ID de Contribution: **2**   Type: **Non spécifié**

Local dynamics of biholomorphisms (1)

lundi 10 février 2025 10:30 (1 heure)

The goal of this series of lecture is to present the relation between the dynamics of germs $f : (\mathbb{C}^2, 0) \to (\mathbb{C}^2, 0)$ tangent to the identity, the real-time dynamics of homogeneous vector fields in $\mathbb{C}^2$ and the dynamics of the geodesic flow on affine surfaces.

In the first talk, we will review the dynamics of germs $f : (\mathbb{C}, 0) \to (\mathbb{C}, 0)$, in particular, the Leau-Fatou flower theorem.

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