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Lovejoy S Das* (ldas@kent.edu), 330 University Dr. NE, New Philadelphia, OH 44663. *Second Order Parallel Tensors on Alpha-r-Sasakian Manifolds.*

Levy had proved that a second order symmetric parallel non-singular tensor on a space of constant curvature is a constant multiple of the metric tensor. Sharma [6] has proved that second order parallel tensor in a Kaehler space of constant holomorphic sectional curvature is a linear combination with constant coefficients of the Kaehlerian metric and the fundamental 2-form. In this paper, we show that a second order symmetric parallel tensor on a alpha-K-r contact manifold is a constant multiple of the associated metric tensor and we have also proved that there is no non-zero skew symmetric second order parallel tensor on a alpha- r-Sasakian manifold. (Received April 19, 2014)