

I work in Quantum Field Theory.

I have investigated the Renormalization of Lagrangian models invariant under gauge symmetry, reparametrization invariance and linear and non linear (W algebras) diffeomorphism algebra.

Actually I work in Higher Spin Quantum Fields Lagrangian theories, whose realization require embedding in Finsler spaces.

Rf

A model for massless higher spin field interacting with a geometrical background

Giuseppe Bandelloni (Genoa U. & INFN, Genoa).

International Journal of Geometric Methods in Modern Physics

Vol. 12 (2015) 1550054 (38 pages)

World Scientific Publishing Company

DOI: 10.1142/S0219887815500541

e-Print: arXiv:1502.00452 [hep-th]