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**Umberto Mosco\*** ([mosco@wpi.edu](mailto:mosco@wpi.edu)), Department of Mathematical Sciences, Worcester Polytechnic Institute, 100 Institute Road, Worcester, MA 01609-2280. *On a dynamic interpolation of 1D and 2D attractors.*

We construct a one-parameter family of second order Cauchy initial value problems in the plane with attractors at infinity that interpolate between the boundary of a square and the full square. We describe the dynamic and geometric implications of this result and its generalization to more general domains and interfaces. (Received August 11, 2015)