

How large can Hardy-weight be?

10th, September

Abstract: In the first part of the talk we will discuss the existence of optimal Hardy-type inequalities with 'as large as possible' Hardy-weight for a general second-order elliptic operator defined on noncompact Riemannian manifolds and discrete graphs, while the second part of the talk will be devoted to a sharp answer to the question: "How large can Hardy-weight be?"