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Galyna Livshyts* (glivshyts6@math.gatech.edu), 686 Cherry st NW, Atlanta, GA 30097, and **Alexander Kolesnikov** and **John Hosle**. *On the log-brunn-minkowski conjecture and related questions.*

We discuss the Log-Brunn-Minkowski conjecture of Boroczky, Lutwak, Yang and Zhang, and related questions, and prove several new estimates. Joint work with Hosle and Kolesnikov. (Received January 06, 2020)