OSCILLATION OF SECOND ORDER NONLINEAR IMPULSIVE DIFFERENTIAL EQUATIONS WITH DEVIATING ARGUMENTS

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Abstract. In this paper, we present some new sufficient conditions for the oscillations of all solutions of a second order retarded differential equations with impulses. These results extend the known results for the differential equations without impulses. An example is provided to illustrate our result.


Keywords and phrases: oscillation, second order, nonlinear, impulsive, differential equations.

REFERENCES