
JOSE SEADE, Universidad Nacional Autónoma de México

Open books and real analytic germs

Milnor's fibration theorem for complex singularities says that every holomorphic map $C^n \rightarrow C$ determines canonically an open book decomposition on the $2n - 1$ sphere. This result has given rise to a vast literature, both in singularity theory and in knot theory.

In this talk I will present a recent work with Anne Pichon, where we extend Milnor's theorem to meromorphic germs and to certain real analytic mappings.