

A short story of some Udos results

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We present some Udo Simon's results which have been published since 2006, focusing on the topics related to the geometry of affine curvature tensors using the curvature decompositions; Osserman conjecture (more specifically, the projectively Osserman manifolds, the Jacobi operator associated to the conformal curvature tensor), the Weyl geometry, as well as the gradient Ricci solitons. The results have been obtained in collaboration with Novica Blazic, Peter Gilkey, Miguel Brozos-Vazquez and Stana Nikčević.