

Harmonic maps into metric spaces

The talk will consist in an introduction to the theory of finite-energy and energy-minimising maps from a riemannian domain Ω to a metric space X , in the setting of Korevaar and Schoen. Definitions, properties and an overview of a few results of this theory will be presented, in particular when X is a space with an upper curvature bound in the sense of Alexandrov. In this case, a notion of area can be set up for such maps, and the Plateau problem can be considered.