
ON QUASI-ISOSPECTRAL POTENTIALS

Clara Lucia Aldana Dominguez

Universidad del Norte

November 7, 2022

On this talk I will first talk about the isospectral problem in geometry and about isospectrality of Sturm-Liouville operators on a finite interval in the simplify form of a Schrödinger operator. I will mention very interesting known results about isospectral potentials. I will introduce quasi-isospectrality as a generalization of isospectrality, and will present what we know so far about quasi-isospectral potentials. The work presented here is still on-going joint work with Camilo Perez.