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# Mean curvature flow of graphs in $M \times \mathbb{R}$

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We will discuss some existence results for entire graphs evolving by the mean curvature flow in product manifolds  $M \times \mathbb{R}$  endowed with a static metric. This comprises the particular cases of Riemannian products and space forms. In the sequel, if time permits, we will present some examples of translating solitons for the mean curvature flow in this context.

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