Abstract. In this paper, we research the $L_p$-mixed projection bodies by the $L_p$-mixed quermassintegrals. First, we give an equivalent conclusion of $L_p$-mixed projection bodies. Further, the Shephard type problem for the $L_p$-mixed projection bodies are shown.


Keywords and phrases: $L_p$-mixed projection body, $L_p$-mixed quermassintegrals, Shephard problem.

References


