

Mean curvature solitons in warped products

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Resumo/Abstract:

We present basic definitions and results on self-similar solutions of the mean curvature flow in warped and Riemannian products. In particular, we discuss some extensions of the theory of self-shrinkers and translating solitons in Euclidean space to that more general geometric setting. This is a joint work with L. Alias and M. Rigoli.