

Motion by curvature of networks in the plane

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Abstract: We will present the state-of-the art about the evolution by curvature of networks of planar curves. We will discuss existence, uniqueness, singularity formation and asymptotic behavior of the flow.

References:

Evolution of networks with multiple junctions

Carlo Mantegazza, Matteo Novaga, Alessandra Pluda, Felix Schulze

<https://arxiv.org/abs/1611.08254>