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**Curtis J Kunkel\*** ([ckunkel@utm.edu](mailto:ckunkel@utm.edu)), University of Tennessee at Martin, Department of Mathematics & Statistics, 209 Hurt Street, Martin, TN 38238. *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 September 13, 2007)