

عنوان مقاله:

Locally dually flatness and locally projectively flatness of Matsumoto change with m-th root Finsler metrics

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خلاصه مقاله:

In this paper, we study the Matsumoto change of m-th root Finsler metric. We find the necessary and sufficient conditions under which the transformed metric be locally dually flat. Also, we prove that for Matsumoto change of m-th root metric is locally projectively flat if and only if it is locally Minkowskian.

کلمات کلیدی:

Finsler metric, m-th root metric, Matsumoto change, Locally projectively flat metric and Locally dually flat metric

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