

KV. COHOMOLOGY AND SOME APPLICATIOIS
Ferdinand Ngakeu. (University of Douala, Cameroon)

Two versions of the KV-cohomology are presented and some algebraic and geometrical applications are given.

We will see some applications to stochastic manifold. As a consequence, we can apply these ideas in Lorentzian geometry, in particular in the theory of null hypersurfaces where it is defined a non Levi-Civita connection as an auxiliary tool, and so, there is a stochastic structure.