

Generating infinitesimal almost projective transformations in the tangent bundle of a general space of paths by projective transformations on the base

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Abstract

We obtain conditions under which an almost projective infinitesimal transformation on the tangent bundle of a general space of paths is a Yano-Okubo-Kagan complete lift of an infinitesimal projective transformation of a base manifold. © 2010 Allerton Press, Inc.

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Keywords

General space of paths, Infinitesimal almost projective transformation, Tangent bundle, Yano-Okubo-Kagan lift