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**Xuan Hien Nguyen\*** ([xhnguyen@iastate.edu](mailto:xhnguyen@iastate.edu)), Department of Mathematics, 396 Carver Hall,  
Ames, IA 50011. *Self-translating surfaces under mean curvature flow.*

Self-translating surfaces play an important role in the study of the mean curvature flow because they can model the behavior of the flow near singularities under certain conditions. We present new examples constructed using gluing techniques and discuss properties of self-translating surfaces in general. (Received July 09, 2012)