NONLOCAL BOUNDARY VALUE PROBLEMS
FOR \((p,q)\)-DIFFERENCE EQUATIONS

NATTAPONG KAMSRISUK,CHANON PROMSAKON, SOTIRIS K. NTOUYAS
AND JESSADA TARIBOON

Abstract. In this paper we study existence and uniqueness of solutions for a boundary value problem for \((p,q)\)-difference equations with nonlocal integral boundary conditions, by using classical fixed point theorems. Examples illustrating the main results are also presented.


Keywords and phrases: \((p,q)\)-difference equations, boundary value problems, nonlocal conditions, existence, fixed point theorems.

REFERENCES


