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Title: On contact CR-warped product submanifolds
of a quasi-Sasakian manifold

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In the present paper we study contact CR-warped product submanifolds of a quasi-Sasakian manifold. We obtain a necessary and sufficient condition for a contact CR-submanifold of a quasi-Sasakian manifold to be a contact CR-product or a contact CR-warped product submanifold. We estimate the squared norm of the second fundamental form in terms of the warping function. Equality cases are also investigated. As a particular case, we obtain some further results for Sasakian manifolds.

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