1051-49-6   **Mostafa Ghandehari*** (`ghandeha@uta.edu`), Mathematics Department, Univ. of Texas at Arlington, Box 19408, Arlington, TX 76019, and **Roger Kirby**. *Maximum curvature splines.*

Variational techniques are used to find maximum curvature splines. Various conditions on curvature for example bounded curvature splines are considered. Optimization methods are used to find coefficient of polynomials. (Received December 08, 2008)