Università
degli Studi
della Campania
Luigi Vanvitelli

AVVISO DI SEMINARIO

Lunedì 4 aprile, alle ore 14:00, in aula E, la Dottoressa Lucrezia Cossetti del Karlsruher Institut für Technologie (KIT) terrà un seminario dal titolo

Improved Hardy-Rellich inequalities

Abstract:
We investigate on Hardy-Rellich inequalities for perturbed Laplacians.
We show that a non-trivial angular perturbation of the free operator typically improves the inequality, and may also provide an estimate which does not hold in the free case. The main examples are related to the introduction of a magnetic field as a manifestation of the diamagnetic phenomenon.
The seminar is based on a joint work with B. Cassano and L. Fanelli.

(*) Sarà possibile seguire il seminario anche su Microsoft Teams al seguente link:

https://teams.microsoft.com/l/meetup-join/19%3a168ba8c448f04e398891ae6f20162356%40thread.tacv2/1646922394268?context=%7b%22Tid%22%3a%228f547aef-14d7-49ca-a4d4-51a6c5cb92c1%22%2c%22Oid%22%3a%22f3b2709e-67f6-467c-a7f1-03458e167e28%22%7d

Proponente

Il gruppo di Analisi Matematica