



Department of
Theoretical Physics

THE QUANTUM SPACETIME SEMINAR SERIES

Action principle in conformal supergravity

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Date : Apr 22, 2019

Time: 02.30 pm

Venue: D-406, TIFR



In this talk we will discuss about a generic action principle that can be applied to construct invariant actions in conformal supergravity. We will see how well known invariant action such as the $N=2$ chiral density formula can be derived using this principle. We will further use the principle to derive a new density formula in $N=2$ conformal supergravity and we will discuss how this can be applied to construct new couplings of tensor multiplet to $N=2$ conformal supergravity.