Title: Finsler metrizability and Landsberg spaces in dimension two

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The problems of Finsler metrizability in dimension two is analyzed and solved completely. Thereafter the famous Landsberg problem concerning the existence of Landsberg spaces whose the sprays do not correspond to linear connection is considered. It is argued in dimension two that the answer to this question is affirmative and it is explained why it is difficult to produce a concrete example. Some of the results are extended to arbitrary dimension and finally a comparison is made with recent alternative investigations into the Landsberg problems.

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