LP- SASAKIAN MANIFOLDS WITH SOME CURVATURE PROPERTIES

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ABSTRACT

The object of the present paper is to study the extended generalised φ-recurrent LP-Sasakian manifolds. Also the existence of such manifold is ensured by an example.

KEYWORDS: Lp-Sasakian Manifold, Generalised Recurrent Lp-Sasakian Manifold, Extended Generalized ϕ- Recurrent Lp-Sasakian Manifold, Quasi-Constant Curvature