Title: On some classes of almost pseudo Ricci symmetric manifolds

Author(s): Uday Chand De and Prajjwal Pal

The object of the present paper is to study almost pseudo Ricci symmetric manifolds. Some geometric properties have been studied. Among others we obtain a sufficient condition for an almost pseudo Ricci symmetric manifold to be a quasi Einstein manifold. Next we consider conformally flat almost pseudo Ricci symmetric manifolds. Some global properties have been studied. Finally we give an example to verify the sufficient condition for an almost pseudo Ricci symmetric manifold to be a quasi Einstein manifold.

Address:
Uday Chand
Department of Pure Mathematics
Calcutta University
35, Ballygunge Circular Road
Kol-700019, W. B.
India

Address:
Prajjwal Pal
Chakdaha Co-Operative
Colony Vidyayatan(H.S)
P.O.- Chakdaha
Dist- Nadia, West Bengal
India