
NING ZHANG, Huazhong University of Science and Technology

Bodies with congruent conic sections or non-central sections in higher dimension

In this talk, we will present a recent work with Jun-Ling Li. We show that C^2 convex bodies in R^n with congruent conic sections or non-central sections will coincide. Using the continuity of multivalued function, this gives a solution to different types of Suss conjecture.