SOME INEQUALITIES FOR $L_p$–DUAL AFFINE SURFACE AREA

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Abstract. Lutwak proposed the notion of $L_p$-affine surface area according to the $L_p$-mixed volume. Recently, Wang and He introduced the concept of $L_p$-dual affine surface area combing with the $L_p$-dual mixed volume. In this article, some inequalities for $L_p$-dual affine surface area are established.

Keywords and phrases: $L_p$-dual affine surface area, $L_p$-mixed volume, $L_p$-dual mixed volume, Brunn-Minkowski inequality.

REFERENCES