

INEQUALITIES WITH INFINITE CONVEX COMBINATIONS IN THE SIMPLICES

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Abstract. The article deals with convex combinations containing infinite number of terms (infinite convex combinations). The inequalities for convex functions and infinite convex combinations of points from the simplices are investigated. This research relies on the extended discrete form of Jensen's inequality.

Mathematics subject classification (2010): 26B25, 26D15.

Keywords and phrases: Infinite convex combination, convergence, Jensen's inequality.

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