

Unique Solvability of the Initial Value Problem for Nonlinear Functional Differential Equations

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Some general conditions sufficient for unique solvability of the Cauchy problem for nonlinear functional differential equations are established. The class of equations considered covers, in particular, nonlinear equations with transformed argument, integro-differential equations, neutral equations and their systems of an arbitrary order. See [1, 2].

[1] Dilna N. *Memoirs on Differential Equations and Mathematical Physics*. **44** (2008), p. 45. <http://www.jeomj.rmi.acnet.ge/memoirs/vol44/contents.htm>

[2] Dilna N. Z., Ronto A. N. *Ukrainian Mathematical Journal*. **60** (2008), No. 2, p. 167.