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Weak solutions to mean curvature flow respecting obstacles

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Abstract. We consider the problem of evolving hypersurfaces by mean curvature flow in the presence of obstacles, that is domains which the flow is not allowed to enter. In this paper, we treat the case of complete graphs and explain how the approach of M. Sáez and the second author [19] yields a global weak solution to the original problem for general initial data and onesided obstacles.

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