Latifi, D. and A. Razavi, 2009) we have studied the homogeneous Finsler spaces and the homogeneous geodesics in homogeneous Finsler spaces"