SEMINARIUM UKŁADY DYNAMICZNE

Tytuł: **On the velocity of planar trajectories**
Referent: **Agnieszka Kozdęba**
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Consider two trajectories, each forming a Jordan curve with a finite length in the two dimensional plane. We show that the integral of the velocity of the portion of one curve that is included in the inside of the second curve is bounded by half the length of the latter curve (based on an article by Zvi Artstein and Ido Bright).