HARTLEY–FOURIER COSINE GENERALIZED CONVOLUTION INEQUALITIES

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Abstract. In this paper, we study some inequalities related to a certain generalized convolution for the Hartley-Fourier cosine integral transforms. Specially, we will apply these inequalities to estimate the solutions of some integral equations, differential equations and partial differential equations.


Keywords and phrases: Convolution, Hartley transform, Fourier transform, Fourier cosine transform, convolutions inequalities.

REFERENCES
