963-51-184   **John M Sullivan*** (`jms@uiuc.edu`), Dept. of Math., 1409 W Green St, Urbana, IL 61801, and **Jason Cantarella** (`cantarel@math.uga.edu`), **Rob Kusner** (`kusner@math.umass.edu`) and **Greg Kuperberg** (`greg@math.ucdavis.edu`). *The Second Hull of a Knotted Curve.*

We define the second hull of a space curve, consisting of those points which are doubly enclosed by the curve in a certain sense. We prove that any knotted curve has nonempty second hull. We relate this to recent results on thick knots, quadrisecants, and minimal surfaces. (Received January 22, 2001)