

KANTOROVICH TYPE OPERATOR INEQUALITIES FOR FURUTA INEQUALITY

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Abstract. In this paper, we shall present Kantorovich type operator inequalities for Furuta inequality related to the usual order and the chaotic one in terms of a generalized Kantorovich constant, a generalized condition number and the Specht ratio, in which we use variants of the grand Furuta inequality.

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Key words and phrases: Furuta inequality, Grand Furuta inequality, Kantorovich inequality, generalized Kantorovich constant, generalized condition number, Specht ratio.

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