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Title: On a generalization of contact metric manifolds

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We consider a metric f -structure on a manifold M of dimension $2n+s$ and suppose that its kernel is parallelizable. We give a sufficient condition for such a structure to be an $\mathcal{S}$ -structure, that is a generalization of the Sasakian structure. Then we prove some identities for the Ricci operator. We exhibit also some examples.

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