

ON THE NEGATIVE SOLUTIONS OF L_p -BUSEMANN-PETTY PROBLEM

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Abstract. Intersection bodies led to the solutions of Busemann-Petty problem by Lutwak. Associated with Haberl and Ludwig's L_p -intersection bodies, Yuan and Cheung researched related the L_p -Busemann-Petty problem. In this paper, we sequentially study L_p -Busemann-Petty problem of L_p -intersection bodies and give its two negative forms.

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