DIFFERENTIAL GEOMETRY/PDE SEMINAR

Wednesday, November 17
Padelford C-36
3:45 pm

Some Fully Nonlinear Equations in Conformal Geometry

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I will discuss some fully nonlinear partial differential equations that originate in the study of conformal geometry. These equations are conformally invariant, elliptic, and variational. I will present a global uniqueness theorem for solutions, which is a generalization of a theorem of Obata to the fully nonlinear case.