REGULARITY FOR SOLUTIONS OF NONLINEAR RETARDED FUNCTIONAL DIFFERENTIAL EQUATIONS

JIN-MUN JEONG AND SANG-JIN SON

Abstract. This paper deals with the existence and uniqueness of solutions for the nonlinear functional differential equations with time delay. The regularity and a variation of constant formula for solutions of the given equations are also studied.


Keywords and phrases: Nonlinear differential equation, monotone operator, existence, regularity.

REFERENCES