## The sharp quantitative isocapacitary inequality

The well-known isocapacitary inequality states that balls minimize the capacity among all sets of the same given volume. In the talk, we prove a sharp quantitative form of this classical result. Namely, we show that the difference between the capacity of a set and that of a ball with the same volume bounds the square of the Fraenkel asymmetry of the set. We then discuss some possible extensions.