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Title: Perturbations of parabolic endomorphisms in dimension 2

Abstract: In this talk, I will present a work in progress with Matthieu Astorg and Lorena Lopez-Hernanz. We are interested in studying holomorphic endomorphisms of $\mathbb{C}^2$ which are tangent to the identity at the origin, and our goal is to understand how the dynamics changes when we perturb such maps. In particular, we generalize a result obtained by Bianchi and show a statement \textit{à la Lavaurs} when the unperturbed map admits a basin parabolic centered in a characteristic direction, but it does not fix a complex line. I will recall the motivation and results in the one-dimensional case before moving to dimension 2.