

On solutions of Integro-dynamic and Integral Equations

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Konuşma Özeti

We begin with asymptotic behavior of solutions for a class of integro-differential and integral equations on time-scales. By making use the behavior of nonoscillatory solutions, we then give easily verifiable sufficient conditions for the oscillation of all solutions. The results are new for both continuous and discrete cases. The talk will be concluded by an open problem.

Anahtar Kelimeler: Integro-dynamic equation; Integral equation; Oscillation; Time scale; Volterra equation