ANTI-PERIODIC BOUNDARY VALUE PROBLEMS FOR NONLINEAR HIGHER ORDER FUNCTIONAL DIFFERENCE EQUATIONS

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Abstract. Sufficient conditions for the existence of at least one solution of anti-periodic boundary value problems for nonlinear functional difference equations are established. We allow $f$ to be at most linear, superlinear or sublinear in obtained results.

Key words and phrases: Solutions, anti-periodic boundary value problem, functional difference equation.

REFERENCES