

The isoperimetric problem for two families of measures and applications to PDE's

Francesco Chiacchio (Naples)

Abstract. We will discuss the isoperimetric problem for factorized measures obtained as perturbations of the gaussian and the antigaussian, respectively. Some applications, like, for instance, Faber-Krahn type inequalities will be also presented. (Joint works with F. Brock and A. Mercaldo)