

1118-53-232

Stephen James Kleene* (skleene@gmail.com), University of Rochester, Department of mathematics, Hylan Building, Rochester, NY 14627. *Minimal laminations on curves.*

We describe how to construct sequences of embedded minimal surfaces in a tube along a smooth curve in \mathbb{R}^3 with curvature blowup on a prescribed compact subset, using PDE methods. The method is very general and has applications to numerous gluing problems (Received February 01, 2016)