

帰国報告書 (ITP Research Report)

Research Report of JSPS-ITP

(The international sending-elevating project for young mathematicians based on singularity, topology and mathematical analysis: Hokudai mode)

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Research Report:

I took part in the activities of “School on Generic Singularities in Geometry” at the Banach Center, Warsaw, on which I gave a talk titled “Centroaffine space curves with constant curvatures and homogeneous surfaces”, I classified the centroaffine space curves with constant curvatures which can be proved as the homogeneous curves and then considered their relations with homogeneous surfaces. During this school, I got acquainted with Prof. Jean Paul, he asked me some good questions which enlightened me to understand my research more deeply.

Later I went to attend “Workshop on Singularities in Geometry and Applications” at the Conference Center at Bedlewo, where I gave a poster presentation whose title was as same as the one of the talk I gave in Warsaw. I received a lot of suggestions on my poster presentation, they are useful for me to further my research later.

It was so nice and valuable experience to attend such conferences in Poland. I was so happy that I have acquainted with a lot of famous professors and geometers, and made friends with them. I am much obliged to this program for giving me such a great opportunity.