

# On the quasilinearization method for a parameter estimation problem in a class of functional differential equations with state-dependent delays

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In this talk we consider a class of nonlinear functional differential equations with state-dependent delays including neutral terms. We discuss the problem of smooth dependence of the solutions on parameters. We formulate the quasilinearization method for the parameter estimation problem, and we present numerical studies to illustrate the convergence of the method.