

# Bochner curvature tensor of locally conformal Kähler space forms

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The notion of a locally conformal Kähler manifold (an l.c.K-manifold) in a Hermitian Geometry has been introduced by I. Vaisman in 1976. In this work, the Bochner curvature tensor in l.c.K-manifolds and l.c.K-space forms are presented. Moreover, some properties of the Bochner curvature tensor in an l.c.K-space form are studied.

This is a joint work with Zerrin Şentürk.

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