

Some results on conformally flat almost contact metric manifolds

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In this talk which is based on a joint work with David E. Blair in the following reference, we first review some basic notions about almost contact metric manifolds. Next, we deal with conformally flat, ϕ -RK contact metric and almost contact metric manifolds. Finally, we focus on curvature properties of conformally flat generalized Sasakian space forms.

- [1] Blair DE, Yıldırım H. On conformally flat almost contact metric manifolds. *Mediterranean Journal of Mathematics*. DOI:10.1007/s00009-015-0652-x.

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