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Title: "Asymptotically Safe Gravity with Riemann and Ricci Tensors"

In this talk we take a look into the asymptotic safety conjecture of pure quantum gravity. After a brief review of the state-of-the-art, we test the conjecture for two different gravitational actions. The first one being a function of the Ricci tensor while the second one includes functions of the square of the Riemann tensor and the Ricci scalar. Using functional renormalisation and a bootstrap search strategy we determine fixed points and scaling exponents to high polynomial order. Results between the two models are compared and implications are discussed.