

Invariants for $N = (1, 0)$ conformal supergravity in six dimensions

Joseph Novak

Max Plank Institute for Gravitational Physics (Albert Einstein Institute)
Am Mühlenberg 1, Potsdam
Germany

Joint work with: Sergei Kuzenko and Daniel Butter

I present a new off-shell formulation for six-dimensional conformal supergravity obtained by gauging the 6D $N = (1, 0)$ superconformal algebra in superspace. I show how the formulation can be used to construct new invariants for 6D $N = (1, 0)$ conformal supergravity.