

NEW CONVOLUTIONS AND NORM INEQUALITIES

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Abstract. We introduce new three types of convolutions for which – together with the classical convolution – we obtain new convolution inequalities. This is done within a framework from the theory of reproducing kernels which helps us to perform the mentioned inequalities in a very global way.

Mathematics subject classification (2010): Primary 44A35; Secondary 30C40, 42A85, 45E10, 46E22, 47A30, 47B32, 47B38, 47G10.

Keywords and phrases: Integral transform, Hilbert space, linear transform, reproducing kernel, linear mapping, convolution, Toeplitz kernel, Hankel kernel, norm inequality.

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