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Curtis Kunkel* (Curtis_Kunkel@baylor.edu), One Bear Place #97328, Baylor University, Waco, TX 76798. *Singular Second Order Boundary Value Problems on Purely Discrete Time Scales.*

We study singular discrete second order boundary value problems with mixed boundary conditions over a finite interval. We prove the existence of a positive solution by means of the lower and upper solutions method and the Brouwer fixed point theorem in conjunction with perturbation methods to approximate regular problems. (Received October 19, 2006)