



Curvature properties of pseudo-sphere bundles over paraquaternionic manifolds

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In this paper we obtain several curvature properties of the twistor and reflector spaces of a paraquaternionic $K^{\{a\}}$ -manifold and prove the existence of both positive and negative mixed 3-Sasakian structures in a principal $SO(2,1)$ -bundle over a paraquaternionic $K^{\{a\}}$ -manifold.

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