

ORLICZ–BRUNN–MINKOWSKI INEQUALITY FOR POLAR BODIES AND DUAL STAR BODIES

YAN WANG AND QINGZHONG HUANG

Abstract. In this paper, we establish the Orlicz-Brunn-Minkowski inequality for polar bodies and dual star bodies. These results can be considered as ‘polar’ counterparts of the existing Orlicz-Brunn-Minkowski inequality for convex bodies and star bodies.

Mathematics subject classification (2010): 52A30, 53A40.

Keywords and phrases: Polar bodies, dual star bodies, Orlicz addition, radial Orlicz addition, Orlicz-Brunn-Minkowski inequality.

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