

Infinitesimal deformations of subspaces of generalized Riemannian spaces

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This is joint work with Ljubica Velimirović and Nenad Vesić.

We study infinitesimal deformations of subspaces of generalized Riemannian spaces and examine variations of some important geometrical magnitudes. Specially, we consider geodesic infinitesimal deformations and obtain necessary and sufficient conditions which provide the existence of that kind of deformations of generalized Riemannian spaces.
