

Dynamics of rational maps in dimension 2 and the renormalization map for the iterated monodromy group of the Basilica map

mercredi 11 juin 2025 15:00 (50 minutes)

We will look at the dynamics of a family of birational maps on \mathbb{R}^2 and \mathbb{C}^2 . Then we will discuss a non-invertible rational map acting in dimension 2. This map arises as the renormalization map in the Iterated Monodromy group of the Basilica map.

Orateur: BEDFORD, Eric