Orlicz mixed width measures

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Abstract. In this paper, we establish the Orlicz logarithmic Minkowski inequality for the width integrals by introducing the new *Orlicz mixed width measures* and using the newly established Orlicz mixed width inequality. The Orlicz width logarithmic Minkowski inequality in special case yields the width logarithmic Minkowski inequality and the L_p-width logarithmic Minkowski inequality, respectively.

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