

44th Summer Symposium in Real Analysis

Participant

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Title : Asymptotic behavior of minimizing p -harmonic maps when $p \nearrow 2$

Topological obstruction prevents minimizing harmonic maps between a planar domain and a compact manifold from existing. This obstruction disappears for p -harmonic maps when $p < 2$. In a joint work with Jean Van Schaftingen, we describe the asymptotic behavior of minimizing p -harmonic maps when p goes to 2, including the position and topological structure of singularities.

Coauthor(s)

Work in collaboration with Jean Van Schaftingen.