

Year: 2014

Vol.: 84

Fasc.: 1-2

Title: Some theorems in special Finsler spaces and its generalizations in a bivector connected space

Author(s): Sándor Bácsó and Ildikó Papp

In this paper we would like to prove some reduction theorems for R -quadratic, Ricci-quadratic, W -quadratic, Douglas, and $S(n)$ spaces (in which the stretch tensor vanishes). Moreover, a new, special type of Finsler spaces, the so-called GRH (generalized Ricci-quadratic) space is defined. Finally, in the second part of this paper we develop the theory of quasi-autoparallel mappings.

Address:

Sándor Bácsó
Department of Mathematics
University of Debrecen
H-4010 Debrecen, P.O. Box 12
Hungary

Address:

Ildikó Papp
Faculty of Informatics
University of Debrecen
H-4010 Debrecen, P.O. Box 12
Hungary