1023-39-445   **Curtis J. Kunkel*** (`Curtis_Kunkel@baylor.edu`), Department of Mathematics, Baylor
University, One Bear Place 97328, Waco, TX 76798-7328. *Singular Discrete Third Order Boundary
Value Problems.*

We study singular discrete boundary value problems with mixed boundary conditions. We prove the existence of a positive
solution by means of a lower and upper solutions method, the Brouwer fixed point theorem, and by perturbation methods
to approximate regular problems. (Received September 13, 2006)