1051-35-110   **Xuan Hien Nguyen*** (`xhnguyen@math.ksu.edu`), Mathematics Department, 138 Cardwell Hall, Manhattan, KS 66506. *Construction of self-similar surfaces under mean curvature flow.* Preliminary report.

We will describe a construction of new examples of complete embedded self-similar surfaces for the mean curvature flow. The strategy consists in using two known examples, a sphere and a plane, and desingularizing their intersection using gluing techniques. (Received August 20, 2009)