

CMM PDE Seminar

Speaker: Disson dos Prazeres (U. Sergipe, Brasil)

Title: Cordes-nirenberg type results for nonlocal equations with deforming kernels.

Abstract. We derive Cordes-Nirenberg type results for nonlocal elliptic equations with deforming kernels using a compactness method. Under a natural integrability assumption for the Monge-Ampere solution, we are able to prove a stability lemma that allows the ellipticity class to vary. As a consequence, we get that the limit equation, up to a rotation, behaves like rough fractional Laplacians where the known regularity theory for this class of equation can be applied.

Joint work with A. Sobral and J.M. Urbano.

Monday, June 05, 2023 at 12 Santiago time

Los datos para entrar a la charla por zoom:

<https://us06web.zoom.us/j/86072414594?pwd=Y2I5N2F0TlVlWHlLMWhHZis5QlZ5dz09>

Meeting ID: 860 7241 4594

Passcode: pdeseminar

For further information, see our webpage: <https://eventos.cmm.uchile.cl/pdeseminar/>

