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On the volume product functional

Given a convex body in \mathbb{R}^{n+1} containing the origin, the volume product functional associates to it the value $\text{Vol}(K) \cdot \text{Vol}(K^*)$, where K^* denotes the dual polar body of K with respect to the origin. This number is the object of Santaló's inequality as well as that of Mahler's conjecture. We will present some results related to bounds of this functional.