DALHOUSIE MATHEMATICS COLLOQUIUM

Friday March 29 2019, 3:30 pm, Chase 319

Speaker: Nguyen Lam

(University of British Columbia)

Best constants and optimizers for Sobolev type inequalities

In this talk, we will describe some recent works on best constants and optimizers of several Sobolev type inequalities with the presence of the weights. Best constants are identified and existence of extremizers are proved and in many cases explicit forms of extremal functions are found.