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Evolution of domains by spectral flows

We consider a general formulation of the domain evolution by means of gradient flows, obtained through the minimizing movements procedure, which has its natural framework in the metric spaces setting. The functionals which govern the evolutions are of spectral type, involving the eigenvalues of the Laplace operator with Dirichlet boundary conditions. Several dissipation distances are considered and the phenomenon of occurrence of relaxed capacitary measures during the evolution is discussed.