NONLINEAR INTEGRAL INEQUALITIES OF BIHARI–TYPE WITHOUT CLASS $H$

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Abstract. Integral inequalities of Bihari-type without restriction to the class $H$ are discussed. The main result can be applied to generalize Pinto’s results and Choi et al’s results. It is also applied to show boundedness of solutions of a functional differential equation.

Key words and phrases: Integral inequality, Bihari’s type, Class $H$, Monotonicity, Boundedness.

REFERENCES