

**Kuzmina, Irina; Mikeš, Josef****On pseudoconformal models of fibrations determined by the algebra of anti-quaternions and projectivization of them.** (English) [Zbl 1299.53042](#)[Ann. Math. Inform. 42, 57-64 \(2013\).](#)

Summary: In the present article we study the principal bundles determined by the algebra of anti-quaternions in the projective model. The projectivizations of the pseudoconformal models of fibrations determined by the subalgebra of complex numbers is considered as example.

**MSC:**[53B20](#) Local Riemannian geometry[53B30](#) Local differential geometry of Lorentz metrics, indefinite metrics[53C21](#) Methods of global Riemannian geometry, including PDE methods; curvature restrictionsCited in **3** Documents**Keywords:**[pseudoconformal models](#); [conformal mapping](#); [pseudo-euclidean space](#); [metric form](#)**Full Text:** [Link](#)