

On the Horizontal Bundle of a Pseudo-Finsler Manifold

İsmet AYHAN⁴⁰⁵, Şevket CİVELEK⁴⁰⁶, A. Ceylan ÇÖKEN⁴⁰⁷

Poster Abstract

In this study, we define J-Liouville distribution on the tangent bundle of a pseudo Finsler manifold and prove that it is integrable when the base manifold is flat. Also we find geometric properties of both leaves of J-Liouville distribution and the horizontal distribution.

Key Words: Pseudo-Finsler manifold, Horizontal Distribution, J-Liouville distribution

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⁴⁰⁵ Pamukkale University, Faculty of Education, Department of Mathematics Education, Kınıklı Campus, 20100, Kınıklı/Denizli, E-mail: iayhan@pau.edu.tr

⁴⁰⁶ Pamukkale University, Faculty of Art and science, Department of Mathematics, Kınıklı Campus, 20100, Kınıklı/Denizli, E-mail: scivelek@pau.edu.tr

⁴⁰⁷ Akdeniz University, Faculty of Science, Department of Mathematics, Campus, 07070, Konyaaltı/Antalya, Email: ceyslancoken@akdeniz.edu.tr