Chen, Guangzu; Liu, Lihong
The generalized unicorn problem in the almost regular Douglas $\alpha, \beta$-spaces. (English)

Summary: In this paper, we focus on almost regular Douglas $\alpha, \beta$-spaces. We find that any almost regular Douglas $\alpha, \beta$-metrics on a manifold $M$ of dimension $n > 2$ must be Berwald metric, if they are weak Landsberg metric.

MSC:
53B40 Local differential geometry of Finsler spaces and generalizations (areal metrics)
53C60 Global differential geometry of Finsler spaces and generalizations (areal metrics)

Keywords:
$(\alpha; \beta)$-space; Douglas metric; Berwald metric

Full Text: DOI

References:

This reference list is based on information provided by the publisher or from digital mathematics libraries. Its items are heuristically matched to zbMATH identifiers and may contain data conversion errors. It attempts to reflect the references listed in the original paper as accurately as possible without claiming the completeness or perfect precision of the matching.