Johnny Henderson* (Johnny_Henderson@baylor.edu), Department of Mathematics, Baylor University, Waco, TX 76798-7328, Sotiris K. Ntouyas (sntouyas@uoi.gr), Department of Mathematics, University of Ioannina, 451 10 Ioannina, Greece, and Ioannis K. Purnaras (ipurnara@cc.uoi.gr), Department of Mathematics, University of Ioannina, 451 10 Ioannina, Greece. Positive solutions for systems of three-point nonlinear discrete boundary value problems. Existence of eigenvalues yielding positive solutions for systems of a second order three-point discrete boundary value problem is established. The results are obtained by the use of a Guo-Krasnoselskii fixed point theorem in cones. (Received June 16, 2008)