

CMM PDE Seminar

Speaker: Miguel Angel Alejo, Universidad de Córdoba, España

Título: On the nonexistence of NLS breathers.

Abstract: In this talk, we will show a proof of the nonexistence of breather solutions for NLS equations. By using a suitable virial functional, we are able to characterize the nonexistence of breather solutions by only using their inner energy and the power of the corresponding nonlinearity of the equation. We extend this result for several NLS models with different power nonlinearities and even the derivative NLS equation.

Venue: DIM seminar room, Beauchef 851, 5th floor.

Zoom: <https://uchile.zoom.us/j/96642349167?pwd=MkRVbWxzOFBUUXICTWFicW0reWZ6dz09>

Fecha: Lunes, 22 de julio de 2024 a las 16:20 hrs

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

