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GENERALIZATION OF A BIHARI TYPE INTEGRAL INEQUALITY FOR ABSTRACT LEBESGUE INTEGRAL

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Abstract. In this paper we study some integral inequalities in measure spaces which are natural generalizations of special Bihari type integral inequalities. Explicit upper bounds for the solutions are given. The classical arguments can not be extended to this more general situation, we develop new methods. The results are applied to establish the existence of a solution to the corresponding integral equations.

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