Fourth order Q-curvature equation in conformal geometry

Paul C. Yang

Princeton University
E-mail: yang@math.princeton.edu

Abstract

In dimensions greater than two, the fourth order Q-curvature equation has some progress in the last couple of years. I plan to talk about the Green’s function of the fourth order GJMS operator in dimensions other than four, and its associated consequence: a strong maximum principle for this equation. (joint work with Fengbo Hang).