Ben Li* (bx1292@case.edu), Carsten Schuett and Elisabeth Werner. The Loewner Function of Log-concave Functions.

We introduce the notion of Loewner ellipsoid function for log concave function. The duality of this notion to the John ellipsoid function which is introduced by D. Alonso-Gutierrez et al with also be discussed. This is based on joint work with C. Schuett and E. Werner. (Received July 25, 2018)