

EXPLICIT BOUND ON A RETARDED INTEGRAL INEQUALITY

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Abstract. The aim of the present note is to establish a new retarded integral inequality which provides explicit bound on unknown function, and can be used as a tool in the study of certain general integral equation.

Mathematics subject classification (2000): 26D10, 26D15.

Key words and phrases: Explicit bound, retarded integral inequality, Volterra-Fredholm integral equation, nondecreasing, change of variable, bound on the solution.

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