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**Vladyslav Yaskin\*** (vyaskin@math.ou.edu), Department of Mathematics, University of Oklahoma, Norman, OK 73019. *Modified Shephard's problem on projections of convex bodies.*

We disprove a conjecture of A. Koldobsky asking whether it is enough to compare  $(n - 2)$ -derivatives of the projection functions of two symmetric convex bodies in the Shephard problem in order to get a positive answer in all dimensions. (Received February 22, 2007)