

SOME INEQUALITIES FOR GENERAL L_p -HARMONIC BLASCHKE BODIES

BO WEI AND WEIDONG WANG

Abstract. Feng and Wang gave the extremum value of volume for the general L_p -harmonic Blaschke bodies. In this paper, associated with the general L_p -harmonic Blaschke bodies, we obtain the extremum value of dual quermassintegrals and the L_p -dual affine surface area, respectively. Further, two monotonic inequalities for the general L_p -harmonic Blaschke bodies are given.

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