THE DUNKL–WILLIAMS INEQUALITY WITH
n ELEMENTS IN NORMED LINEAR SPACES

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Abstract. In this paper we establish a generalization of the Dunkl-Williams inequality for finitely many elements in a normed linear space. As a consequence, we get some recently obtained results on the generalized triangle inequality and its reverse inequality. The case of equality for elements of a strictly convex normed linear space is also considered.

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ⓒ ELEMENT, Zagreb
Paper MIA-10-44

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