



Seminario de Geometría y Topología

On simply connected K-contact non-Sasakian manifolds

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Abstract. In this work I solve the problem posed by Boyer and Galicki about the existence of manifolds mentioned in the title. We explicitly construct such manifolds solving the problem in positive. Our construction essentially uses symplectic geometry techniques developed by Lerman and Weinstein.

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Fecha y Hora: Martes, 12 de noviembre de 2013, 12:00

www.ucm.es/geometria_topologia/curso-academico-2013-2014-8

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