Year: 2014 Vol.: 84 Fasc.: 1-2

Title: Some remarks on Rizza–Kähler manifolds

Author(s): Tadashi Aikou

In the present paper we prove that if an almost complex structure J on a Finsler manifold (M,L) is parallel with respect to the Berwald connection D of (M,L), then (M,L) is a Berwald space. Furthermore, in this case, the Berwald connection D is induced from the Levi–Civita connection of a Kähler metric on M.

Address:

Tadashi Aikou Department of Mathematics and Computer Science Graduate School of Science and Engineering Kagoshima University Japan