M-PROJECTIVE CURVATURE TENSOR ON A GENERALIZED SASAKIAN SPACE-FORM

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Abstract. The goal of this paper is to study M-projective curvature tensor on generalized Sasakian space-forms. We study generalized Sasakian space-form satisfies the conditions $M(\xi, X) \cdot C = 0$, $M(\xi, X) \cdot \tilde{Z} = 0$ and $\tilde{Z}(\xi, X) \cdot M = 0$, where $C$ and $\tilde{Z}$ are respectively, conformal and concircular curvature tensors.

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References


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