Meeting: 1002, Pittsburgh, Pennsylvania, SS 7A, Special Session on Knots and Macromolecules

1002-54-98   **Jenelle Marie McAtee*** (`jmcatee@math.uiowa.edu`), University of Iowa, 14 MLH, Iowa City, IA 52242. *C^2 Smooth Knots of Constant Curvature.*

Two techniques for constructing C^2 smooth knots of constant curvature are presented as well as a proof that every knot type can be realized as such a curve. (Received September 07, 2004)