

Abstract

The properties of W_6 -curvature tensor are studied in k -contact manifold and the following theorems were proved;

AW_6 -flat K -contact Riemannian manifold is a flat space or manifold.

AW_6 -Semisymmetric K -contact Riemannian manifold is a W_6 -flat manifold.

AW_6 -symmetric and W_6 - semi symmetric K -contact Riemannian manifold is a W_6 -flat manifold.