ID de Contribution: **6**   Type: **Non spécifié**

Local dynamics of biholomorphisms (2)

mardi 11 février 2025 09:00 (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 second lecture, we will explain how, to each germ $f : (\mathbb{C}^2, 0) \to (\mathbb{C}^2, 0)$ tangent to the identity, one can associate a homogeneous vector field in $\mathbb{C}^2$ and a meromorphic affine surface modeled on the Riemann sphere minus finitely many points.

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